Closeout Survey Screenshots for:

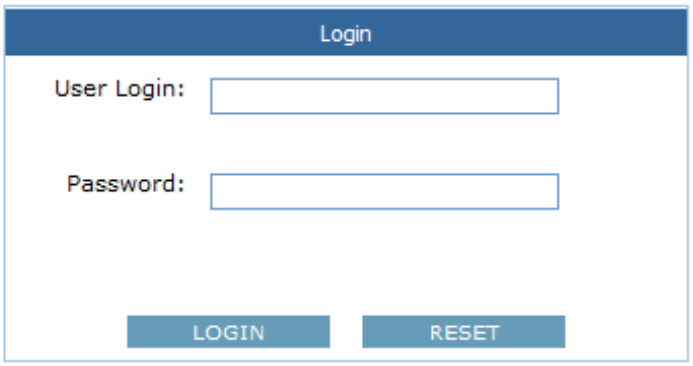
The NSF Advancing Informal STEM Learning (AISL) Program's

Online Project Monitoring System (OPMS)

NOTE: The OPMS Closeout Survey collects information on project activities and accomplishments over the course of the AISL grant.

AISL Online Project Monitoring System

To enter the Advancing Informal STEM Learning (AISL) Online Project Monitoring System (OPMS), please type your User Login and Password in the boxes below, then click on **Login.**



OMB # 3145-0226 Expiration Date: 2/29/2016
Advancing Informal STEM Learning (AISL)
Online Project Monitoring System (OPMS)

Sponsored by the
National Science Foundation
Conducted by
Westat
1650 Research Boulevard
Rockville, Maryland 20850

Privacy Notice

Information from this monitoring system will be retained by the National Science Foundation, a federal agency, and will be an integral part of its Privacy Act System of Records in accordance with the Privacy Act of 1974 and maintained in the Education and Training System of Records 63 Fed. Reg. 264, 272 (January 5, 1998). These are confidential files accessible only to appropriate National Science Foundation (NSF) officials, their staffs, and their contractors responsible for monitoring, assessing, and evaluating NSF programs. Only data in highly aggregated form, or data explicitly requested as 'for general use,' will be made available to anyone outside of the National Science Foundation for research purposes. Data submitted will be used in accordance with criteria established by NSF for monitoring research and education grants, and in response to Public Law 99-383 and 42 USC 1885c.

Public Burden

Submission of the requested information is voluntary. Failure to provide full and complete information, however, may reduce the possibility for continuing support through the award/project subject to this survey. The public reporting burden for this collection of information is estimated to average 24.0 person hours for the Baseline Submission, 8.0 person hours for each Annual Report, and 16.0 person hours for the Closeout Report, including the time for reviewing instructions. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Suzanne Plimpton, Reports Clearance Officer for OMB Collection 3145-0158, National Science Foundation, 4201 Wilson Blvd., Suite 295, Arlington, VA 22230.

If you have any questions, contact: isehelp@westat.com

Contact Us

AISL Online Project Monitoring System

This final update has been authorized by the National Science Foundation. While you are not required to respond, your cooperation is needed to ensure that the results of this monitoring system comprehensive, accurate, and timely.

INSTRUCTIONS FOR COMPLETING THE AISL FINAL UPDATE

Project ID: 100
Award Type:

The National Science Foundation (NSF) is collecting information annually from all of its Advancing Informal STEM Learning (AISL) projects. The purpose is to obtain data that can be used to evaluate the collective impact of the AISL portfolio of funded projects, to monitor participants' activities and accomplishments, and to obtain information that can inform the design of future AISL efforts.

You should call your Westat contact person or email AISLhelp@westat.com if you have any questions about how to respond to a particular item.

Links are available at the top and bottom of the screen to assist you. For guidance on how to navigate the system, click on the *Survey Navigation* link. For information on the items contained in the survey and how to address them, click on the *Help Materials* link.

Please complete each of the following sections of the Final Update as they pertain to your AISL project. More than one person can log into the survey and enter information. You may complete the sections in any order. When you have started a section, the status will change to *Incomplete*. When you have completed a section, the status will change to *Complete*. Once all sections are complete, a *Submit Report* button will appear at the bottom of the page. Select the *Submit Report* button to complete and submit your survey.

	Status
Section A: Project and the Lead Organization	Not Started
Section B: Key Members of the Project Team	Not Started
Section C: Organizational Partners	Not Started
Section D: Products, Programs, or Experiences for Public Audiences	Not Started
Section E: Products, Programs, or Experiences for Professional Audiences	Not Started
Section F: Formative and Summative Evaluation Questions	Not Started
Section G: Project Accomplishments and Lessons Learned	Not Started
Section H: Future Directions	Not Started
Section I: Research Questions	Not Started
Final Submission Status: **Not complete**	

Section A: Project and the Lead Organization

AISL Online Project Monitoring System

This final update has been authorized by the National Science Foundation. While you are not required to respond, your cooperation is needed to ensure that the results of this monitoring system comprehensive, accurate, and timely.

INSTRUCTIONS FOR COMPLETING THE AISL FINAL UPDATE

Project ID: 100
Award Type:

The National Science Foundation (NSF) is collecting information annually from all of its Advancing Informal STEM Learning (AISL) projects. The purpose is to obtain data that can be used to evaluate the collective impact of the AISL portfolio of funded projects, to monitor participants' activities and accomplishments, and to obtain information that can inform the design of future AISL efforts.

You should call your Westat contact person or email AISLhelp@westat.com if you have any questions about how to respond to a particular item.

Links are available at the top and bottom of the screen to assist you. For guidance on how to navigate the system, click on the *Survey Navigation* link. For information on the items contained in the survey and how to address them, click on the *Help Materials* link.

Please complete each of the following sections of the Final Update as they pertain to your AISL project. More than one person can log into the survey and enter information. You may complete the sections in any order. When you have started a section, the status will change to *Incomplete*. When you have completed a section, the status will change to *Complete*. Once all sections are complete, a *Submit Report* button will appear at the bottom of the page. Select the *Submit Report* button to complete and submit your survey.

	Status
Section A: Project and the Lead Organization	Not Started
Section B: Key Members of the Project Team	Not Started
Section C: Organizational Partners	Not Started
Section D: Products, Programs, or Experiences for Public Audiences	Not Started
Section E: Products, Programs, or Experiences for Professional Audiences	Not Started
Section F: Formative and Summative Evaluation Questions	Not Started
Section G: Project Accomplishments and Lessons Learned	Not Started
Section H: Future Directions	Not Started
Section I: Research Questions	Not Started
Final Submission Status: **Not complete**	

Question Guide

Contact Info

Venues

Contact Info

A1. Please review and, if necessary, update the following contact information for the primary point of contact at the lead organization that will be responsible for answering any follow-up questions about your project's responses to this survey.

- If there are no changes, click the *Save & Continue* button.

Primary point of contact for this survey:	test
Street address:	test
City:	test
State:	Iowa
Zip code:	22222
Telephone number for the primary point of contact: (###-###-####)	222-222-2222
Email address for the primary point of contact:	test@test.com

Save & Continue

Question Guide

Contact Info

Venues

Venues

A2. Please review and, if necessary, update information about previously entered public venues in the table below. If applicable, please add new public venues in which your project reached public or professional audiences.

STEP 1: Update previously entered public venues.

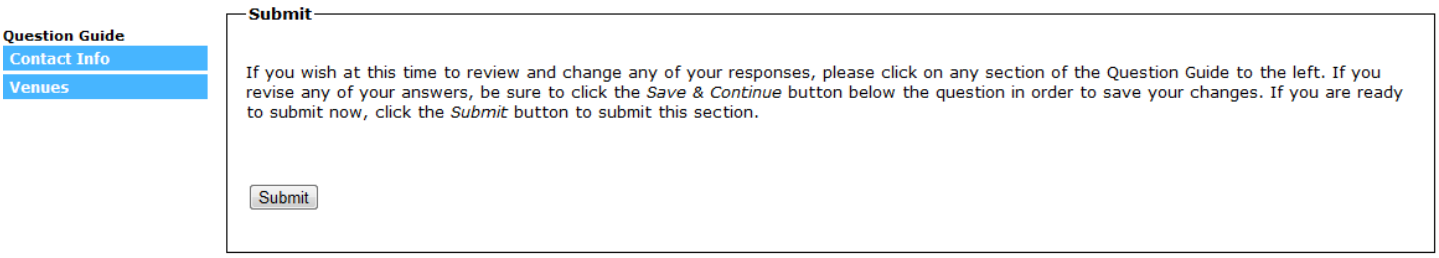
- For each previously entered public venue, select an option from the drop-down menu in the *Venue use over the grant period* column and click the "update" button.
- You cannot delete previously entered venues. Instead, select "No longer part of project" from the drop-down menu in the *Venue use over the grant period* column.

STEP 2: Add new public venues.

- For the purposes of this collection, public venue refers to a physical public setting in which public or professional audiences will convene to participate in an AISL-related product, program, or experience.
- To add a public venue to the table below, enter the venue name and zip code in the text boxes and select a venue type and venue use. Then, click the *Add* button in the right-hand column of the table.
- After you have added a venue to the table, use the *Edit* button to change information about it or use the *Delete* button to remove it.

Public Venue Name	Public Venue Zip Code	Public Venue Type	Venue use over the grant period	
test	22222	Arboretum or botanical garden	Used over the gra	Update
		Select venue type Other *(specify)*:	Select venue use	Add

Save & Continue



(SELECTING "SUBMIT" WILL SUBMIT SECTION A, MARK SECTION A AS "COMPLETE" ON THE SECTION MENU, AND RETURN TO THE SECTION MENU)

Section B: Key Personnel for the Project Team

AISL Online Project Monitoring System

This final update has been authorized by the National Science Foundation. While you are not required to respond, your cooperation is needed to ensure that the results of this monitoring system comprehensive, accurate, and timely.

INSTRUCTIONS FOR COMPLETING THE AISL FINAL UPDATE

Project ID: 100
Award Type:

The National Science Foundation (NSF) is collecting information annually from all of its Advancing Informal STEM Learning (AISL) projects. The purpose is to obtain data that can be used to evaluate the collective impact of the AISL portfolio of funded projects, to monitor participants' activities and accomplishments, and to obtain information that can inform the design of future AISL efforts.

You should call your Westat contact person or email AISLhelp@westat.com if you have any questions about how to respond to a particular item.

Links are available at the top and bottom of the screen to assist you. For guidance on how to navigate the system, click on the *Survey Navigation* link. For information on the items contained in the survey and how to address them, click on the *Help Materials* link.

Please complete each of the following sections of the Final Update as they pertain to your AISL project. More than one person can log into the survey and enter information. You may complete the sections in any order. When you have started a section, the status will change to *Incomplete*. When you have completed a section, the status will change to *Complete*. Once all sections are complete, a *Submit Report* button will appear at the bottom of the page. Select the *Submit Report* button to complete and submit your survey.

	Status
Section A: Project and the Lead Organization	Complete
Section B: Key Members of the Project Team	Not Started
Section C: Organizational Partners	Not Started
Section D: Products, Programs, or Experiences for Public Audiences	Not Started
Section E: Products, Programs, or Experiences for Professional Audiences	Not Started
Section F: Formative and Summative Evaluation Questions	Not Started
Section G: Project Accomplishments and Lessons Learned	Not Started
Section H: Future Directions	Not Started
Section I: Research Questions	Not Started
Final Submission Status: **Not complete**	

AISL Online Project Monitoring System

Key Members of the Project Team

This section collects information about each PI, co-PI, named advisor, key team member, and consultant that made substantial contributions to your AISL project and that had an ongoing relationship in the development of project deliverables. If you have questions concerning who would qualify as key personnel for the project team, please call your Westat contact person or email AISLhelp@westat.com.

Use the table below to review information about previously entered personnel and, if applicable, add information for new project team members.

STEP 1: Click each previously entered key person to review information.

- Review information about each individual to confirm that it is correct. To review and update information on an individual listed below, click on his or her name in the column titled *Name of Individual*.
- If an individual is no longer a part of your project, check the box in the column titled "No longer key personnel" and click the "Edit" button.

STEP 2: Add new key personnel.

- To add a member of your project team, type the individual's name in the text box in the *Name of Individual* column. Then, click the *Add* button in the right-hand column of the table.
- After the individual is added to the table, click on his or her name in the *Name of Individual* column to access and complete a set of questions for the individual.
- For the purposes of this collection, only include individuals that dedicated a significant amount of time and made substantial contributions to the project.

Name of Individual	Information Status	No longer key personnel	
Hannah the PI	Not Started	☐	Edit
asdf	Not Started	☐	Edit
test	Not Started	☐	Edit
			Add

If you have completed adding and updating information on the individual members of your project team, please click the *Submit* button.

Submit

(B1-B4 ARE *REVIEWED* FOR EACH PERSON ENTERED IN A PREVIOUS REPORT. EACH PERSON ENTERED IN A PREVIOUS REPORT WILL HAVE AN "EDIT" BUTTON IN THE FAR RIGHT COLUMN OF THE KEY PERSONNEL TABLE. B1-B4 ARE SKIPPED IF THE BOX IS SELECTED IN THE COLUMN INDICATING THAT THE PERSON IS "NO LONGER KEY PERSONNEL.")

Name: test

Please review and, if necessary, update the following contact information for this individual.

- If there are no changes, click on the *Save & Continue* button.

B1. With what organization is this individual affiliated? *(If no organization, enter "not applicable.")*

test

B2. Which of the following best describes the organization with which this individual is affiliated?

- Please select *one* organization type.
- If your organization is a division or department of a larger entity (e.g., a museum within a university), you should also provide information below about your division or department (as opposed to the larger entity) by selecting *one* division/department type.
- Select *Not Applicable* for both the organization and division if the individual is not affiliated with an organization.
- Select *Not Applicable* for division/department if there is no separate division within the organization.
- If the organization type for a given organization is not listed on the table below, select "other" (under Other) and provide specific information as to how the organization type should be coded. The information you provide will help us develop new organization codes for future collections.

	Organization	Division/ department
Informal Learning Institution/Organization		
Arboretum or botanical garden	◉	○
Children's museum	○	◉
History or art museum	○	○
Natural history museum	○	○
Science-technology center or museum	○	○
Multi-type museum *(e.g., a museum that is both a science-technology museum and a natural history museum)*	○	○
Tribal museum	○	○
Nature or interpretive center	○	○
Planetarium or fulldome theater	○	○
Combined planetarium and science technology-center or museum	○	○
Zoo or a combined zoo/aquarium	○	○
Aquarium only	○	○
Library	○	○
Theater or theater organization	○	○
Community organization	○	○
Youth organization/after-school organization	○	○
Other informal learning institution/organization *(specify)*	○	○
Media Design and Production		
Exhibit design/fabrication firm/entity	○	○
Planetarium show production firm/entity	○	○
Independent film or media production firm/entity	○	○
Print media production firm/entity	○	○
Radio station or organization	○	○
Television station or organization	○	○
Television and radio station or organization	○	○
Website design firm/entity	○	○
Software design firm/entity	○	○
Digital/interactive media design and production firm/entity	○	○
Other media design/production *(specify)*	○	○
Educational Institution		

(CONTINUED ON NEXT PAGE)

Educational Institution		
Pre-K-12 district/school *(including charter schools and private schools)*	○	○
Continuing education institution	○	○
2-year college or community college	○	○
4-year college or university	○	○
Graduate or professional school	○	○
Other educational institution *(specify)*	○	○
Educational Support Services		
Educational or STEM materials development firm/entity	○	○
Educational or STEM research firm/entity	○	○
Other educational support services *(specify)*	○	○
Other		
Public or government agency	○	○
Evaluation or research firm/entity	○	○
Research and educational outreach firm/entity	○	○
Research laboratory/center	○	○
Consulting/public relations/marketing/communications firm/entity	○	○
Foundation or grant-making institution	○	○
Private company	○	○
National or regional association or professional organization	○	○
Other *(specify)*	○	○
Multi-category		
Multi-category *(e.g., two or more organization categories)*	○	○
Not Applicable		
Not Applicable *(i.e., the individual is not affiliated with an organization)*	○	○

B3. What role did this individual assume on your project? *(Select one Primary Role and as many Secondary Roles as apply.)*

	Primary Role *(select one)*	Secondary Role *(select all that apply)*
Principal investigator	◉	☐
Co-principal investigator	○	☑
Program management	○	☐
Committee member/chair	○	☐
Content specialist	○	☐
Materials design or development *(e.g., film producer, curriculum writer, exhibit designer)*	○	☐
Computer programmer or web designer	○	☐
Advisor/consultant	○	☐
Marketing and/or outreach *(e.g., program promoter, exhibit public relations, participant recruitment)*	○	☐
Educator/programming provider *(e.g., exhibit guide, after school leader)*	○	☐
Trainer	○	☐
External evaluator	○	☐
Internal evaluator	○	☐
Researcher	○	☐
Other *(specify)*	○	☐

B4. Please provide the following contact information for this individual:

Zip code: 22222

Telephone number: 222-222-2222

Email address: test@test.com

Save & Continue

(SELECTING "SAVE & CONTINUE" WILL RETURN YOU TO THE KEY PERSONNEL MAIN PAGE)

(B5-B8 ARE *COMPLETED* FOR EACH PERSON ENTERED IN THE CURRENT REPORT. EACH PERSON ENTERED IN THE CURRENT REPORT WILL HAVE A "DELETE" BUTTON IN THE FAR RIGHT COLUMN OF THE KEY PERSONNEL TABLE.)

Name: test key personnel 2

B5. With what organization is this individual affiliated? *(If no organization, enter "not applicable.")*

B6. Which of the following best describes the organization with which this individual is affiliated?

- Please select *one* organization type.
- If your organization is a division or department of a larger entity (e.g., a museum within a university), you should also provide information below about your division or department (as opposed to the larger entity) by selecting *one* division/department type.
- Select *Not Applicable* for both the organization and division if the individual is not affiliated with an organization.
- Select *Not Applicable* for division/department if there is no separate division within the organization.

	Organization	Division/ department
Informal Learning Institution/Organization		
Arboretum or botanical garden	○	○
Children's museum	○	○
History or art museum	○	○
Natural history museum	○	○
Science-technology center or museum	○	○
Multi-type museum *(e.g., a museum that is both a science-technology museum and a natural history museum)*	○	○
Tribal museum	○	○
Nature or interpretive center	○	○
Planetarium or fulldome theater	○	○
Combined planetarium and science technology-center or museum	○	○
Zoo or a combined zoo/aquarium	○	○
Aquarium only	○	○
Library	○	○
Theater or theater organization	○	○
Community organization	○	○
Youth organization/after-school organization	○	○
Other informal learning institution/organization *(specify)*	○	○
Media Design and Production		
Exhibit design/fabrication firm/entity	○	○
Planetarium show production firm/entity	○	○
Independent film or media production firm/entity	○	○
Print media production firm/entity	○	○
Radio station or organization	○	○
Television station or organization	○	○
Television and radio station or organization	○	○
Website design firm/entity	○	○
Software design firm/entity	○	○
Digital/interactive media design and production firm/entity	○	○
Other media design/production *(specify)*	○	○
Educational Institution		

(CONTINUED ON NEXT PAGE)

Educational Institution		
Pre-K-12 district/school *(including charter schools and private schools)*	○	○
Continuing education institution	○	○
2-year college or community college	○	○
4-year college or university	○	○
Graduate or professional school	○	○
Other educational institution *(specify)*	○	○
Educational Support Services		
Educational or STEM materials development firm/entity	○	○
Educational or STEM research firm/entity	○	○
Other educational support services *(specify)*	○	○
Other		
Public or government agency	○	○
Evaluation or research firm/entity	○	○
Research and educational outreach firm/entity	○	○
Research laboratory/center	○	○
Consulting/public relations/marketing/communications firm/entity	○	○
Foundation or grant-making institution	○	○
Private company	○	○
National or regional association or professional organization	○	○
Other *(specify)*	○	○
Multi-category		
Multi-category *(e.g., two or more organization categories)*	○	○
Not Applicable		
Not Applicable *(i.e., the individual is not affiliated with an organization)*	○	○

B7. What role did this individual assume on your project? *(Select one Primary Role and as many Secondary Roles as apply.)*

	Primary Role *(select one)*	**Secondary Role** *(select all that apply)*
Principal investigator	○	☐
Co-principal investigator	○	☐
Program management	○	☐
Committee member/chair	○	☐
Content specialist	○	☐
Materials design or development *(e.g., film producer, curriculum writer, exhibit designer)*	○	☐
Computer programmer or web designer	○	☐
Advisor/consultant	○	☐
Marketing and/or outreach *(e.g., program promoter, exhibit public relations, participant recruitment)*	○	☐
Educator/programming provider *(e.g., exhibit guide, after school leader)*	○	☐
Trainer	○	☐
External evaluator	○	☐
Internal evaluator	○	☐
Researcher	○	☐
Other *(specify)*	○	☐

B8. Please provide the following contact information for this individual:

Zip code:

Telephone number:

Email address:

Save & Continue

(SELECTING "SAVE & CONTINUE" WILL RETURN YOU TO THE KEY PERSONNEL MAIN PAGE)

AISL Online Project Monitoring System

Section Menu | Print | Glossary | Survey Navigation | Help Materials | Sign out

Key Members of the Project Team

This section collects information about each PI, co-PI, named advisor, key team member, and consultant that made substantial contributions to your AISL project and that had an ongoing relationship in the development of project deliverables. If you have questions concerning who would qualify as key personnel for the project team, please call your Westat contact person or email AISLhelp@westat.com.

Use the table below to review information about previously entered personnel and, if applicable, add information for new project team members.

STEP 1: Click each previously entered key person to review information.

- Review information about each individual to confirm that it is correct. To review and update information on an individual listed below, click on his or her name in the column titled *Name of Individual*.
- If an individual is no longer a part of your project, check the box in the column titled "No longer key personnel" and click the "Edit" button.

STEP 2: Add new key personnel.

- To add a member of your project team, type the individual's name in the text box in the *Name of Individual* column. Then, click the *Add* button in the right-hand column of the table.
- After the individual is added to the table, click on his or her name in the *Name of Individual* column to access and complete a set of questions for the individual.
- For the purposes of this collection, only include individuals that dedicated a significant amount of time and made substantial contributions to the project.

Name of Individual	Information Status	No longer key personnel	
Hannah the PI		☑	Edit
asdf	Complete	☐	Edit
test	Complete	☐	Edit
			Add

If you have completed adding and updating information on the individual members of your project team, please click the *Submit* button.

Submit

(SELECTING "SUBMIT" WILL SUBMIT SECTION B, MARK SECTION B AS "COMPLETE" ON THE SECTION MENU, AND RETURN TO THE SECTION MENU)

Section C: Organizational Partners

AISL Online Project Monitoring System

This final update has been authorized by the National Science Foundation. While you are not required to respond, your cooperation is needed to ensure that the results of this monitoring system comprehensive, accurate, and timely.

INSTRUCTIONS FOR COMPLETING THE AISL FINAL UPDATE

Project ID: 100
Award Type:

The National Science Foundation (NSF) is collecting information annually from all of its Advancing Informal STEM Learning (AISL) projects. The purpose is to obtain data that can be used to evaluate the collective impact of the AISL portfolio of funded projects, to monitor participants' activities and accomplishments, and to obtain information that can inform the design of future AISL efforts.

You should call your Westat contact person or email AISLhelp@westat.com if you have any questions about how to respond to a particular item.

Links are available at the top and bottom of the screen to assist you. For guidance on how to navigate the system, click on the *Survey Navigation* link. For information on the items contained in the survey and how to address them, click on the *Help Materials* link.

Please complete each of the following sections of the Final Update as they pertain to your AISL project. More than one person can log into the survey and enter information. You may complete the sections in any order. When you have started a section, the status will change to *Incomplete*. When you have completed a section, the status will change to *Complete*. Once all sections are complete, a *Submit Report* button will appear at the bottom of the page. Select the *Submit Report* button to complete and submit your survey.

	Status
Section A: Project and the Lead Organization	Complete
Section B: Key Members of the Project Team	Complete
Section C: Organizational Partners	Not Started
Section D: Products, Programs, or Experiences for Public Audiences	Not Started
Section E: Products, Programs, or Experiences for Professional Audiences	Not Started
Section F: Formative and Summative Evaluation Questions	Not Started
Section G: Project Accomplishments and Lessons Learned	Not Started
Section H: Future Directions	Not Started
Section I: Research Questions	Not Started
Final Submission Status: **Not complete**	

Organizational Partners

In this section, please provide information about each of your organizational partners. For the purposes of the OPMS, this includes project partners, sub-awardees and co-funders (who provide at least 10% of the total project budget). If you have questions concerning who would qualify as an organizational partner please cal your Westat contact person or email AISLhelp@westat.com.

Use the table below to review information about previously entered organizational partners, and if necessary, add information for new organizational partners.

STEP 1: Click each previously entered organizational partner to review information.

- Review information about each organizational partner to confirm that it is correct. To review and update information on an organization listed below, click o the organization's name in the column titled *Partner Organization*.
- If an organizational partner is no longer a part of your project, check the box in the column titled *No longer an organizational partner*.

STEP 2: Add new organizational partners.

- To add a new organizational partner, enter the organization's name in the text box in the *Partner Organization* column. Then, click the *Add* button in the right-hand column.
- Click the organization's name in the *Partner Organization* column to access and complete a set of questions for that organization.
- Do not include formative or summative evaluators here. You will enter information about evaluators in **Section F: Formative and Summative Evaluation Questions.**
- If a venue is also an organizational partner, please enter the information about this venue in this section and in **Section A: Project and the Lead Organization.** If the venue is not an organizational partner, please only enter the information in **Section A**.

Partner Organization	Partner Primary Contact	Information Status	No longer an organizational partner	
Org 1	test	Not Started	☐	Edit
				Add

If you have completed adding and updating your organization's partners, please click the *Submit* button.

Submit

(C1-C5 ARE *COMPLETED* FOR EACH PARTNER ENTERED IN THE CURRENT REPORT. EACH PARTNER ENTERED IN THE CURRENT REPORT WILL HAVE A "DELETE" BUTTON IN THE FAR RIGHT COLUMN OF THE PARTNER TABLE.)

C1. Organization name:
test organizational partner 2

C2. Division/department: *(If no division/department, enter "not applicable.")*

C3. Which of the following best describes this organization (or division within an organization)?

- Please select *one* organization type.
- If the organization is a division or department of a larger entity (e.g., a museum within a university), you should also provide information below about the division or department (as opposed to the larger entity) by selecting *one* division/department type.
- If there is no division/department for this organization, select *Not Applicable*.
- If the organization type for a given organization is not listed on the table below, select "other" (under Other) and provide specific information as to how the organization type should be coded. The information you provide will help us develop new organization codes for future collections.

	Organization	Division/ department
Informal Learning Institution/Organization		
Arboretum or botanical garden	○	○
Children's museum	○	○
History or art museum	○	○
Natural history museum	○	○
Science-technology center or museum	○	○
Multi-type museum *(e.g., a museum that is both a science-technology museum and a natural history museum)*	○	○
Tribal museum	○	○
Nature or interpretive center	○	○
Planetarium or fulldome theater	○	○
Combined planetarium and science technology-center or museum	○	○
Zoo or a combined zoo/aquarium	○	○
Aquarium only	○	○
Library	○	○
Theater or theater organization	○	○
Community organization	○	○
Youth organization/after-school organization	○	○
Other informal learning institution/organization *(specify)*	○	○
Media Design and Production		
Exhibit design/fabrication firm/entity	○	○
Planetarium show production firm/entity	○	○
Independent film or media production firm/entity	○	○
Print media production firm/entity	○	○
Radio station or organization	○	○
Television station or organization	○	○
Television and radio station or organization	○	○
Website design firm/entity	○	○
Software design firm/entity	○	○
Digital/interactive media design and production firm/entity	○	○
Other media design/production *(specify)*	○	○
Educational Institution		

(CONTINUED ON NEXT PAGE)

Educational Institution		
Pre-K-12 district/school *(including charter schools and private schools)*	○	○
Continuing education institution	○	○
2-year college or community college	○	○
4-year college or university	○	○
Graduate or professional school	○	○
Other educational institution *(specify)*	○	○
Educational Support Services		
Educational or STEM materials development firm/entity	○	○
Educational or STEM research firm/entity	○	○
Other educational support services *(specify)*	○	○
Other		
Public or government agency	○	○
Evaluation or research firm/entity	○	○
Research and educational outreach firm/entity	○	○
Research laboratory/center	○	○
Consulting/public relations/marketing/communications firm/entity	○	○
Foundation or grant-making institution	○	○
Private company	○	○
National or regional association or professional organization	○	○
Other *(specify)*	○	○
Multi-category		
Multi-category *(e.g., two or more organization categories)*	○	○
Not Applicable		
Not Applicable *(i.e., there is no division/department for this organization)*		○

C4. What role will this organization assume on your project?

1000 characters left

C5. Please provide the following contact information for this organization:

Primary point of contact:

Zip code:

Telephone number for the primary point of contact:

Email address for the primary point of contact:

Save & Continue

(SELECTING "SAVE & CONTINUE" WILL RETURN YOU TO THE PARTNER MAIN PAGE)

(C6 IS *REVIEWED AND UPDATED* FOR EACH PARTNER ENTERED IN A PREVIOUS REPORT. EACH PARTNER ENTERED IN A PREVIOUS REPORT WILL HAVE AN "EDIT" BUTTON IN THE FAR RIGHT COLUMN OF THE PARTNER TABLE. C6 IS SKIPPED IF THE BOX IS SELECTED IN THE COLUMN INDICATING THAT THE PARTNER IS "NO LONGER AN ORGANIZATIONAL PARTNER.")

C6. Please review and, if necessary, update the following contact information for this organization.

- If there are no changes, click the *Save & Continue* button.

Organizational Partner:	**test**
Primary point of contact:	test
Zip code:	22222
Telephone number for the primary point of contact:	222-222-2222
Email address for the primary point of contact:	test@test.com

Save & Continue

AISL Online Project Monitoring System

Section Menu | Print | Glossary | Survey Navigation | Help Materials | Sign out

Organizational Partners

In this section, please provide information about each of your organizational partners. For the purposes of the OPMS, this includes project partners, sub-awardees, and co-funders (who provide at least 10% of the total project budget). If you have questions concerning who would qualify as an organizational partner please call your Westat contact person or email AISLhelp@westat.com.

Use the table below to review information about previously entered organizational partners, and if necessary, add information for new organizational partners.

STEP 1: Click each previously entered organizational partner to review information.

- Review information about each organizational partner to confirm that it is correct. To review and update information on an organization listed below, click on the organization's name in the column titled *Partner Organization*.
- If an organizational partner is no longer a part of your project, check the box in the column titled *No longer an organizational partner*.

STEP 2: Add new organizational partners.

- To add a new organizational partner, enter the organization's name in the text box in the *Partner Organization* column. Then, click the *Add* button in the right-hand column.
- Click the organization's name in the *Partner Organization* column to access and complete a set of questions for that organization.
- Do not include formative or summative evaluators here. You will enter information about evaluators in **Section F: Formative and Summative Evaluation Questions.**
- If a venue is also an organizational partner, please enter the information about this venue in this section and in **Section A: Project and the Lead Organization.** If the venue is not an organizational partner, please only enter the information in **Section A**.

Partner Organization	Partner Primary Contact	Information Status	No longer an organizational partner	
Org 1	test	Complete	☐	Edit
				Add

If you have completed adding and updating your organization's partners, please click the *Submit* button.

Submit

(SELECTING "SUBMIT" WILL SUBMIT SECTION C, MARK SECTION C AS "COMPLETE" ON THE SECTION MENU, AND RETURN TO THE SECTION MENU)

Section D: Products, Programs, or Experiences for Public Audiences

AISL Online Project Monitoring System

This final update has been authorized by the National Science Foundation. While you are not required to respond, your cooperation is needed to ensure that the results of this monitoring system comprehensive, accurate, and timely.

INSTRUCTIONS FOR COMPLETING THE AISL FINAL UPDATE

Project ID: 100
Award Type:

The National Science Foundation (NSF) is collecting information annually from all of its Advancing Informal STEM Learning (AISL) projects. The purpose is to obtain data that can be used to evaluate the collective impact of the AISL portfolio of funded projects, to monitor participants' activities and accomplishments, and to obtain information that can inform the design of future AISL efforts.

You should call your Westat contact person or email AISLhelp@westat.com if you have any questions about how to respond to a particular item.

Links are available at the top and bottom of the screen to assist you. For guidance on how to navigate the system, click on the *Survey Navigation* link. For information on the items contained in the survey and how to address them, click on the *Help Materials* link.

Please complete each of the following sections of the Final Update as they pertain to your AISL project. More than one person can log into the survey and enter information. You may complete the sections in any order. When you have started a section, the status will change to *Incomplete*. When you have completed a section, the status will change to *Complete*. Once all sections are complete, a *Submit Report* button will appear at the bottom of the page. Select the *Submit Report* button to complete and submit your survey.

	Status
Section A: Project and the Lead Organization	Complete
Section B: Key Members of the Project Team	Complete
Section C: Organizational Partners	Complete
Section D: Products, Programs, or Experiences for Public Audiences	Not Started
Section E: Products, Programs, or Experiences for Professional Audiences	Not Started
Section F: Formative and Summative Evaluation Questions	Not Started
Section G: Project Accomplishments and Lessons Learned	Not Started
Section H: Future Directions	Not Started
Section I: Research Questions	Not Started
Final Submission Status: **Not complete**	

Deliverable List

Use the tables below to review and update information about previously entered public audience deliverables and, if necessary, add information for new public audience deliverables.

- The information collected for each deliverable is very important, and you should carefully consider your response to each item. The information you provide will maximize the AISL program's capacity to report on specific trends and accomplishments at the program, project, and deliverable levels.

STEP 1: In the first table below, review and update previously entered deliverables.

- To review and update information on a deliverable, click on the deliverable name in the column titled *Previously Entered Deliverable Name*.
- Clicking on the deliverable name will bring you to a set of questions about deliverable accomplishments over the course of the AISL grant award period.

STEP 2: In the second table below, add new public audience deliverables.

- To add a deliverable, enter the deliverable name in the text box in the *New Deliverable Name* column. Then, click the *Add* button in the right-hand column of the table.
- Your project will likely have multiple deliverables (e.g., a museum exhibit and a website). You should enter the name of each deliverable that was not entered in a previous report. Click here to review the OPMS list of public audience deliverable types. If your deliverable type is not included on this list, you can enter it in an "Other" category when you provide information about the deliverable type.
- After you add a deliverable, click on the deliverable name in the *New Deliverable Name* column.
- Clicking on the deliverable name will bring you to a set of questions about this deliverable and what it accomplished over the course of the AISL grant award period.

Previously Entered Deliverable Name	Information Status
test - website	Not Started

New Deliverable Name	Information Status	
		Add

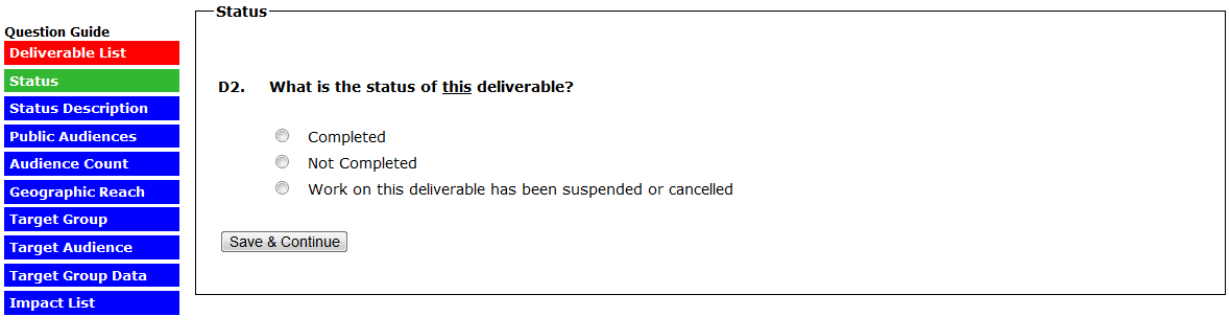
If you have completed adding and updating the public audience deliverables, please click the *Submit* button.

Submit

(SELECTING A DELIVERABLE IN THE "PREVIOUSLY ENTERED DELIVERABLE" TABLE WILL BRING YOU TO D2-D12D. D2-D12D ASK ABOUT DELIVERABLE ACTIVITIES OVER THE COURSE OF THE AISL GRANT.)

(SELECTING A DELIVERABLE IN THE "NEW DELIVERABLE" TABLE WILL BRING YOU TO D13-D25. D13-D25 ASK ABOUT DELIVERABLE ACTIVITIES OVER THE COURSE OF THE AISL GRANT.)

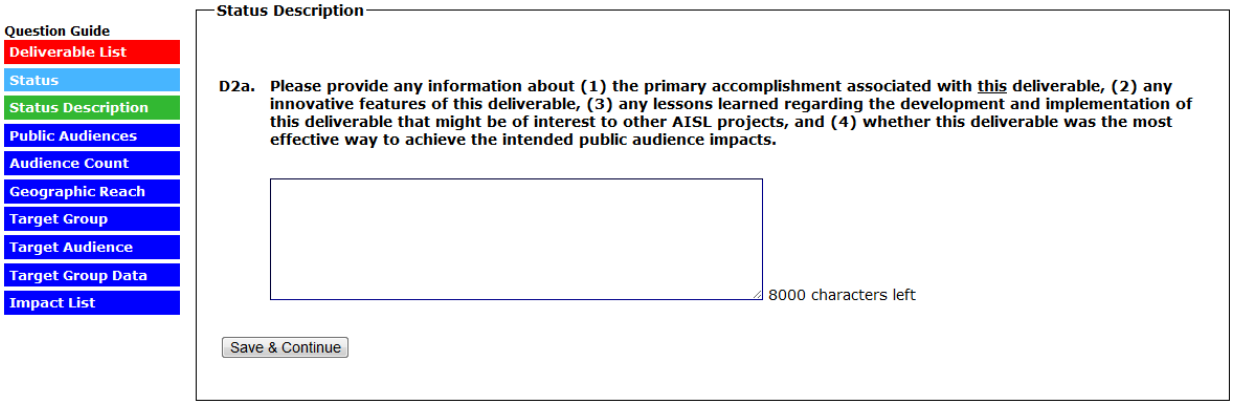
(SELECTING A DELIVERABLE IN THE "PREVIOUSLY ENTERED DELIVERABLE" TABLE WILL BRING YOU TO D2)

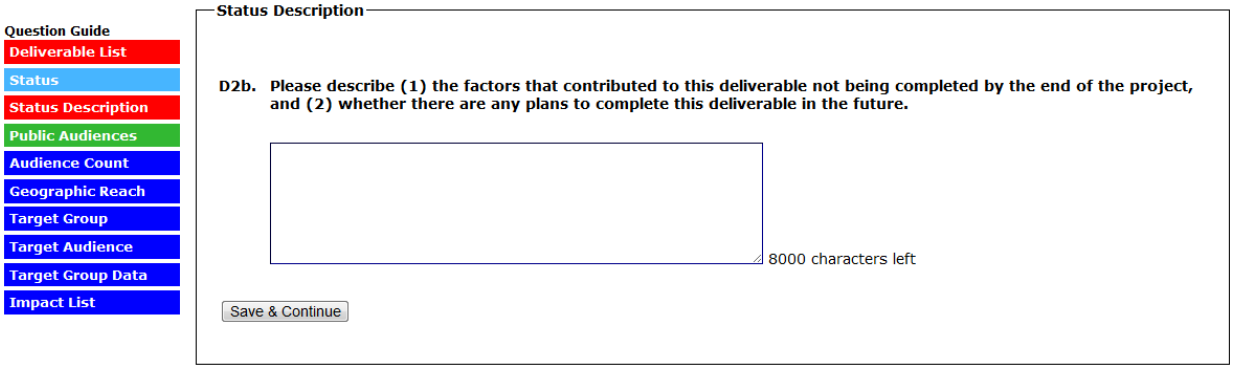


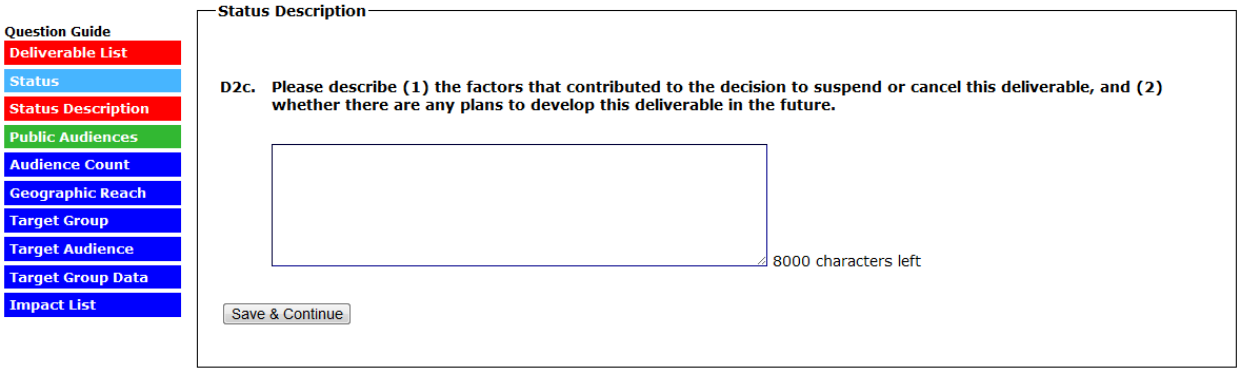
(IN D2, SELECTING "COMPLETE" SKIPS TO D2A)

(IN D2, SELECTING "NOT COMPLETE" SKIPS TO D2B)

(IN D2, SELECTING "WORK ON THE DELIVERABLE HAS BEEN SUSPENDED OR CANCELLED" SKIPS TO D2C)







(SELECTING NO TO D3 SKIPS TO D9/IMPACT LIST)

Question Guide
- Deliverable List
- Status
- Status Description
- Public Audiences
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Public Audiences

D3. Did this deliverable reach any public audiences over the course of your AISL grant?

- (•) Yes
- ( ) No

Save & Continue

(THE VERSION OF D4 THAT APPEARS FOR "AUDIENCE COUNT" DEPENDS ON THE DELIVERABLE TYPE SELECTED WHEN THE DELIVERABLE WAS ADDED IN A PREVIOUS REPORT. ALTHOUGH ALL EIGHT D4 ITEMS ARE DISPLAYED BELOW, ONLY ONE OF THE D4 QUESTIONS IS ANSWERED FOR EACH DELIVERABLE.)

Question Guide
- Deliverable List
- Status
- Status Description
- Public Audiences
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Audience Count

D4a. In the table below, please select the method(s) that were used to deliver this product, program, or experience to your public audiences over the course of your AISL grant.

For each selected delivery method, provide the number of individuals that you reached with *this* deliverable over the course of your AISL grant.

- The delivery method(s) you checked in earlier reports have already been selected. Please check or uncheck delivery methods as needed to reflect which delivery methods your project used over the course of your AISL grant.

If possible, provide an **unduplicated count** of the number of individuals that used a given delivery method to listen, view, read, and/or use *this* deliverable during the AISL grant award period. *If you are only providing an unduplicated count, please leave the duplicated count field blank.*

Click here for the AISL definition of unduplicated counts.

In cases where it is not possible to provide an unduplicated count for a given delivery method, provide a **duplicated count** of the number of individuals that listened to, viewed, read, and/or used *this* deliverable. If you are only providing a *duplicated count, please leave the unduplicated count field blank.*

Click here for the AISL definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

	Delivery Methods for Audio or Video	Unduplicated Count	Duplicated Count	Unable to determine at this time
☐	DVD or CD-ROM			☐
☐	Accessed at an exhibit *(e.g., video segment that appears in a museum exhibit)*			☐
☑	AM/FM/HD/satellite radio			☐
☐	Television *(e.g., network or cable)*			☐
☐	Theater at an informal science education institution *(e.g., IMAX theater in a museum, planetarium)*			☐
☐	Commercial theater *(e.g., movie theater)*			☐
☐	Theater in another setting *(e.g., community center)*			☐
☐	Fulldome			☐
☐	Project website: Video/Audio that can be accessed or downloaded *(e.g., as a podcast)* from *your project* website			☐
☐	Non-project website: Video/Audio that can be accessed or downloaded *(e.g., as a podcast)* on other *non-project* websites *(e.g., YouTube, Facebook, Twitter, Instagram, or other social networking sites)*			☐
☐	Other *(specify)*			☐

Save & Continue

Question Guide
- Deliverable List
- Status
- Status Description
- Public Audiences
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Audience Count

D4b. In the table below, please select the method(s) that were used to deliver this product, program, or experience to your public audiences over the course of your AISL grant.

For each selected delivery method, provide the number of individuals that you reached with *this* deliverable over the course of your AISL grant.

- The delivery method(s) you checked in earlier reports have already been selected. Please check or uncheck delivery methods as needed to reflect which delivery methods your project used over the course of your AISL grant.

If possible, provide an **unduplicated count** of the number of individuals that used a given delivery method to listen, view, read, and/or use *this* deliverable during the AISL grant award period. *If you are only providing an unduplicated count, please leave the duplicated count field blank.*

Click here for the AISL definition of unduplicated counts.

In cases where it is not possible to provide an unduplicated count for a given delivery method, provide a **duplicated count** of the number of individuals that listened to, viewed, read, and/or used *this* deliverable. If you are only providing a *duplicated count, please leave the unduplicated count field blank.*

Click here for the AISL definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

Delivery Methods for Exhibit	Unduplicated Count	Duplicated Count	Unable to determine at this time
☑ Permanent exhibit *(create/revise exhibit at one or more public venues)*			☐

Save & Continue

Question Guide
- Deliverable List
- Status
- Status Description
- Public Audiences
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Audience Count

D4c. In the table below, please select the method(s) that were used to deliver this product, program, or experience to your public audiences over the course of your AISL grant.

For each selected delivery method, provide the number of individuals that you reached with *this* deliverable over the course of your AISL grant.

- The delivery method(s) you checked in earlier reports have already been selected. Please check or uncheck delivery methods as needed to reflect which delivery methods your project used over the course of your AISL grant.

If possible, provide an **unduplicated count** of the number of individuals that used a given delivery method to listen, view, read, and/or use *this* deliverable during the AISL grant award period. *If you are only providing an unduplicated count, please leave the duplicated count field blank.*

Click here for the AISL definition of unduplicated counts.

In cases where it is not possible to provide an unduplicated count for a given delivery method, provide a **duplicated count** of the number of individuals that listened to, viewed, read, and/or used *this* deliverable. If you are only providing a *duplicated count, please leave the unduplicated count field blank.*

Click here for the AISL definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

Delivery Methods for Programs, Events, and Activities	Unduplicated Count	Duplicated Count	Unable to determine at this time
☐ In-person or field-based activity *(e.g., students at an after-school/summer program, adults attending a science café at a public venue, scientists taking questions at a museum)*			☐
☐ Theater at an informal science education venue *(e.g., a museum)*			☐
☐ Professional theater			☐
☐ Theater in another setting *(e.g., community center)*			☐
☑ Real-time online discussion group and/or videoconferencing *(e.g., Skype)*			☐
☐ Project website: Accessed/used/downloaded from *your project* website			☐
☐ Non-project website: Accessed/used/downloaded on other *non-project* websites *(e.g., Facebook, Twitter, Instagram, or other social networking sites)*			☐
☐ Mobile/wireless device *(e.g., submitting data on a cell phone via texting)*			☐
☐ Other *(specify)*			☐

Save & Continue

Question Guide

- Deliverable List
- Status
- Status Description
- Public Audiences
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Audience Count

D4d. In the table below, please select the method(s) that were used to deliver this product, program, or experience to your public audiences over the course of your AISL grant.

For each selected delivery method, provide the number of individuals that you reached with *this* deliverable over the course of your AISL grant.

- The delivery method(s) you checked in earlier reports have already been selected. Please check or uncheck delivery methods as needed to reflect which delivery methods your project used over the course of your AISL grant.

If possible, provide an **unduplicated count** of the number of individuals that used a given delivery method to listen, view, read, and/or use *this* deliverable during the AISL grant award period. *If you are only providing an unduplicated count, please leave the duplicated count field blank.*

Click here for the AISL definition of unduplicated counts.

In cases where it is not possible to provide an unduplicated count for a given delivery method, provide a **duplicated count** of the number of individuals that listened to, viewed, read, and/or used *this* deliverable. If you are only providing a *duplicated count, please leave the unduplicated count field blank.*

Click here for the AISL definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

	Delivery Methods for Resource Materials and Information Sharing	Unduplicated Count	Duplicated Count	Unable to determine at this time
☐	Printed hard copy materials			☐
☐	Project website: Accessed/used/downloaded from your project website			☐
☐	Non-project website: Accessed/used/downloaded on other non-project websites *(e.g., Facebook, Twitter, Instagram, or other social networking sites)*			☐
☐	In-person or field-based activity *(e.g., informal learners attending a lecture by scientists at a museum or participating in a forum)*			☐
☑	Real-time online discussion group and/or videoconferencing *(e.g., Skype)*			☐
☐	Physical materials *(e.g., manipulatives)*			☐
☐	Mobile/wireless device			☐
☐	Other *(specify)*			☐

Save & Continue

Question Guide

- Deliverable List
- Status
- Status Description
- Public Audiences
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Audience Count

D4e. In the table below, please select the method(s) that were used to deliver this product, program, or experience to your public audiences over the course of your AISL grant.

For each selected delivery method, provide the number of individuals that you reached with *this* deliverable over the course of your AISL grant.

- The delivery method(s) you checked in earlier reports have already been selected. Please check or uncheck delivery methods as needed to reflect which delivery methods your project used over the course of your AISL grant.

If possible, provide an **unduplicated count** of the number of individuals that used a given delivery method to listen, view, read, and/or use *this* deliverable during the AISL grant award period. *If you are only providing an unduplicated count, please leave the duplicated count field blank.*

Click here for the AISL definition of unduplicated counts.

In cases where it is not possible to provide an unduplicated count for a given delivery method, provide a **duplicated count** of the number of individuals that listened to, viewed, read, and/or used *this* deliverable. If you are only providing a *duplicated count, please leave the unduplicated count field blank.*

Click here for the AISL definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

	Delivery Methods	Unduplicated Count	Duplicated Count	Unable to determine at this time
☑	Database located on your project website *(e.g., database to collect data from citizen scientists)*			☐

Save & Continue

Question Guide

- Deliverable List
- Status
- Status Description
- Public Audiences
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Audience Count

D4f. In the table below, please select the method(s) that were used to deliver this product, program, or experience to your public audiences over the course of your AISL grant.

For each selected delivery method, provide the number of individuals that you reached with *this* deliverable over the course of your AISL grant.

- The delivery method(s) you checked in earlier reports have already been selected. Please check or uncheck delivery methods as needed to reflect which delivery methods your project used over the course of your AISL grant.

If possible, provide an **unduplicated count** of the number of individuals that used a given delivery method to listen, view, read, and/or use *this* deliverable during the AISL grant award period. *If you are only providing an unduplicated count, please leave the duplicated count field blank.*

Click here for the AISL definition of unduplicated counts.

In cases where it is not possible to provide an unduplicated count for a given delivery method, provide a **duplicated count** of the number of individuals that listened to, viewed, read, and/or used *this* deliverable. If you are only providing a *duplicated count, please leave the unduplicated count field blank.*

Click here for the AISL definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

Delivery Methods for Games and Information and Communication Technologies	Unduplicated Count	Duplicated Count	Unable to determine at this time
☐ Project website: Accessed/used/downloaded from your project website			☐
☐ Non-project website: Accessed/used/downloaded on other non-project websites *(e.g., Facebook, Twitter, Instagram, or other social networking sites)*			☐
☐ Exhibit: Accessed/used at an exhibit *(e.g., at a kiosk in a museum exhibit)*			☐
☐ Downloaded to computer or other device			☐
☑ DVD or CD-ROM			☐
☐ Video game			☐
☐ Board game			☐
☐ Mobile/wireless device *(e.g., GPS, iPad)*			☐
☐ Other *(specify)*			☐

Save & Continue

Question Guide

- Deliverable List
- Status
- Status Description
- Public Audiences
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Audience Count

D4g. In the table below, please select the method(s) that were used to deliver this product, program, or experience to your public audiences over the course of your AISL grant.

For each selected delivery method, provide the number of individuals that you reached with *this* deliverable over the course of your AISL grant.

- The delivery method(s) you checked in earlier reports have already been selected. Please check or uncheck delivery methods as needed to reflect which delivery methods your project used over the course of your AISL grant.

If possible, provide an **unduplicated count** of the number of individuals that used a given delivery method to listen, view, read, and/or use *this* deliverable during the AISL grant award period. *If you are only providing an unduplicated count, please leave the duplicated count field blank.*

Click here for the AISL definition of unduplicated counts.

In cases where it is not possible to provide an unduplicated count for a given delivery method, provide a **duplicated count** of the number of individuals that listened to, viewed, read, and/or used *this* deliverable. If you are only providing a *duplicated count, please leave the unduplicated count field blank.*

Click here for the AISL definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

	Delivery Methods	Unduplicated Count	Duplicated Count	Unable to determine at this time
☐	Project Website			☐

Save & Continue

Question Guide

- Deliverable List
- Status
- Status Description
- Public Audiences
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Audience Count

D4h. In the table below, please select the method(s) that were used to deliver this product, program, or experience to your public audiences over the course of your AISL grant.

For each selected delivery method, provide the number of individuals that you reached with *this* deliverable over the course of your AISL grant.

- The delivery method(s) you checked in earlier reports have already been selected. Please check or uncheck delivery methods as needed to reflect which delivery methods your project used over the course of your AISL grant.

If possible, provide an **unduplicated count** of the number of individuals that used a given delivery method to listen, view, read, and/or use *this* deliverable during the AISL grant award period. *If you are only providing an unduplicated count, please leave the duplicated count field blank.*

Click here for the AISL definition of unduplicated counts.

In cases where it is not possible to provide an unduplicated count for a given delivery method, provide a **duplicated count** of the number of individuals that listened to, viewed, read, and/or used *this* deliverable. If you are only providing a *duplicated count, please leave the unduplicated count field blank.*

Click here for the AISL definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

	Delivery Methods	Unduplicated Count	Duplicated Count	Unable to determine at this time
☑	Other			☐

Save & Continue

Question Guide
Deliverable List
Status
Status Description
Public Audiences
Audience Count
Geographic Reach
Target Group
Target Audience
Target Group Data
Impact List

Geographic Reach

D5. Which of the following best describes the actual geographic reach of the public audiences that accessed or used this deliverable over the course of your AISL grant? *(Check one.)*

- **Single community or metropolitan region**
  Select even if the community or metropolitan region spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia).
- **Multiple communities within a single state or U.S. territory**
  Select if the deliverable reached public audiences in two or more communities or metropolitan regions within a single state (e.g., a radio program that will be broadcast in Los Angeles and San Francisco).
- **Multiple states and or U.S. territories**
  Do not select if the deliverable only reached a public audience in a single metropolitan area that spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia).

  Specify in how many states and/or territories this deliverable reached public audiences over the course of your AISL grant: [ ]

D6. Did this deliverable TARGET international public audiences outside of the United States and U.S. territories over the course of the AISL grant?

DO NOT select "Yes" if international audiences were passive observers/consumers of the deliverable.

- For example, a website is not targeting international audiences merely because it is accessible to an international audience via the internet. A website only TARGETS international audiences if it is specifically *designed for* or is *marketed to* a specific international audience.

Click here to show examples of how a deliverable is targeted to international public audiences.

- No
- Yes

If Yes, please describe the EXACT steps that were taken to TARGET international public audiences with this deliverable over the course of the AISL grant:

2000 characters left

Save & Continue

(IN D7, SELECTING "THE GENERAL PUBLIC ONLY" SKIPS D7A AND D7B)

Question Guide
Deliverable List
Status
Status Description
Public Audiences
Audience Count
Geographic Reach
Target Group
Target Audience
Target Group Data
Impact List

Target Group

D7. Which of the following best describes the public audience(s) that were targeted by this deliverable over the course of your AISL grant? *(Check one.)*

- For the purposes of this item, **target group** refers to (1) a specific age group (e.g., youth, age 5-10), (2) caregivers interacting with their children, and/or (3) public audiences traditionally underrepresented in STEM.

- **The general public only** *(i.e., there was **NO** effort to direct this deliverable toward a specific target group)*
- **The general public AND specific target groups** *(i.e., the deliverable targeted **BOTH** the general public **AND** one or more specific target groups)*
- **A specific target group only** *(i.e., the deliverable targeted a specific target group(s)—but **NOT** the general public)*

Save & Continue

Question Guide
Deliverable List
Status
Status Description
Public Audiences
Audience Count
Geographic Reach
Target Group
Target Audience
Target Group Data
Impact List

Target Audience

D7a. Which of the following age groups and/or public audiences underrepresented in STEM did this deliverable TARGET over the course of the AISL grant? *(Check all that apply.)*

- DO NOT select a public audience type unless there was a specific effort to reach that audience through targeted outreach and/or the deliverable was specifically designed for a specific group. For example, even though an exhibit is accessible to all public audience types, an exhibit only TARGETS a public audience type if it is specifically *designed for* or *marketed to* that audience.

Age Groups

- ☐ Children, age 0–4
- ☐ Children, age 5–10
- ☐ Youth, age 11–14
- ☐ Youth, age 15–18
- ☐ Adults, age 19–54
- ☐ Seniors, age 55 and over

Public Audiences Traditionally Underrepresented in STEM

- ☐ English language learners
- ☐ Racial groups
- ☐ Ethnic groups
- ☐ Persons with disabilities
- ☐ Low income individuals/families
- ☐ Residents in an inner city
- ☐ Residents in a rural community
- ☐ Women/girls

Other

- ☐ Families *(i.e., parents or other caregivers interacting with children)*
- ☐ Other *(specify)* [ ]

D7b. Please describe the EXACT steps that were taken over the course of the AISL grant to TARGET *this* deliverable to EACH of the age groups and/or public audiences underrepresented in STEM selected in D7a.

Click here to show examples of how deliverables target public audiences.

[ ] 2000 characters left

Save & Continue

Question Guide
Deliverable List
Status
Status Description
Public Audiences
Audience Count
Geographic Reach
Target Group
Target Audience
Target Group Data
Impact List

Target Group Data

D8. For this deliverable, did your project obtain a count for any of the following public audience characteristics over the course of your AISL grant? *(Check all that apply.)*

- Mark each characteristic for which your project obtained a count or subset of counts.
- Mark "No" if your project did not obtain counts for any of the below categories.

- ☐ Gender
- ☐ Race/ethnicity
- ☐ Age
- ☐ Public audiences traditionally underrepresented in STEM
- ☐ Families
- ☐ No, my project did not obtain counts for any of the above categories for this deliverable

Save & Continue

Question Guide

- Deliverable List
- Status
- Status Description
- Public Audiences
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Impact List

D9. Please review and update each impact for this deliverable and, if necessary, add new impacts this deliverable is designed to achieve with your public audiences.

The table below should list impact statements that depict **EACH** of the public audience outcomes that are expected to occur as a result of **THIS** deliverable.

Each impact statement should be a single *sentence* that describes *how* a target audience will change as a result of exposure to this deliverable. A well-written impact statement will include the following information:

- The **public audience** that will change as result of exposure to this deliverable *(e.g., middle school girls)*;
- The **type of change** that will be observed *(e.g., an increase in knowledge or awareness)*; and
- The **subject or content area** that is the focus of the impact.

A deliverable can have *multiple* impacts—e.g., one for increased knowledge **AND** another for enhanced interest. You should **NOT** combine two impacts into a single statement.

Click here to hide examples of impact statements for public audiences.

- Middle school girls will *learn* about the scientific research process.
- Middle school girls will be *interested* in the scientific research process.
- Middle school girls will have more *positive attitudes* toward scientific careers.
- Middle school girls *will conduct* scientific research.
- Middle school girls will demonstrate specific *skills* necessary to carry out scientific research.

Once you have updated/created this list, you will answer a set of questions for each impact statement. *You should consult with your evaluator when updating/generating the list of impact statements and answering the corresponding questions.*

STEP 1: Review and update previously entered impacts.

- To review and update the impact(s) for this deliverable, click on the impact statement in the *Impact Statement* column.
- After reviewing and updating an impact, you will report on the extent to which your project achieved the impact.

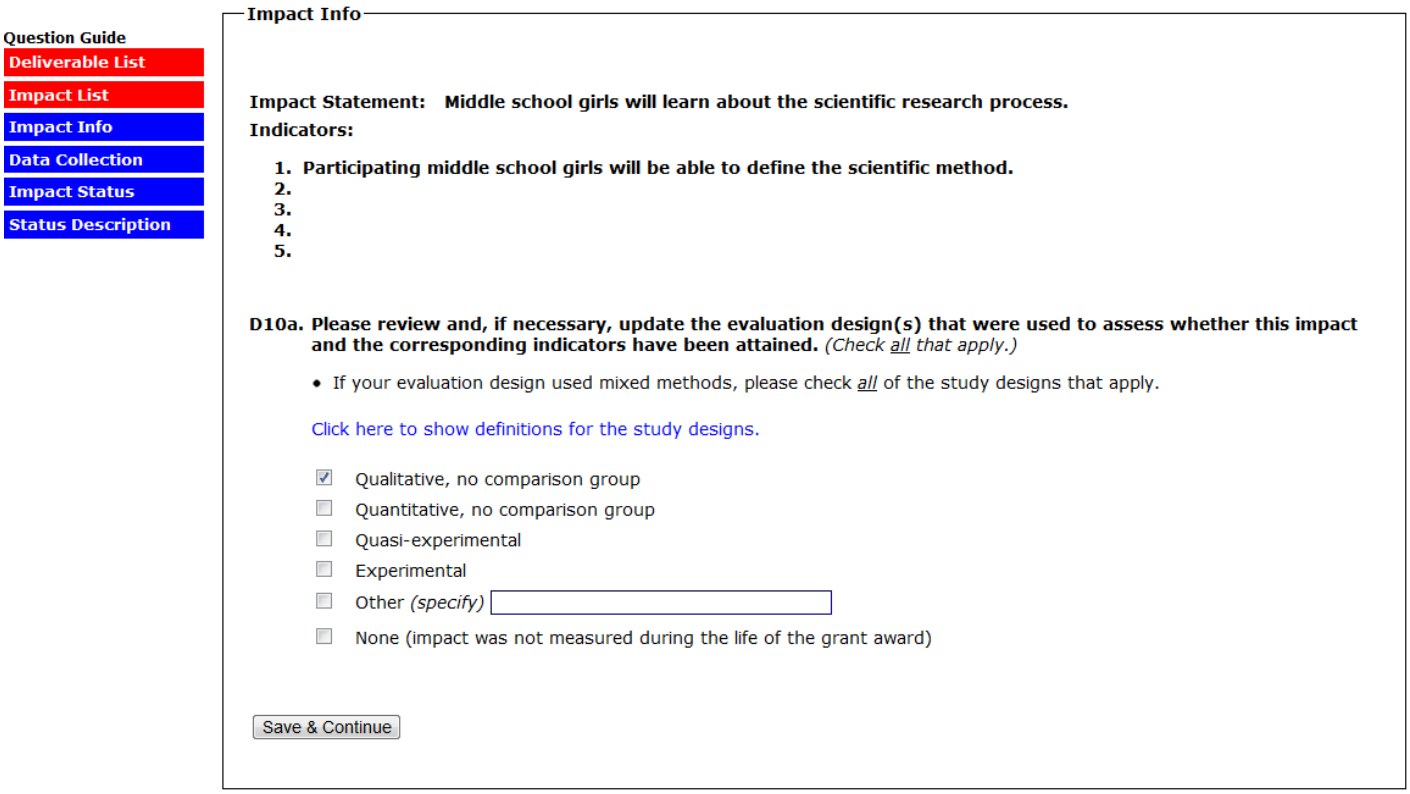
STEP 2: Add new impacts.

- To add an impact, enter the impact statement in the text box in the *Impact Statement* column. Then, click the *Add* button in the right-hand column of the table.
- After you add an impact, the impact statement becomes a link to a set of questions about the impact and the extent to which your project achieved the impact. Click on the impact statement in the *Impact Statement* column to access and complete the questions for that impact.
- Click here to obtain background information about impacts, indicators, impact categories, study designs, and data collection methods.

Impact Statement (see examples above)	Information Status	
Middle school girls will learn about the scientific research process.	Not Started	
Newly entered impact:Middle school girls will be interested in the scientific research process.	Not Started	Edit Delete
		Add

Save & Continue

(D10A to D11A-E ARE COMPLETED/REVIEWED AND UPDATED FOR EACH IMPACT STATEMENT ENTERED IN A PREVIOUS REPORT. EACH IMPACT ENTERED IN A PREVIOUS REPORT WILL HAVE NO BUTTONS/OPTIONS IN THE FAR RIGHT COLUMN OF THE IMPACT TABLE.)



(SELECTING "NONE" TO 10A SKIPS D10B)

Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Status
Status Description

Data Collection

Impact Statement: Middle school girls will learn about the scientific research process.

Indicators:

1. **Participating middle school girls will be able to define the scientific method.**
2.
3.
4.
5.

D10b. Please review and, if necessary, update the data collection methods that your project used to determine if this impact and the corresponding indicators have been attained. *(Check all that apply.)*

In responding to this item, please indicate whether each data collection activity occurred:

- **Prior to the AISL activity** *(data collected at any point in time before a participant engages in the AISL activity)*
- **During/at the end of the AISL activity** *(data collected while/ immediately after the participant engages in the AISL activity—e.g., an exit interview when leaving an exhibit)*
- **At some point after the AISL activity** *(data collected at some point after the participant has ended engagement with the activity)*

Data Collection Activity	When data will be collected		
	Prior to the AISL deliverable/ activity	**During/at the end of** the AISL deliverable/ activity	At some point **after** the AISL deliverable/ activity
Administrative/participation data			
Museum attendance *(e.g., for specific exhibits)*	☐	☐	☐
Program attendance *(e.g., number participating in youth programs/professional development sessions)*	☐	☐	☐
Number of viewers *(e.g., for a movie, radio program, or television show)*	☐	☐	☐
Readership/citation/usage records	☐	☐	☐
Number of requests for deliverable	☐	☐	☐
Number of published or completed products by audience members	☐	☐	☐
Website downloads	☐	☐	☐
Website submissions	☐	☐	☐
Website hits	☐	☐	☐
School records *(e.g., grades, test scores, course enrollment)*	☐	☐	☐
Other administrative/participation data *(specify)*	☐	☐	☐
Data collected via the web/email			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Web logs by study subjects	☐	☐	☐
Other data collected via the web/email *(specify)*	☐	☐	☐
Data collected via telephone			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews	☐	☐	☐
Other data collected via telephone *(specify)*	☐	☐	☐
Data collected AT informal science education venues/programs			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews *(e.g., exit interviews)*	☑	☑	☑
Tracking and timing studies	☐	☐	☐
Direct observations of visitors'/participants'/ educators' conversations and/or behavior	☐	☐	☐
Recording visitors'/participants'/educators' conversations and/or behavior	☐	☐	☐
Diaries/journals/records maintained by study subjects *while at the informal science education venue/program*	☐	☐	☐
Problem-solving tasks/sorting tasks/drawing tasks/concept maps	☐	☐	☐
Learner artifacts	☐	☐	☐
Think-aloud techniques/protocols	☐	☐	☐
Other data collected AT informal science education venues/programs *(specify)*	☐	☐	☐
Data collected OUTSIDE of informal science education venues/other educational settings (e.g., in a participant's home)			

(CONTINUED ON NEXT PAGE)

Data collected OUTSIDE of informal science education venues/other educational settings (e.g., in a participant's home)			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews	☐	☐	☐
Direct observations of study subjects' conversations/behavior *outside of the informal science venue/program*	☐	☐	☐
Diaries/journals/records maintained by study subjects *outside of the informal science education venue/program*	☐	☐	☐
Other data collected OUTSIDE of informal science venues/other educational settings *(specify)*	☐	☐	☐
Other			
Other *(specify)*	☐	☐	☐

Save & Continue

Question Guide

- Deliverable List
- Impact List
- Impact Info
- Data Collection
- Impact Status
- Status Description

Impact Status

Impact Statement: Middle school girls will learn about the scientific research process.

Indicators:

1. **Participating middle school girls will be able to define the scientific method.**
2.
3.
4.
5.

D11. Please indicate the extent to which this impact has been met. If applicable, you may refer to the impact's original indicators.

- ○ Impact has been met and represents a major accomplishment
- ○ Impact has been met
- ○ Impact has not been met
- ○ Progress toward this impact has not been measured
- ○ Impact is no longer applicable

Save & Continue

(IN D11, SELECTING "IMPACT HAS BEEN MET AND REPRESENTS A MAJOR ACCOMPLISHMENT" SKIPS TO D11A)

(IN D11, SELECTING "IMPACT HAS BEEN MET" SKIPS TO D11B)

(IN D11, SELECTING "IMPACT HAS NOT BEEN MET" SKIPS TO D11C)

(IN D11, SELECTING "PROGRESS TOWARD THIS IMPACT HAS NOT BEEN MEASURED" SKIPS TO D11D)

(IN D11, SELECTING "IMPACT IS NO LONGER APPLICABLE" SKIPS TO D11E)

Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Status
Status Description

Status Description

Impact Statement: Middle school girls will learn about the scientific research process.
Indicators:

1. **Participating middle school girls will be able to define the scientific method.**
2.
3.
4.
5.

D11a. Please provide evidence that this impact has been met and explain why it represents a significant accomplishment. In your response, provide any data from your evaluation study that demonstrates both the extent and significance of the impact. If applicable, you may also refer to the impact's original indicators.

- Your answer should also provide any data and findings generated around this impact. If possible, also provide the source and citation in your summative report or other deliverables.

8000 characters left

Save & Continue

Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Status
Status Description

Status Description

Impact Statement: Middle school girls will learn about the scientific research process.
Indicators:

1. **Participating middle school girls will be able to define the scientific method.**
2.
3.
4.
5.

D11b. Please provide evidence that this impact has been met. In your response, provide any data from your evaluation study that demonstrates the extent of the impact. If applicable, you may also refer to the impact's original indicators.

- Your answer should also provide any data and findings generated around this impact. If possible, also provide the source and citation in your summative report or other deliverables.

8000 characters left

Save & Continue

Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Status
Status Description

Status Description

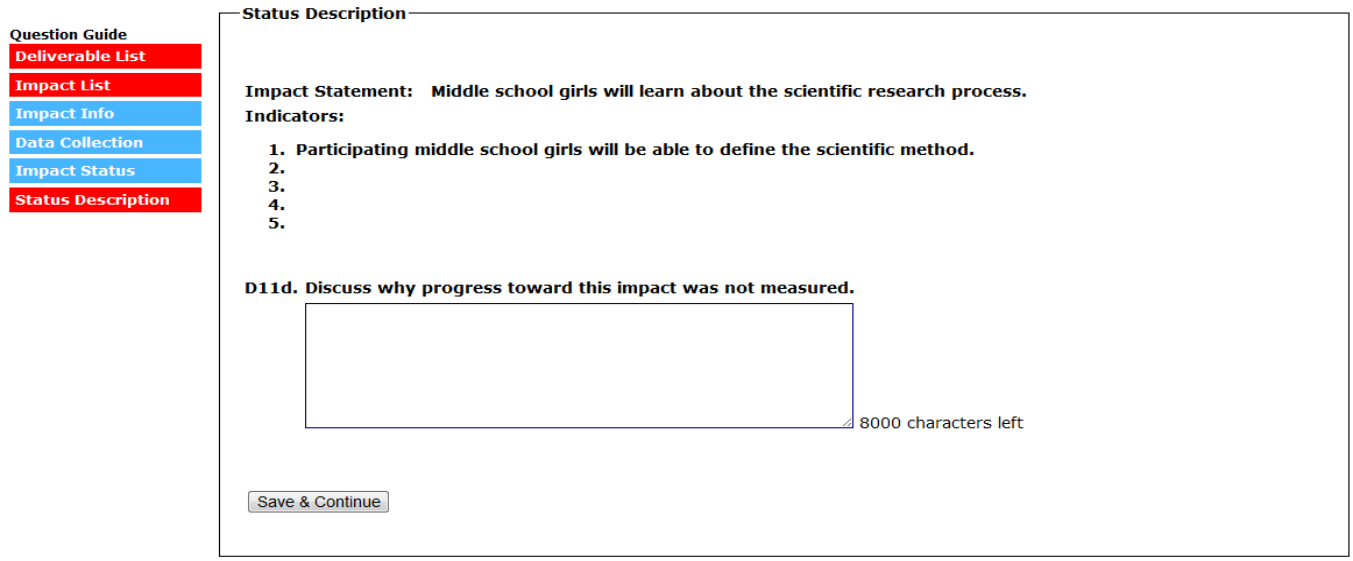
Impact Statement: Middle school girls will learn about the scientific research process.
Indicators:

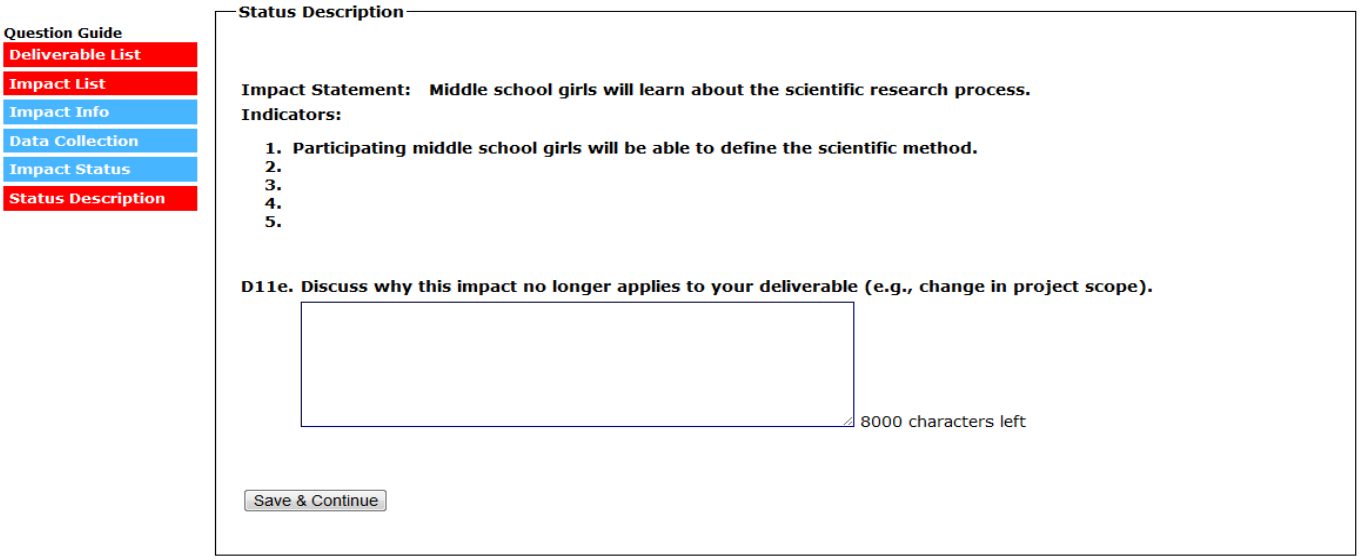
1. **Participating middle school girls will be able to define the scientific method.**
2.
3.
4.
5.

D11c. Describe (1) any factors that hindered your project's ability to achieve this impact, (2) steps you are planning to take to achieve this impact in the future, and (3) method(s) your project is planning to use to document that the impact has been attained.

8000 characters left

Save & Continue





(SELECT "SAVE & CONTINUE" TO SUBMIT THE IMPACT AND RETURN TO THE IMPACT LIST)

Question Guide

- Deliverable List
- Status
- Status Description
- Public Audiences
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Impact List

D9. Please review and update each impact for this deliverable and, if necessary, add new impacts this deliverable is designed to achieve with your public audiences.

The table below should list impact statements that depict **EACH** of the public audience outcomes that are expected to occur as a result of **THIS** deliverable.

Each impact statement should be a single *sentence* that describes *how* a target audience will change as a result of exposure to this deliverable. A well-written impact statement will include the following information:

- The **public audience** that will change as result of exposure to this deliverable *(e.g., middle school girls)*;
- The **type of change** that will be observed *(e.g., an increase in knowledge or awareness)*; and
- The **subject or content area** that is the focus of the impact.

A deliverable can have *multiple* impacts—e.g., one for increased knowledge **AND** another for enhanced interest. You should **NOT** combine two impacts into a single statement.

Click here to show examples of impact statements for public audiences.

Once you have updated/created this list, you will answer a set of questions for each impact statement. *You should consult with your evaluator when updating/generating the list of impact statements and answering the corresponding questions.*

STEP 1: Review and update previously entered impacts.

- To review and update the impact(s) for this deliverable, click on the impact statement in the *Impact Statement* column.
- After reviewing and updating an impact, you will report on the extent to which your project achieved the impact.

STEP 2: Add new impacts.

- To add an impact, enter the impact statement in the text box in the *Impact Statement* column. Then, click the *Add* button in the right-hand column of the table.
- After you add an impact, the impact statement becomes a link to a set of questions about the impact and the extent to which your project achieved the impact. Click on the impact statement in the *Impact Statement* column to access and complete the questions for that impact.
- Click here to obtain background information about impacts, indicators, impact categories, study designs, and data collection methods.

Impact Statement (see examples above)	Information Status	
Middle school girls will learn about the scientific research process.	Complete	
Newly entered impact:Middle school girls will be interested in the scientific research process.	Not Started	Edit Delete
		Add

Save & Continue

(D12A TO D11A-E ARE COMPLETED FOR EACH IMPACT STATEMENT ADDED IN THE CURRENT REPORT. EACH IMPACT ENTERED IN THE CURRENT REPORT WILL HAVE AN "EDIT" AND "DELETE" BUTTON IN THE FAR RIGHT COLUMN OF THE IMPACT TABLE.)

Question Guide

- Deliverable List
- Impact List
- Impact Info
- Data Collection
- Impact Status
- Status Description

Impact Info

Impact Statement: Newly entered impact:Middle school girls will be interested in the scientific research process.

D12a. Please indicate the appropriate category for this impact statement. *(Check one.)*

- ***Awareness, knowledge, or understanding* of a concept or topic** *(e.g., middle school girls will learn about the scientific research process)*
- ***Engagement or interest* in a concept or topic** *(e.g., middle school girls will be interested in the scientific research process)*
- ***Attitude* regarding a concept or topic** *(e.g., middle school girls will have more positive attitudes toward scientific careers)*
- ***Behavior* regarding a concept or topic** *(e.g., middle school girls will conduct scientific research)*
- ***Skills* regarding a concept or topic** *(e.g., middle school girls will demonstrate specific skills necessary to carry out scientific research)*
- ***Other*** *(specify)* [ ]

D12b. What indicators did you use to determine whether this impact was achieved?

- Indicators are the evidence that is used to measure progress towards a given impact. An indicator answers the question: How will you know it when you see it?
- Effective indicators align directly to impacts and are clear, measurable, unbiased, and sensitive to change. For instance, if an impact relates to knowledge gains, the indicator should measure knowledge gains as opposed to, say, participant interest.
- While indicators are measurable, they do not always need to be quantifiable. Indicators can also be qualitative and descriptive, i.e., "Participants will describe that they ..."

Click here to show examples of indicators that might be used to measure progress towards the following impact: *Middle school girls will learn about the scientific research process.*

1. [ ] 1000 characters left
2. [ ] 1000 characters left
3. [ ] 1000 characters left
4. [ ] 1000 characters left
5. [ ] 1000 characters left

D12c. Which of the following evaluation designs were used to assess whether this impact and the corresponding indicators have been attained? *(Check all that apply.)*

- If your evaluation design used mixed methods, please check *all* of the study designs that apply.

Click here to show definitions for the study designs.

- [ ] Qualitative, no comparison group
- [ ] Quantitative, no comparison group
- [ ] Quasi-experimental
- [ ] Experimental
- [ ] Other *(specify)* [ ]
- [ ] None (impact was not measured during the life of the grant award)

Save & Continue

(SELECTING "NONE" TO 12C SKIPS D10D)

Question Guide

- Deliverable List
- Impact List
- Impact Info
- Data Collection
- Impact Status
- Status Description

Data Collection

Impact Statement: Newly entered impact:Middle school girls will be interested in the scientific research process.

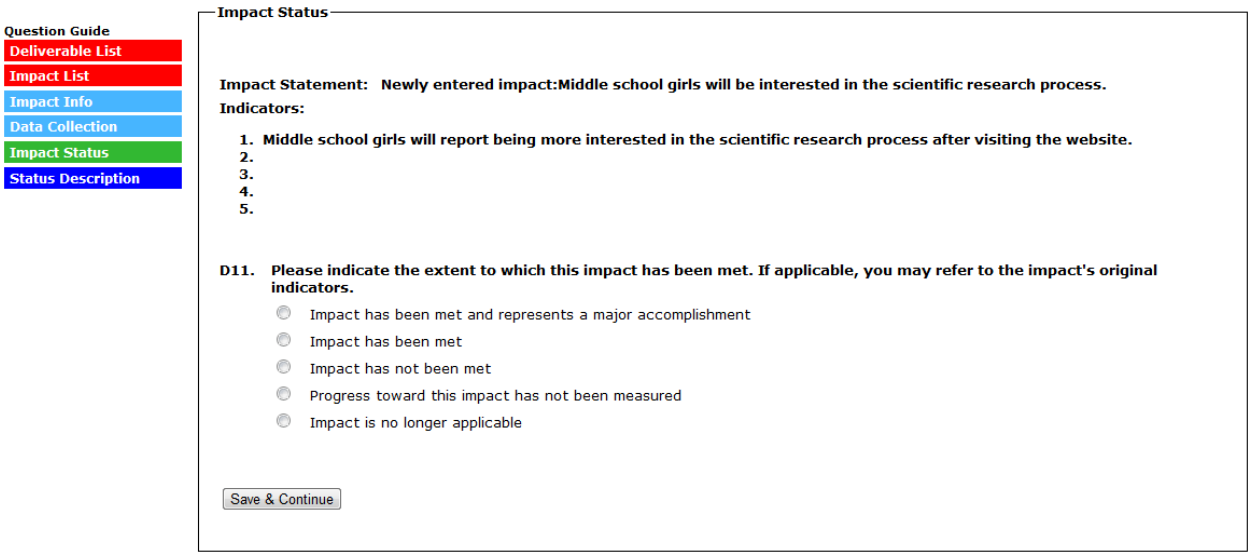
D12d. Which of the following data collection methods were used to assess whether this impact and the corresponding indicators have been attained? *(Check all that apply.)*

In responding to this item, please indicate whether each data collection activity occurred:

- **Prior to the AISL activity** *(data collected at any point in time before a participant engages in the AISL activity)*
- **During/at the end of the AISL activity** *(data collected while/ immediately after the participant engages in the AISL activity—e.g., an exit interview when leaving an exhibit)*
- **At some point after the AISL activity** *(data collected at some point after the participant has ended engagement with the activity)*

Data Collection Activity	When data was collected		
	Prior to the AISL deliverable/ activity	**During/at the end of** the AISL deliverable/ activity	At some point **after** the AISL deliverable/ activity
Administrative/participation data			
Museum attendance *(e.g., for specific exhibits)*	☐	☐	☐
Program attendance *(e.g., number participating in youth programs/professional development sessions)*	☐	☐	☐
Number of viewers *(e.g., for a movie, radio program, or television show)*	☐	☐	☐
Readership/citation/usage records	☐	☐	☐
Number of requests for deliverable	☐	☐	☐
Number of published or completed products by audience members	☐	☐	☐
Website downloads	☐	☐	☐
Website submissions	☐	☐	☐
Website hits	☐	☐	☐
School records *(e.g., grades, test scores, course enrollment)*	☐	☐	☐
Other administrative/participation data *(specify)*	☐	☐	☐
Data collected via the web/email			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Web logs by study subjects	☐	☐	☐
Other data collected via the web/email *(specify)*	☐	☐	☐
Data collected via telephone			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews	☐	☐	☐
Other data collected via telephone *(specify)*	☐	☐	☐
Data collected AT informal science education venues/programs			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews *(e.g., exit interviews)*	☐	☐	☐
Tracking and timing studies	☐	☐	☐
Direct observations of visitors'/participants'/ educators' conversations and/or behavior	☐	☐	☐
Recording visitors'/participants'/educators' conversations and/or behavior	☐	☐	☐
Diaries/journals/records maintained by study subjects *while at the informal science education venue/program*	☐	☐	☐
Problem-solving tasks/sorting tasks/drawing tasks/concept maps	☐	☐	☐
Learner artifacts	☐	☐	☐
Think-aloud techniques/protocols	☐	☐	☐
Other data collected AT informal science education venues/programs *(specify)*	☐	☐	☐
Data collected OUTSIDE of informal science education venues/other educational settings (e.g., in a participant's home)			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews	☐	☐	☐
Direct observations of study subjects' conversations/behavior *outside of the informal science venue/program*	☐	☐	☐
Diaries/journals/records maintained by study subjects *outside of the informal science education venue/program*	☐	☐	☐
Other data collected OUTSIDE of informal science venues/other educational settings *(specify)*	☐	☐	☐
Other			
Other *(specify)*	☐	☐	☐

Save & Continue



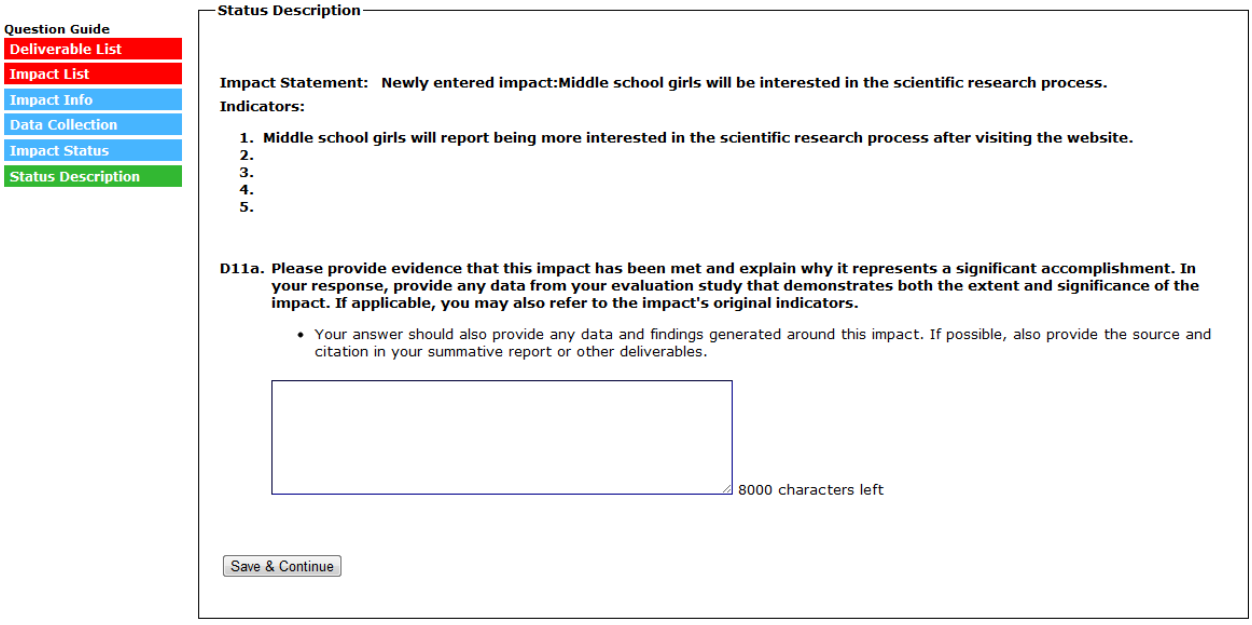
(IN D11, SELECTING "IMPACT HAS BEEN MET AND REPRESENTS A MAJOR ACCOMPLISHMENT" SKIPS TO D11A)

(IN D11, SELECTING "IMPACT HAS BEEN MET" SKIPS TO D11B)

(IN D11, SELECTING "IMPACT HAS NOT BEEN MET" SKIPS TO D11C)

(IN D11, SELECTING "PROGRESS TOWARD THIS IMPACT HAS NOT BEEN MEASURED" SKIPS TO D11D)

(IN D11, SELECTING "IMPACT IS NO LONGER APPLICABLE" SKIPS TO D11E)



Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Status
Status Description

Status Description

Impact Statement: Newly entered impact:Middle school girls will be interested in the scientific research process.

Indicators:

1. **Middle school girls will report being more interested in the scientific research process after visiting the website.**
2.
3.
4.
5.

D11b. Please provide evidence that this impact has been met. In your response, provide any data from your evaluation study that demonstrates the extent of the impact. If applicable, you may also refer to the impact's original indicators.

- Your answer should also provide any data and findings generated around this impact. If possible, also provide the source and citation in your summative report or other deliverables.

8000 characters left

Save & Continue

Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Status
Status Description

Status Description

Impact Statement: Newly entered impact:Middle school girls will be interested in the scientific research process.

Indicators:

1. **Middle school girls will report being more interested in the scientific research process after visiting the website.**
2.
3.
4.
5.

D11c. Describe (1) any factors that hindered your project's ability to achieve this impact, (2) steps you are planning to take to achieve this impact in the future, and (3) method(s) your project is planning to use to document that the impact has been attained.

8000 characters left

Save & Continue

Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Status
Status Description

Status Description

Impact Statement: Newly entered impact:Middle school girls will be interested in the scientific research process.

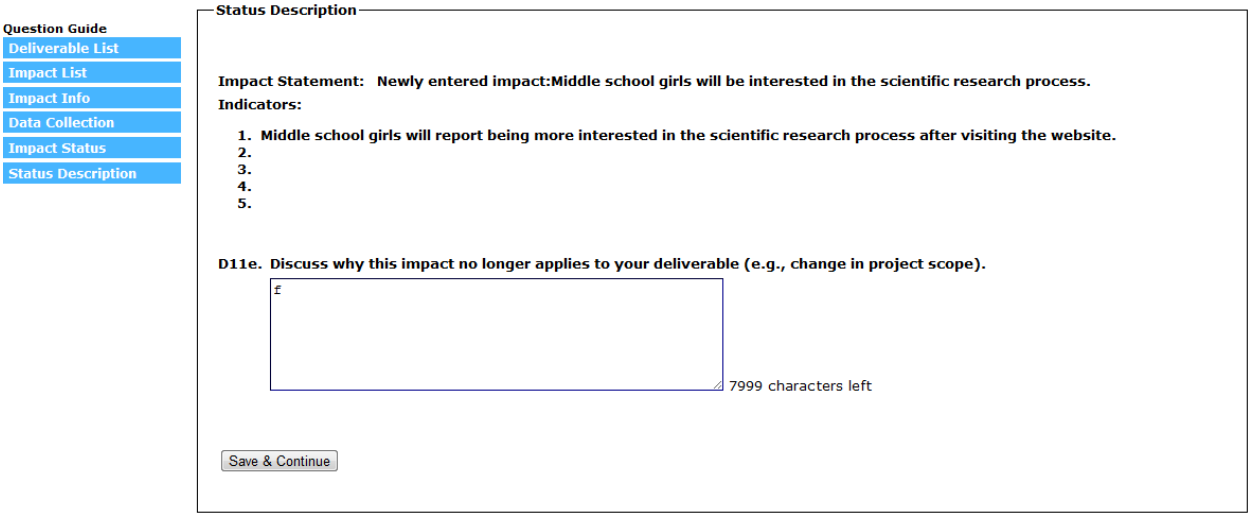
Indicators:

1. **Middle school girls will report being more interested in the scientific research process after visiting the website.**
2.
3.
4.
5.

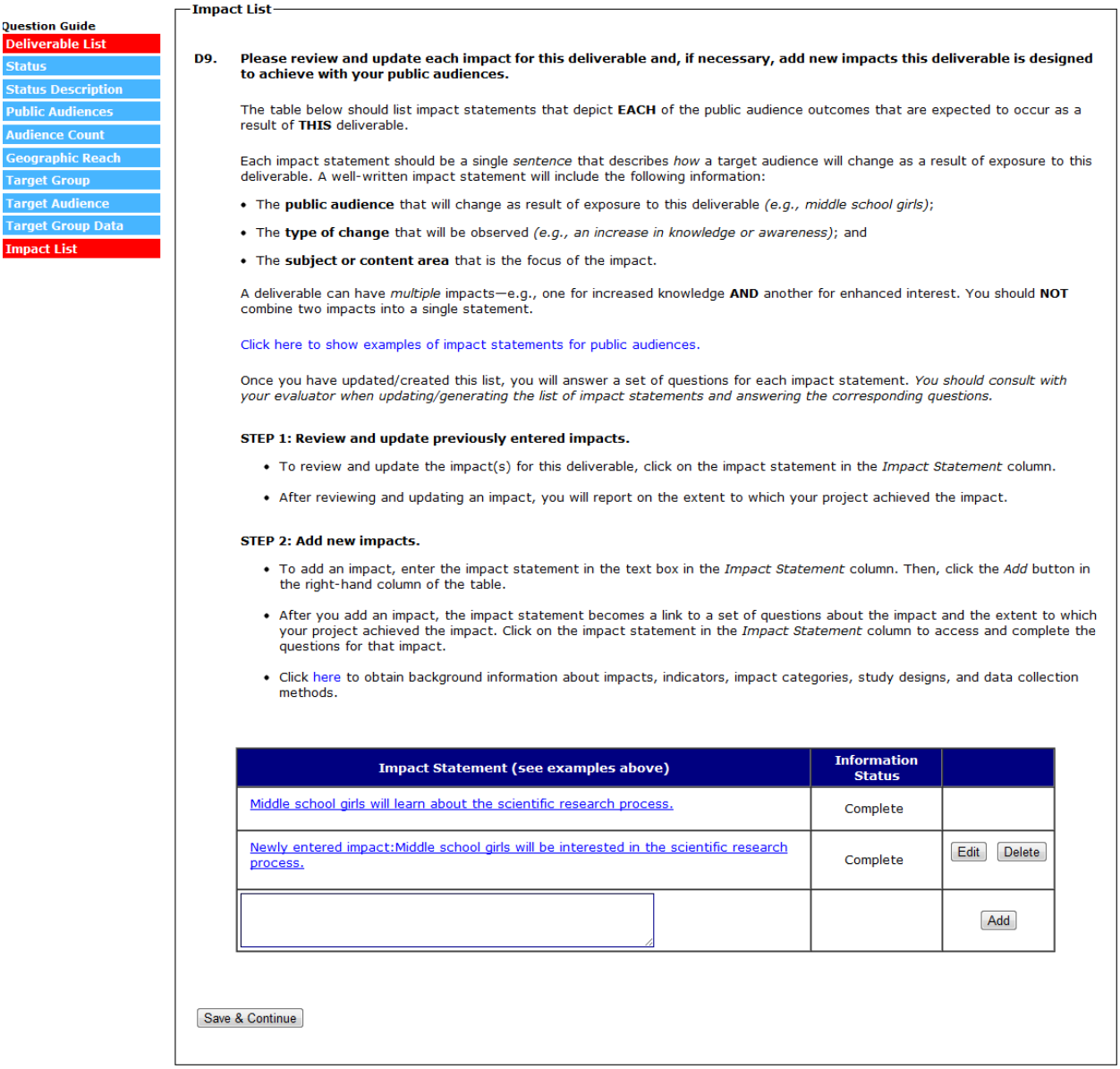
D11d. Discuss why progress toward this impact was not measured.

8000 characters left

Save & Continue



(SELECT "SAVE & CONTINUE" TO SUBMIT THE IMPACT AND RETURN TO THE IMPACT LIST)



(SELECT "SAVE AND CONTINUE" TO SUBMIT THE DELIVERABLE AND RETURN TO THE DELIVERABLE LIST)

Deliverable List

Use the tables below to review and update information about previously entered public audience deliverables and, if necessary, add information for new public audience deliverables.

- The information collected for each deliverable is very important, and you should carefully consider your response to each item. The information you provide will maximize the AISL program's capacity to report on specific trends and accomplishments at the program, project, and deliverable levels.

STEP 1: In the first table below, review and update previously entered deliverables.

- To review and update information on a deliverable, click on the deliverable name in the column titled *Previously Entered Deliverable Name*.
- Clicking on the deliverable name will bring you to a set of questions about deliverable accomplishments over the course of the AISL grant award period.

STEP 2: In the second table below, add new public audience deliverables.

- To add a deliverable, enter the deliverable name in the text box in the *New Deliverable Name* column. Then, click the *Add* button in the right-hand column of the table.
- Your project will likely have multiple deliverables (e.g., a museum exhibit and a website). You should enter the name of each deliverable that was not entered in a previous report. Click here to review the OPMS list of public audience deliverable types. If your deliverable type is not included on this list, you can enter it in an "Other" category when you provide information about the deliverable type.
- After you add a deliverable, click on the deliverable name in the *New Deliverable Name* column.
- Clicking on the deliverable name will bring you to a set of questions about this deliverable and what it accomplished over the course of the AISL grant award period.

Previously Entered Deliverable Name	Information Status
website	Complete
movie	Complete
exhibit	Complete
website 2	Complete
website 3	Complete

New Deliverable Name	Information Status	
Test	Not Started	Edit Delete
		Add

If you have completed adding and updating the public audience deliverables, please click the *Submit* button.

Submit

(SELECTING A DELIVERABLE IN THE "NEW DELIVERABLE" TABLE WILL BRING YOU TO D13-D25. D13-D25 ARE QUESTIONS ABOUT WHAT THE DELIVERABLE ACCOMPLISHED OVER THE COURSE OF THE GRANT.)

(SELECTING A DELIVERABLE IN THE "NEW DELIVERABLE" TABLE WILL BRING YOU TO D13)

Question Guide
- Deliverable List
- Deliverable Type
- Project Info
- Impact List
- Deliverable Reach
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data

Deliverable Type

D13. Please indicate the deliverable type that best describes this product, program, or experience. *(Select one.)*

Audio and Video	
Planetarium show *(at one or more public venues)*	○
Full-length film/movie	○
Television segment/episode/program/series	○
Video segment/clip/program/series *(that does not originate on television or full-length film/movie)*	○
Radio segment/episode/program/series *(that originates on AM/FM/HD/satellite radio)*	○
Audio segment/episode/program/series *(that does not originate on radio)*	○
Other audio or video *(specify)*	○

Exhibits *(not including virtual exhibits)*	
Permanent exhibit *(create/revise exhibit at one or more public venues)*	○
Temporary exhibit *(create/revise exhibit at one or more public venues)*	○
Traveling exhibit *(create/revise traveling exhibit at two or more public venues)*	○
Other exhibit *(specify)*	○

Programs, Events, and Activities	
After-school or summer program for youth *(e.g., at a youth or community center)*	○
Science café	○
Group/club *(e.g., astronomy club)*	○
Group-oriented program *(e.g., family nights at a museum)*	○
Festival or other one-time/annual event	○
Theater production or performance	○
Research and/or data collection BY citizen scientists	○
Other program or event *(specify)*	○

Resource Materials and Information Sharing	
Blog/newsletter	○
Newspaper/magazine *(article or entire publication)*	○
Discussion group/forum *(e.g., face-to-face or online)*	○
Presentation BY STEM/other professionals for the general public *(e.g., lectures by scientists or other STEM professionals at museums or other public venues)*	○
Presentation BY informal learners *(e.g., seminar by citizen scientists describing findings from their research or data)*	○
Research paper or issue brief *(e.g., paper prepared by citizen scientists describing findings from their research or data)*	○
Informational guides *(e.g., family guides that help explain key concepts in a museum exhibit)*	○
Demonstration/activity kit/guide *(with supplies and/or instructions to perform experiments or activities)*	○
Social media presence	○
Other resource materials *(specify)*	○

Infrastructure Development or Enhancement for Facilitated Communication	
Wiki website *(e.g., allows creation and editing of interlinked web pages via a web browser using a simplified markup language)*	○
Database on project website *(e.g., database to collect data from citizen scientists)*	○
Database on non-project website *(e.g., developing the capacity to contribute to an existing database)*	○
Other infrastructure *(specify)*	○

Games and Information and Communication Technologies	
Game *(e.g., mobile online games, massively multiplayer online games, console games, board games)*	○
Social virtual world *(e.g., computer-based simulated environments such as Second Life)*	○
Simulation *(e.g., a virtual museum exhibit, a simulation of a scientific phenomenon)*	○
Application for mobile/wireless device *(e.g., GPS or iPhone/iPad application)*	○
Other information and communication technology *(specify)*	○

Project Website	
Project Website	○

Other	
Other *(specify)*	○

Save & Continue

(D13A IS ONLY ANSWERED IF THE DELIVERABLE TYPE SELECTED IN D13 IS "WEBSITE")

Question Guide
- Deliverable List
- Deliverable Type
- Website Info
- Project Info
- Impact List
- Deliverable Reach
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data

Website Info

D13a. Which of the following products, programs, or experiences are included on your project website? *(Select all that apply for your project website.)*

- ☐ Full-length film/movie
- ☐ Television segment/episode/program/series
- ☐ Video segment/clip/program/series *(that does not originate on television or full-length film)*
- ☐ Radio segment/episode/program/series *(that originates on AM/FM/HD/satellite radio)*
- ☐ Audio segment/episode/program/series *(that does not originate on radio)*
- ☐ Blog/newsletter
- ☐ Newspaper/magazine *(article or entire publication)*
- ☐ Discussion group/forum
- ☐ Presentation *(e.g., PowerPoint slides from presentation by scientists for informal learners)*
- ☐ Research paper or issue brief
- ☐ Activity or informational guide/kit *(e.g., family guides for a museum exhibit)*
- ☐ Wiki site
- ☐ Database
- ☐ Game *(e.g., mobile online games, massively multiplayer online games, console games)*
- ☐ Social virtual world *(e.g., computer-based simulated environments such as Second Life)*
- ☐ Simulation *(e.g., a virtual museum exhibit, a simulation of a scientific phenomenon)*
- ☐ Application for mobile/wireless device *(e.g., GPS or iPhone/iPad application)*
- ☐ Other components that appear on a project website *(specify)*

Save & Continue

Question Guide
Deliverable List
Deliverable Type
Project Info
Impact List
Deliverable Reach
Audience Count
Geographic Reach
Target Group
Target Audience
Target Group Data

Project Info

D14. Please provide a brief description of this deliverable. The description should include information about:

- The deliverable's purpose or what it will accomplish.
- The deliverable's content.
- Any unique or innovative features about the deliverable.

2000 characters left

D15. Please indicate whether this deliverable is a primary or secondary focus of your overall AISL project.

- Primary focus *(i.e., at least 25 percent of your overall AISL project effort in terms of budget and/or staff time)*
- Secondary focus *(i.e., less than 25 percent of your overall AISL project effort in terms of budget and/or staff time)*

D16. Which of the following are the primary and secondary STEM content foci of this deliverable?

- This item focuses exclusively on the STEM content that is being conveyed by this deliverable *(e.g., what the project is looking to educate public audiences about).*
- Check up to two primary STEM content foci for this deliverable. Check all remaining secondary STEM content foci that apply for this deliverable.

STEM Content Area	Primary	Secondary
Biological Sciences		
Environmental Biology	☐	☐
Integrative Organismal Systems	☐	☐
Molecular and Cellular Biosciences	☐	☐
Evolution	☐	☐
Anatomy	☐	☐
Other biological sciences *(specify)*	☐	☐
Computer and Informational Sciences		
Computer and Network Systems	☐	☐
Intelligent Systems and Robotics	☐	☐
Other computer and informational sciences *(specify)*	☐	☐
Engineering		
Chemical, Bioengineering, Environmental, Transport Systems	☐	☐
Civil, Mechanical and Manufacturing Innovation	☐	☐
Electrical, Communications and Cyber Systems	☐	☐
Other engineering *(specify)*	☐	☐
Geosciences		
Atmospheric Sciences	☐	☐
Earth Sciences	☐	☐
Ocean Sciences	☐	☐
Other geosciences *(specify)*	☐	☐
Math and Physical Sciences		
Astronomical Sciences	☐	☐
Chemistry	☐	☐
Materials Research	☐	☐
Mathematical Sciences	☐	☐
Physics	☐	☐
Other math and physical sciences *(specify)*	☐	☐
Social, Behavioral and Economic Sciences		
Behavioral and Cognitive Sciences	☐	☐
Human and Social Dynamics	☐	☐
Science of Learning	☐	☐
Science Resource Statistics	☐	☐
Social and Economic Sciences	☐	☐
Archaeology/Paleontology	☐	☐
Other social, behavioral and economic sciences *(specify)*	☐	☐
Other		

(CONTINUED ON NEXT PAGE)

Other		
Animal Sciences	☐	☐
Plant Sciences	☐	☐
Environmental/Conservation/Climate Sciences	☐	☐
Nanotechnology	☐	☐
History of Science	☐	☐
Energy	☐	☐
Scientific Tools	☐	☐
Other *(specify)*	☐	☐

D17. Is this deliverable interdisciplinary *(i.e., does it integrate concepts across multiple content areas)?*

ONLY select "Yes" if your deliverable is interdisciplinary:

- A deliverable is **interdisciplinary** if it **integrates** concepts, information, techniques, perspectives, theories, etc. from two or more disciplines. For example, a television series is interdisciplinary if a single episode explores how math skills are utilized in a specific scientific field.

DO NOT select "Yes" if your deliverable is multidisciplinary OR the team developing the deliverable is multidisciplinary:

- A deliverable is **multidisciplinary** if it **includes, but does not integrate**, concepts, information, techniques, perspectives, theories, etc. from two or more disciplines. For example, a television series is multidisciplinary if it includes one episode about math skills and a separate episode about a specific scientific field. In this case, math and science are **not integrated**.
- A deliverable is **NOT interdisciplinary** simply because the team members developing the deliverable come from multiple disciplines. The deliverable, and not the team, must integrate two or more disciplines in order to be interdisciplinary.

Click here to show examples of interdisciplinary public audience deliverables.

○ No
○ Yes

If Yes, please describe the EXACT steps that were taken to make this deliverable interdisciplinary:

2000 characters left

Save & Continue

Question Guide

- Deliverable List
- Deliverable Type
- Project Info
- Impact List
- Deliverable Reach
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data

Impact List

D18. Please provide the following information about the impacts of this deliverable on your public audience.

- If no impacts will be measured for this deliverable, select the box below the table.

Use the table below to generate a list of impact statements that depict **EACH** of the public audience outcomes that are expected to occur as a result of **THIS** deliverable.

Each impact statement should be a single *sentence* that describes *how* a target audience will change as a result of exposure to this deliverable. A well-written impact statement will include the following information:

- The **public audience** that will change as result of exposure to this deliverable *(e.g., middle school girls)*;
- The **type of change** that will be observed *(e.g., an increase in knowledge or awareness)*; and
- The **subject or content area** that is the focus of the impact.

A deliverable can have *multiple* impacts—e.g., one for increased knowledge **AND** another for enhanced interest. You should **NOT** combine two impacts into a single statement.

Click here to hide examples of impact statements for public audiences.

- Middle school girls will *learn* about the scientific research process.
- Middle school girls will be *interested* in the scientific research process.
- Middle school girls will have more *positive attitudes* toward scientific careers.
- Middle school girls *will conduct* scientific research.
- Middle school girls will demonstrate specific *skills* necessary to carry out scientific research.

Once you have created this list, you will answer a set of questions for each impact statement about corresponding indicators, study designs, data collection methods, and the extent to which your project achieved the impact. *You should consult with your evaluator when generating a list of impact statements and answering the corresponding questions.*

STEP 1: Generate a list of impact statements for this deliverable.

- To add an impact, enter the impact statement in the text box in the *Impact Statement* column. Then, click the *Add* button in the right-hand column of the table.

STEP 2: Provide information about each impact.

- After you add an impact, the impact statement becomes a link to a set of questions about the impact and the extent to which your project achieved the impact.
- Click on the impact statement in the *Impact Statement* column to access and complete the questions for that impact.
- Click here to obtain background information about impacts, indicators, impact categories, study designs, and data collection methods.

Impact Statement (see examples above)	Information Status	
Middle school girls will learn about the scientific research process.	Not Started	Edit Delete
		Add

☐ There are no impacts for this deliverable.

Save & Continue

(SELECTING "THERE ARE NO IMPACTS FOR THIS DELIVERABLE" (OPTION AVAILABLE ONLY FOR DELIVERABLES MARKED "SECONDARY FOCUS" IN D15) WILL SKIP TO D20. FOR EACH IMPACT STATEMENT ENTERED INTO THE TABLE, ANSWER D18A TO D19A-E)

Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Status
Status Description

Impact Info

Impact Statement: Middle school girls will learn about the scientific research process.

D18a. Please indicate the appropriate category for this impact statement. *(Check one.)*

- ***Awareness, knowledge, or understanding* of a concept or topic** *(e.g., middle school girls will learn about the scientific research process)*
- ***Engagement or interest* in a concept or topic** *(e.g., middle school girls will be interested in the scientific research process)*
- ***Attitude* regarding a concept or topic** *(e.g., middle school girls will have more positive attitudes toward scientific careers)*
- ***Behavior* regarding a concept or topic** *(e.g., middle school girls will conduct scientific research)*
- ***Skills* regarding a concept or topic** *(e.g., middle school girls will demonstrate specific skills necessary to carry out scientific research)*
- ***Other*** *(specify)* _____

D18b. What indicators did you use to determine whether this impact was achieved?

- Indicators are the evidence that is used to measure progress towards a given impact. An indicator answers the question: How will you know it when you see it?
- Effective indicators align directly to impacts and are clear, measurable, unbiased, and sensitive to change. For instance, if an impact relates to knowledge gains, the indicator should measure knowledge gains as opposed to, say, participant interest.
- While indicators are measurable, they do not always need to be quantifiable. Indicators can also be qualitative and descriptive, i.e., "Participants will describe that they ..."

Click here to show examples of indicators that might be used to measure progress towards the following impact: *Middle school girls will learn about the scientific research process.*

1. Participating middle school girls will be able to define the scientific method. 1000 characters left
2. 1000 characters left
3. 1000 characters left
4. 1000 characters left
5. 1000 characters left

D18c. Which of the following evaluation designs were used to assess whether this impact and the corresponding indicators have been attained? *(Check all that apply.)*

- If your evaluation design used mixed methods, please check *all* of the study designs that apply.

Click here to show definitions for the study designs.

- ☐ Qualitative, no comparison group
- ☐ Quantitative, no comparison group
- ☐ Quasi-experimental
- ☐ Experimental
- ☐ Other *(specify)* _____
- ☐ None (impact was not measured during the life of the grant award)

Save & Continue

(SELECTING "NONE" TO D18C SKIPS D18D)

Question Guide

- Deliverable List
- Impact List
- Impact Info
- Data Collection
- Impact Status
- Status Description

Data Collection

Impact Statement: Middle school girls will learn about the scientific research process.

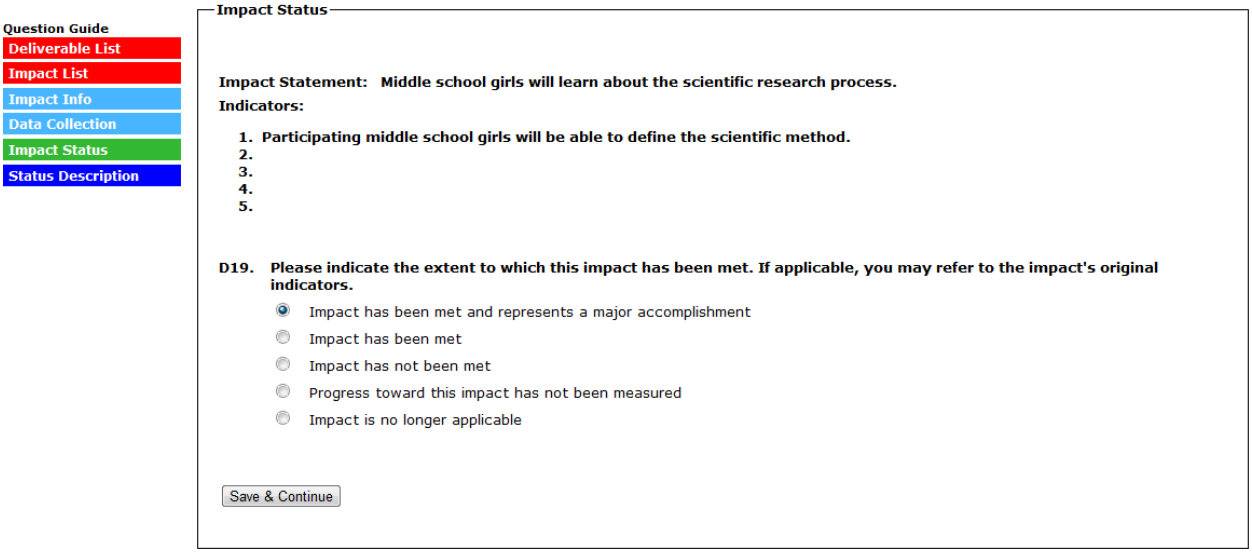
D18d. Which of the following data collection methods were used to assess whether this impact and the corresponding indicators have been attained? *(Check all that apply.)*

In responding to this item, please indicate whether each data collection activity occurred:

- **Prior to the AISL activity** *(data collected at any point in time before a participant engages in the AISL activity)*
- **During/at the end of the AISL activity** *(data collected while/ immediately after the participant engages in the AISL activity—e.g., an exit interview when leaving an exhibit)*
- **At some point after the AISL activity** *(data collected at some point after the participant has ended engagement with the activity)*

Data Collection Activity	When data was collected		
	Prior to the AISL deliverable/ activity	**During/at the end of** the AISL deliverable/ activity	At some point **after** the AISL deliverable/ activity
Administrative/participation data			
Museum attendance *(e.g., for specific exhibits)*	☐	☐	☐
Program attendance *(e.g., number participating in youth programs/professional development sessions)*	☐	☐	☐
Number of viewers *(e.g., for a movie, radio program, or television show)*	☐	☐	☐
Readership/citation/usage records	☐	☐	☐
Number of requests for deliverable	☐	☐	☐
Number of published or completed products by audience members	☐	☐	☐
Website downloads	☐	☐	☐
Website submissions	☐	☐	☐
Website hits	☐	☐	☐
School records *(e.g., grades, test scores, course enrollment)*	☐	☐	☐
Other administrative/participation data *(specify)*	☐	☐	☐
Data collected via the web/email			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Web logs by study subjects	☐	☐	☐
Other data collected via the web/email *(specify)*	☐	☐	☐
Data collected via telephone			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews	☐	☐	☐
Other data collected via telephone *(specify)*	☐	☐	☐
Data collected AT informal science education venues/programs			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews *(e.g., exit interviews)*	☐	☐	☐
Tracking and timing studies	☐	☐	☐
Direct observations of visitors'/participants'/ educators' conversations and/or behavior	☐	☐	☐
Recording visitors'/participants'/educators' conversations and/or behavior	☐	☐	☐
Diaries/journals/records maintained by study subjects *while at the informal science education venue/program*	☐	☐	☐
Problem-solving tasks/sorting tasks/drawing tasks/concept maps	☐	☐	☐
Learner artifacts	☐	☐	☐
Think-aloud techniques/protocols	☐	☐	☐
Other data collected AT informal science education venues/programs *(specify)*	☐	☐	☐
Data collected OUTSIDE of informal science education venues/other educational settings (e.g., in a participant's home)			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews	☐	☐	☐
Direct observations of study subjects' conversations/behavior *outside of the informal science venue/program*	☐	☐	☐
Diaries/journals/records maintained by study subjects *outside of the informal science education venue/program*	☐	☐	☐
Other data collected OUTSIDE of informal science venues/other educational settings *(specify)*	☐	☐	☐
Other			
Other *(specify)*	☐	☐	☐

Save & Continue



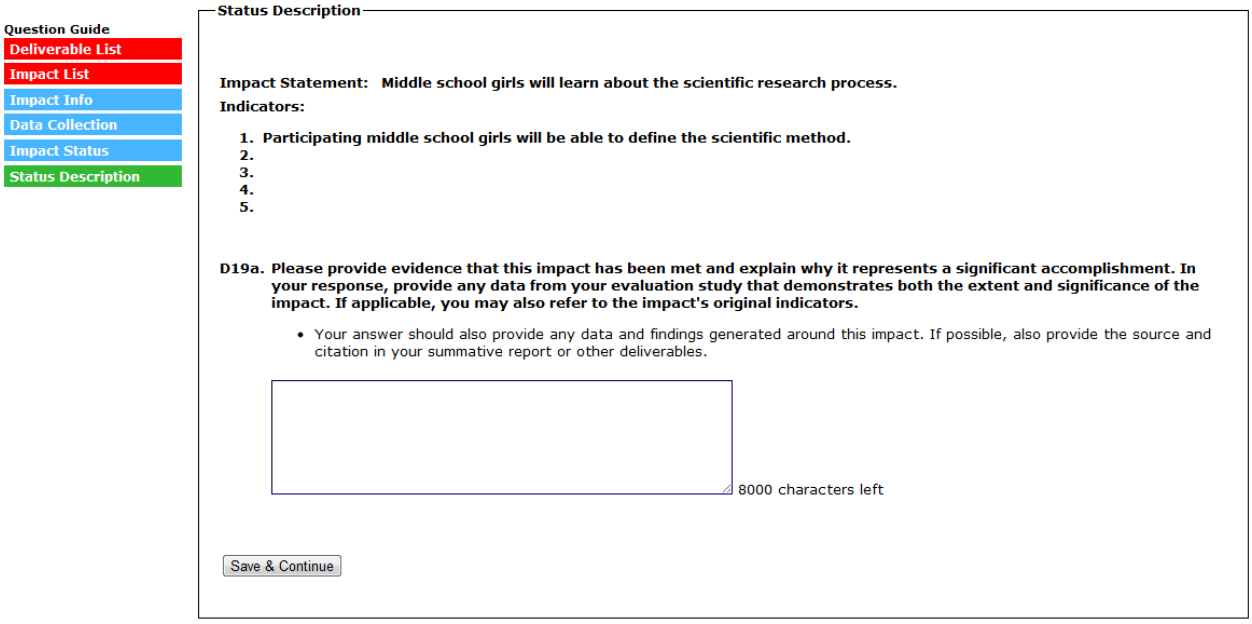
(IN D19, SELECTING "IMPACT HAS BEEN MET AND REPRESENTS A MAJOR ACCOMPLISHMENT" SKIPS TO D19A)

(IN D19, SELECTING "IMPACT HAS BEEN MET" SKIPS TO D19B)

(IN D19, SELECTING "IMPACT HAS NOT BEEN MET" SKIPS TO D19C)

(IN D19, SELECTING "PROGRESS TOWARD THIS IMPACT HAS NOT BEEN MEASURED" SKIPS TO D19D)

(IN D19, SELECTING "IMPACT IS NO LONGER APPLICABLE" SKIPS TO D19E)



Question Guide
- Deliverable List
- Impact List
- Impact Info
- Data Collection
- Impact Status
- Status Description

Status Description

Impact Statement: Middle school girls will learn about the scientific research process.

Indicators:

1. **Participating middle school girls will be able to define the scientific method.**
2.
3.
4.
5.

D19b. Please provide evidence that this impact has been met. In your response, provide any data from your evaluation study that demonstrates the extent of the impact. If applicable, you may also refer to the impact's original indicators.

- Your answer should also provide any data and findings generated around this impact. If possible, also provide the source and citation in your summative report or other deliverables.

8000 characters left

Save & Continue

Question Guide
- Deliverable List
- Impact List
- Impact Info
- Data Collection
- Impact Status
- Status Description

Status Description

Impact Statement: Middle school girls will learn about the scientific research process.

Indicators:

1. **Participating middle school girls will be able to define the scientific method.**
2.
3.
4.
5.

D19c. Describe (1) any factors that hindered your project's ability to achieve this impact, (2) steps you are planning to take to achieve this impact in the future, and (3) method(s) your project is planning to use to document that the impact has been attained.

8000 characters left

Save & Continue

Question Guide
- Deliverable List
- Impact List
- Impact Info
- Data Collection
- Impact Status
- Status Description

Status Description

Impact Statement: Middle school girls will learn about the scientific research process.

Indicators:

1. **Participating middle school girls will be able to define the scientific method.**
2.
3.
4.
5.

D19d. Discuss why progress toward this impact was not measured.

8000 characters left

Save & Continue

Question Guide
- Deliverable List
- Impact List
- Impact Info
- Data Collection
- Impact Status
- Status Description

Status Description

Impact Statement: Middle school girls will learn about the scientific research process.

Indicators:

1. **Participating middle school girls will be able to define the scientific method.**
2.
3.
4.
5.

D19e. Discuss why this impact no longer applies to your deliverable (e.g., change in project scope).

8000 characters left

Save & Continue

(SELECTING "SAVE & CONTINUE" RETURNS YOU TO THE IMPACT LIST)

Question Guide
- Deliverable List
- Deliverable Type
- Project Info
- Impact List
- Deliverable Reach
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data

Impact List

D18. Please provide the following information about the impacts of this deliverable on your public audience.

- If no impacts will be measured for this deliverable, select the box below the table.

Use the table below to generate a list of impact statements that depict **EACH** of the public audience outcomes that are expected to occur as a result of **THIS** deliverable.

Each impact statement should be a single *sentence* that describes *how* a target audience will change as a result of exposure to this deliverable. A well-written impact statement will include the following information:

- The **public audience** that will change as result of exposure to this deliverable *(e.g., middle school girls)*;
- The **type of change** that will be observed *(e.g., an increase in knowledge or awareness)*; and
- The **subject or content area** that is the focus of the impact.

A deliverable can have *multiple* impacts—e.g., one for increased knowledge **AND** another for enhanced interest. You should **NOT** combine two impacts into a single statement.

Click here to show examples of impact statements for public audiences.

Once you have created this list, you will answer a set of questions for each impact statement about corresponding indicators, study designs, data collection methods, and the extent to which your project achieved the impact. *You should consult with your evaluator when generating a list of impact statements and answering the corresponding questions.*

STEP 1: Generate a list of impact statements for this deliverable.

- To add an impact, enter the impact statement in the text box in the *Impact Statement* column. Then, click the *Add* button in the right-hand column of the table.

STEP 2: Provide information about each impact.

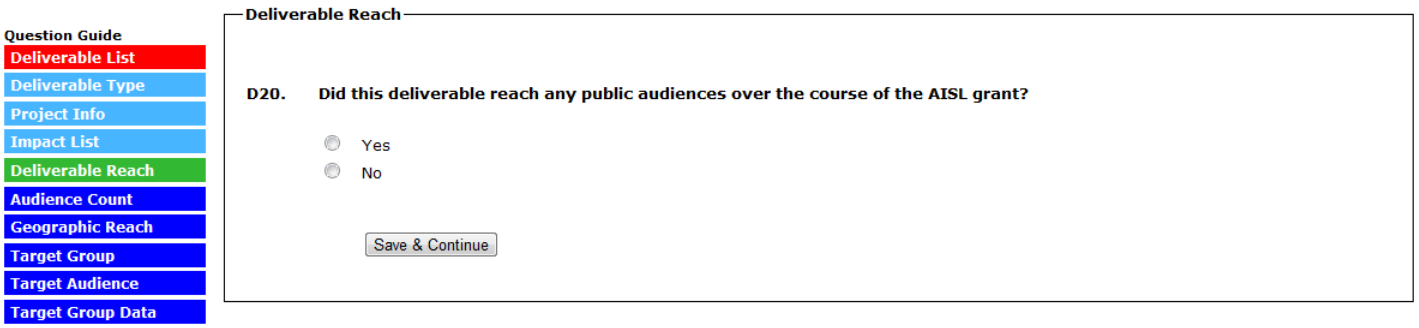
- After you add an impact, the impact statement becomes a link to a set of questions about the impact and the extent to which your project achieved the impact.
- Click on the impact statement in the *Impact Statement* column to access and complete the questions for that impact.
- Click here to obtain background information about impacts, indicators, impact categories, study designs, and data collection methods.

Impact Statement (see examples above)	Information Status	
Middle school girls will learn about the scientific research process.	Complete	Edit Delete
		Add

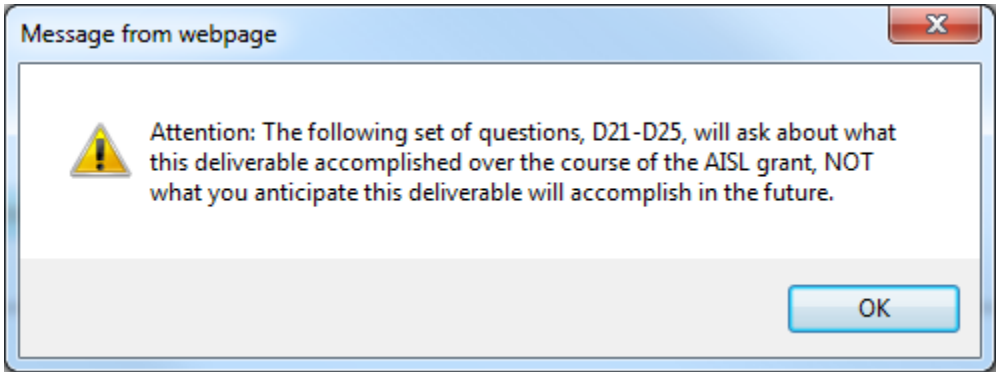
There are no impacts for this deliverable.

Save & Continue

(SELECTING "NO" TO D20 SKIPS THE REMAINING QUESTIONS, SUBMITS THE DELIVERABLE, AND RETURNS YOU TO THE DELIVERABLE LIST)



(SELECTING "YES" TO D20 BRINGS UP THE FOLLOWING POP UP)



(THE VERSION OF D21 THAT APPEARS FOR "AUDIENCE COUNT" DEPENDS ON THE DELIVERABLE TYPE SELECTED IN D13. THE VERSION OF D13 BELOW CORRESPONDS TO A DELIVERABLE TYPE OF "AFTER-SCHOOL OR SUMMER PROGRAM FOR YOUTH.")

Question Guide

- Deliverable List
- Deliverable Type
- Project Info
- Impact List
- Deliverable Reach
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data

Audience Count

D21c. In the table below, please select the method or methods that were used to deliver this product, program, or experience to your public audiences over the course of the AISL grant.

For each selected delivery method, provide the number of individuals that you reached with *this* deliverable over the course of the AISL grant.

If possible, provide an **unduplicated count** of the number of individuals that used a given delivery method to listen, view, read, and/or use *this* deliverable during the AISL grant award period. *If you are only providing an unduplicated count, please leave the duplicated count field blank.*

Click here for the AISL definition of unduplicated counts.

In cases where it is not possible to provide an unduplicated count for a given delivery method, provide a **duplicated count** of the number of individuals that listened to, viewed, read, and/or used *this* deliverable. If you are only providing a *duplicated count, please leave the unduplicated count field blank.*

Click here for the AISL definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

	Delivery Methods for Programs, Events, and Activities	Unduplicated Count	Duplicated Count	Unable to determine at this time
☐	In-person or field-based activity *(e.g., students at an after-school/summer program, adults attending a science café at a public venue, scientists taking questions at a museum)*			☐
☐	Theater at an informal science education venue *(e.g., a museum)*			☐
☐	Professional theater			☐
☐	Theater in another setting *(e.g., community center)*			☐
☐	Real-time online discussion group and/or videoconferencing *(e.g., Skype)*			☐
☐	Project Website: Accessed/used/downloaded from *your project* website			☐
☐	Non-Project Website: Accessed/used/downloaded on other *non-project* websites *(e.g., social networking sites)*			☐
☐	Mobile/wireless device *(e.g., submitting data on a cell phone via texting)*			☐
☐	Other *(specify)*			☐

Save & Continue

Question Guide
Deliverable List
Deliverable Type
Project Info
Impact List
Deliverable Reach
Audience Count
Geographic Reach
Target Group
Target Audience
Target Group Data

Geographic Reach

D22. Which of the following best describes the actual geographic reach of the public audiences that accessed or used this deliverable over the course of the AISL grant? *(Check one.)*

- **Single community or metropolitan region**
  Select even if the community or metropolitan region spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia).
- **Multiple communities within a single state or U.S. territory**
  Select if the deliverable reached public audiences in two or more communities or metropolitan regions within a single state (e.g., a radio program that will be broadcast in Los Angeles and San Francisco).
- **Multiple states and or U.S. territories**
  Do not select if the deliverable only reached a public audience in a single metropolitan area that spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia).

  Specify in how many states and/or territories this deliverable reached public audiences over the course of the AISL grant: [ ]

D23. Did this deliverable TARGET international public audiences outside of the United States and U.S. territories over the course of the AISL grant?

DO NOT select "Yes" if international audiences were passive observers/consumers of the deliverable.

- For example, a website is not targeting international audiences merely because it is accessible to an international audience via the internet. A website only TARGETS international audiences if it is specifically *designed for* or is *marketed to* a specific international audience.

Click here to show examples of how a deliverable is targeted to international public audiences.

- No
- Yes

If Yes, please describe the EXACT steps that were taken to TARGET international public audiences with this deliverable over the course of the AISL grant:

[ ] 2000 characters left

Save & Continue

(IN D24, SELECTING "THE GENERAL PUBLIC ONLY" SKIPS D24A AND D24B)

Question Guide
Deliverable List
Deliverable Type
Project Info
Impact List
Deliverable Reach
Audience Count
Geographic Reach
Target Group
Target Audience
Target Group Data

Target Group

D24. Which of the following best describes the public audience(s) that were targeted by this deliverable over the course of the AISL grant? *(Check one.)*

- For the purposes of this item, **target group** refers to (1) a specific age group (e.g., youth, age 5-10), (2) caregivers interacting with their children, and/or (3) public audiences traditionally underrepresented in STEM.

- **The general public only** *(i.e., there were **NO** efforts to direct this deliverable toward a specific target group)*
- **The general public *AND* specific target groups** *(i.e., the deliverable targeted **BOTH** the general public **AND** one or more specific target groups)*
- **A specific target group only** *(i.e., the deliverable targeted a specific target group(s)—but **NOT** the general public)*

Save & Continue

Question Guide
- Deliverable List
- Deliverable Type
- Project Info
- Impact List
- Deliverable Reach
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data

Target Audience

D24a. Which of the following age groups and/or public audiences underrepresented in STEM did this deliverable TARGET over the course of the AISL grant? *(Check all that apply.)*

- DO NOT select a public audience type unless there was a specific effort to reach that audience through targeted outreach and/or the deliverable was specifically designed for a specific group. For example, even though an exhibit is accessible to all public audience types, an exhibit only TARGETS a public audience type if it is specifically *designed for* or *marketed to* that audience.

Age Groups

- [ ] Children, age 0–4
- [ ] Children, age 5–10
- [ ] Youth, age 11–14
- [ ] Youth, age 15–18
- [ ] Adults, age 19–54
- [ ] Seniors, age 55 and over

Public Audiences Traditionally Underrepresented in STEM

- [ ] English language learners
- [ ] Racial groups
- [ ] Ethnic groups
- [ ] Persons with disabilities
- [ ] Low income individuals/families
- [ ] Residents in an inner city
- [ ] Residents in a rural community
- [ ] Women/girls

Other

- [ ] Families *(i.e., parents or other caregivers interacting with children)*
- [ ] Other *(specify)*

D24b. Please describe the EXACT steps that were taken over the course of the AISL grant to TARGET this deliverable to EACH of the age groups and/or public audiences underrepresented in STEM selected in D24a.

Click here to show examples of how deliverables target public audiences.

2000 characters left

Save & Continue

Question Guide
- Deliverable List
- Deliverable Type
- Project Info
- Impact List
- Deliverable Reach
- Audience Count
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data

Target Group Data

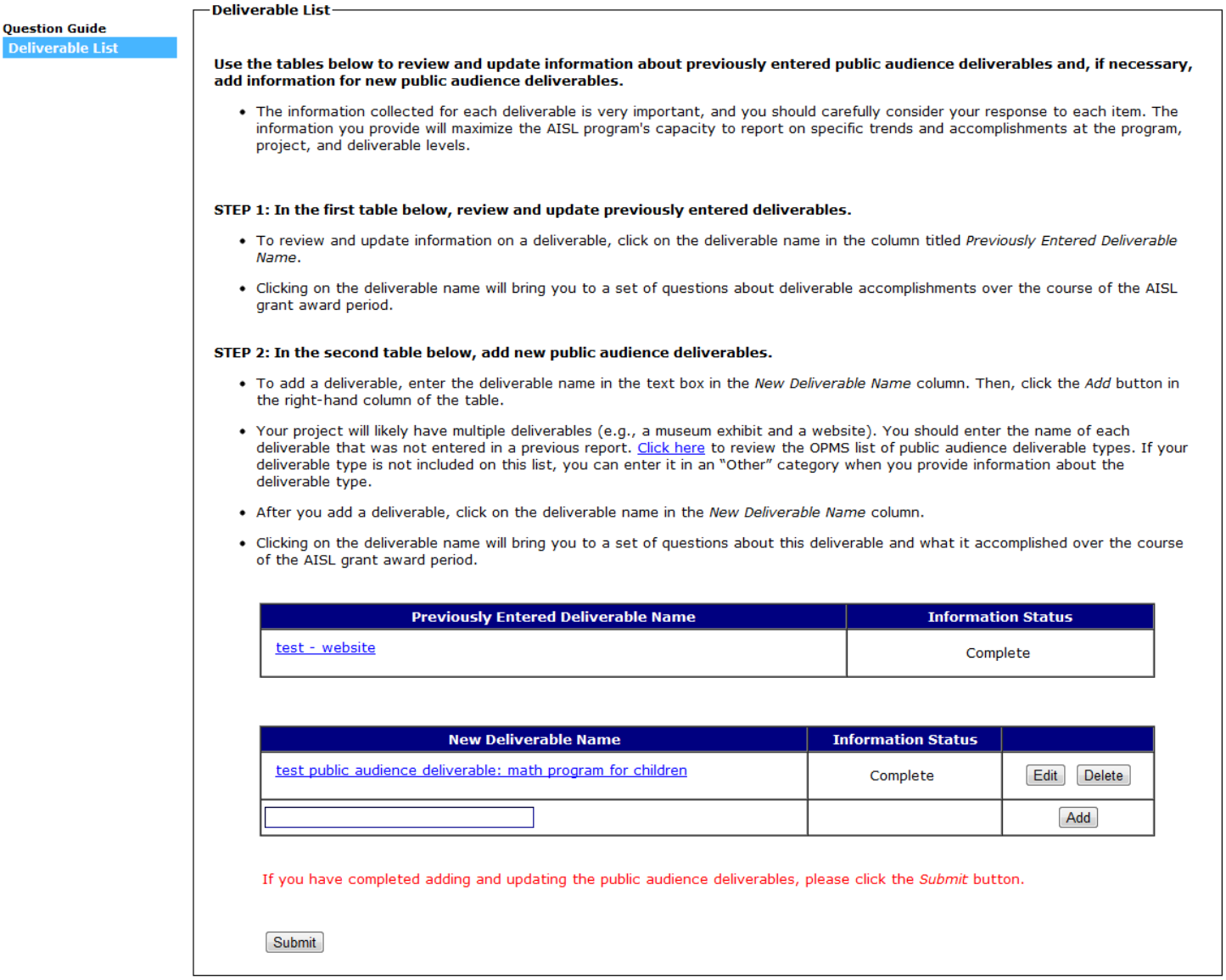
D25. For this deliverable, did your project obtain a count for any of the following public audience characteristics over the course of your AISL grant for this deliverable? *(Check all that apply.)*

- Mark each characteristic for which your project obtained a count or subset of counts.
- Mark "No" if your project did not obtain counts for any of the below categories.

- [ ] Gender
- [ ] Race/ethnicity
- [ ] Age
- [ ] Public audiences traditionally underrepresented in STEM
- [ ] Families
- [ ] No, my project did not obtain counts for any of the above categories for this deliverable

Save & Continue

(SELECTING "SAVE & CONTINUE" SUBMITS THE DELIVERABLE AND RETURNS YOU TO THE DELIVERABLE LIST)



(SELECT "SUBMIT" TO SUBMIT SECTION D AND RETURN TO THE SECTION MENU)

Section E: Products, Programs, or Experiences for Professional Audiences

AISL Online Project Monitoring System

This final update has been authorized by the National Science Foundation. While you are not required to respond, your cooperation is needed to ensure that the results of this monitoring system comprehensive, accurate, and timely.

INSTRUCTIONS FOR COMPLETING THE AISL FINAL UPDATE

Project ID: 100
Award Type:

The National Science Foundation (NSF) is collecting information annually from all of its Advancing Informal STEM Learning (AISL) projects. The purpose is to obtain data that can be used to evaluate the collective impact of the AISL portfolio of funded projects, to monitor participants' activities and accomplishments, and to obtain information that can inform the design of future AISL efforts.

You should call your Westat contact person or email AISLhelp@westat.com if you have any questions about how to respond to a particular item.

Links are available at the top and bottom of the screen to assist you. For guidance on how to navigate the system, click on the *Survey Navigation* link. For information on the items contained in the survey and how to address them, click on the *Help Materials* link.

Please complete each of the following sections of the Final Update as they pertain to your AISL project. More than one person can log into the survey and enter information. You may complete the sections in any order. When you have started a section, the status will change to *Incomplete*. When you have completed a section, the status will change to *Complete*. Once all sections are complete, a *Submit Report* button will appear at the bottom of the page. Select the *Submit Report* button to complete and submit your survey.

	Status
Section A: Project and the Lead Organization	Complete
Section B: Key Members of the Project Team	Complete
Section C: Organizational Partners	Complete
Section D: Products, Programs, or Experiences for Public Audiences	Complete
Section E: Products, Programs, or Experiences for Professional Audiences	Not Started
Section F: Formative and Summative Evaluation Questions	Not Started
Section G: Project Accomplishments and Lessons Learned	Not Started
Section H: Future Directions	Not Started
Section I: Research Questions	Not Started
Final Submission Status: **Not complete**	

Question Guide

Deliverable List

Deliverable List

Use the tables below to review and update information about previously entered professional audience deliverables and, if necessary, add information for new professional audience deliverables.

- The information collected for each deliverable is very important, and you should carefully consider your response to each item. The information you provide will maximize the AISL program's capacity to report on specific trends and accomplishments at the program, project, and deliverable levels.

STEP 1: In the first table below, review and update previously entered deliverables.

- To review and update information on a deliverable, click on the deliverable name in the column titled *Previously Entered Deliverable Name*.
- Clicking on the deliverable name will bring you to a set of questions about deliverable accomplishments over the course of the AISL grant award period.

STEP 2: In the second table below, add new professional audience deliverables.

- To add a deliverable, enter the deliverable name in the text box in the *New Deliverable Name* column. Then, click the *Add* button in the right-hand column of the table.
- Your project will likely have multiple deliverables (e.g., a museum exhibit and a website). You should enter the name of each deliverable that was not entered in a previous report. Click here to review the OPMS list of professional audience deliverable types. If your deliverable type is not included on this list, you can enter it in an "Other" category when you provide information about the deliverable type.
- After you add a deliverable, click on the deliverable name in the *New Deliverable Name* column.
- Clicking on the deliverable name will bring you to a set of questions about this deliverable and what it accomplished over the course of the AISL grant award period.

Previously Entered Deliverable Name	Information Status
test - training workshop	Not Started

New Deliverable Name	Information Status	
Test professional audience deliverable: research paper	Not Started	Edit Delete
		Add

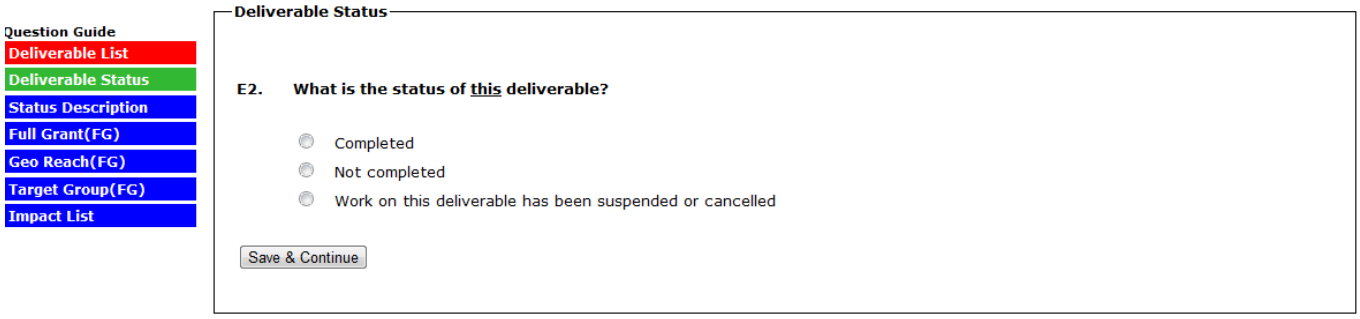
If you have completed adding and updating the professional audience deliverables, please click the *Submit* button.

Submit

(SELECTING A DELIVERABLE IN THE "PREVIOUSLY ENTERED DELIVERABLE" TABLE WILL BRING YOU TO E2 TO E10A-E. E2 TO E10A-E ASK ABOUT DELIVERABLE ACTIVITIES OVER THE COURSE OF THE AISL GRANT.)

(SELECTING A DELIVERABLE IN THE "NEW DELIVERABLE" TABLE WILL BRING YOU TO E11-E23. E11-E23 ASK ABOUT DELIVERABLE ACTIVITIES OVER THE COURSE OF THE AISL GRANT.)

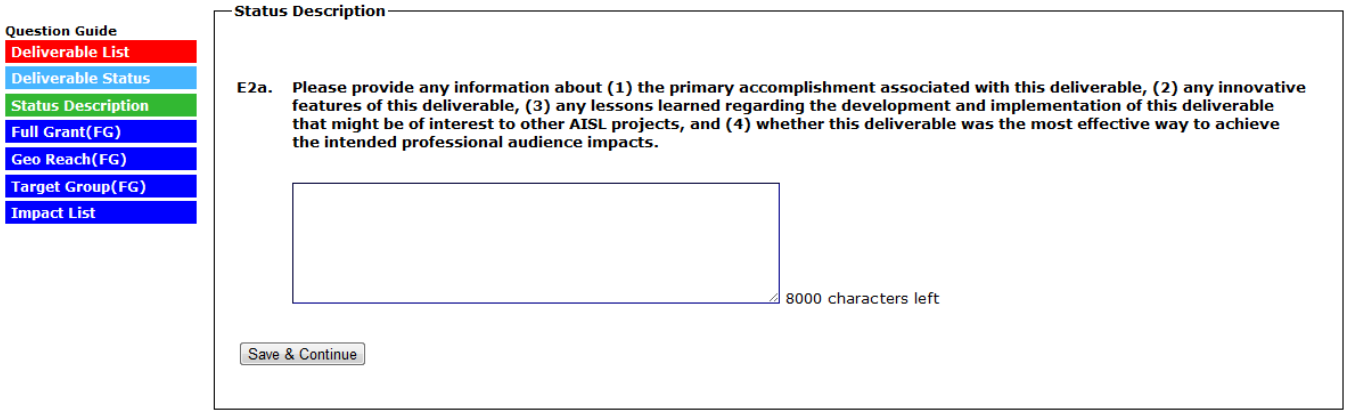
(SELECTING A DELIVERABLE IN THE "PREVIOUSLY ENTERED DELIVERABLE" TABLE WILL BRING YOU TO E2)

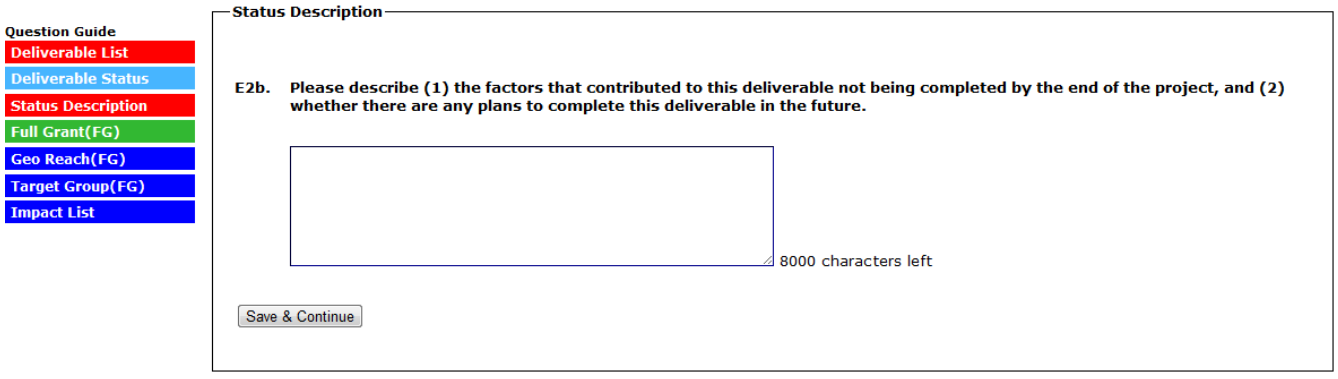


(IN E2, SELECTING "COMPLETE" SKIPS TO E2A)

(IN E2, SELECTING "NOT COMPLETE" SKIPS TO E2B)

(IN E2, SELECTING "WORK ON THE DELIVERABLE HAS BEEN SUSPENDED OR CANCELLED" SKIPS TO E2C)





Question Guide
- Deliverable List
- Deliverable Status
- Status Description
- Full Grant(FG)
- Geo Reach(FG)
- Target Group(FG)
- Impact List

Status Description

E2c. Please describe (1) the factors that contributed to the decision to suspend or cancel this deliverable, and (2) whether there are any plans to develop this deliverable in the future.

8000 characters left

Save & Continue

Question Guide
- Deliverable List
- Deliverable Status
- Status Description
- Full Grant(FG)
- Geo Reach(FG)
- Target Group(FG)
- Impact List

Full Grant (FG)

E3. Did this deliverable reach any professional audiences over the course of your AISL grant?

- Yes
- No

Save & Continue

(SELECTING NO TO E3 SKIPS TO E7/IMPACT LIST)

Question Guide
- Deliverable List
- Deliverable Status
- Status Description
- Full Grant(FG)
- Geo Reach(FG)
- Target Group(FG)
- Impact List

Geo Reach (FG)

E4. Which of the following best describes the actual geographic reach of the professional audiences that accessed or used this deliverable over the course of your AISL grant? *(Check one.)*

- **Single community or metropolitan region**
  Select even if the community or metropolitan region spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia).
- **Multiple communities within a single state or U.S. territory**
  Select if the deliverable reached professional audiences in two or more communities or metropolitan regions within a single state (e.g., a radio program that will be broadcast in Los Angeles and San Francisco).
- **Multiple states and or U.S. territories**
  Do not select if the deliverable only reached a professional audience in a single metropolitan area that spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia).

  Specify in how many states and/or territories this deliverable reached professional audiences over the course of your AISL grant:

E5. Did this deliverable TARGET international professional audiences outside of the United States and U.S. territories over the course of the AISL grant?

DO NOT select "Yes" if international audiences were passive observers/consumers of the deliverable.

- For example, a website is not targeting international audiences merely because it is accessible to an international audience via the internet. A website only TARGETS international audiences if it is specifically *designed for* or is *marketed to* a specific international audience.

Click here to show examples of how a deliverable is targeted to international professional audiences.

- No
- Yes

If Yes, please describe the EXACT steps that were taken to TARGET international professional audiences with this deliverable over the course of the AISL grant:

2000 characters left

Save & Continue

Question Guide

- Deliverable List
- Deliverable Status
- Status Description
- Full Grant(FG)
- Geo Reach(FG)
- Target Group(FG)
- Impact List

Target Group (FG)

E6. In the table below, please select <u>each</u> professional audience that this deliverable reached over the course of your AISL grant. *(Check all that apply.)*

For each professional audience that you select, please provide your best estimate of the number of professionals that you reached with <u>this</u> deliverable over the course of your AISL grant.

If possible, provide an **<u>unduplicated count</u>** of individuals who were reached over the course of your AISL grant. *If you are only providing an unduplicated count, please leave the duplicated count field blank.*

Click here for the AISL definition of unduplicated counts.

In cases where it is not possible to provide an unduplicated count, provide a **<u>duplicated count</u>** of individuals who were reached over the course of your AISL grant. *If you are only providing a duplicated count, please leave the unduplicated count field blank.*

Click here for the AISL definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

Professional Audiences		Number of participants over the course of the AISL grant		
		Unduplicated Count	Duplicated Count	Unable to determine at this time
☐	Pre-K - 12 teachers			☐
☐	Post-secondary instructors			☐
☐	Informal educators			☐
☐	Staff at after-school and youth programs			☐
☐	Staff at community programs			☐
☐	Exhibit designers			☐
☐	Media producers and/or disseminators			☐
☐	Science writers/journalists			☐
☐	Scientists, engineers, and/or mathematicians			☐
☐	Board members			☐
☐	Directors, presidents, and/or CEOs			☐
☐	Funders			☐
☐	Policymakers			☐
☐	Researchers/evaluators			☐
☐	Other *(specify)*			☐

Save & Continue

Question Guide

- Deliverable List
- Deliverable Status
- Status Description
- Full Grant(FG)
- Geo Reach(FG)
- Target Group(FG)
- Impact List

Impact List

E7. Please review and update each impact for this deliverable and, if necessary, add new impacts this deliverable is designed to achieve with your professional audiences.

The table below should list impact statements that depict **EACH** of the professional audience outcomes that are expected to occur as a result of **THIS** deliverable.

Each impact statement should be a single *sentence* that describes *how* a target audience will change as a result of exposure to this deliverable. A well-written impact statement will include the following information:

- The **professional audience** that will change as result of exposure to this deliverable *(e.g., instructors at STEM after school programs)*;
- The **type of change** that will be observed *(e.g., an increase in knowledge or awareness)*; and
- The **subject or content area** that is the focus of the impact.

A deliverable can have *multiple* impacts—e.g., one for increased knowledge **AND** another for enhanced interest. You should **NOT** combine two impacts into a single statement.

Click here to show examples of impact statements for professional audiences.

Once you have updated/created this list, you will answer a set of questions for each impact statement. *You should consult with your evaluator when updating/generating the list of impact statements and answering the corresponding questions.*

STEP 1: Review and update previously entered impacts.

- To review and update the impact(s) for this deliverable, click on the impact statement in the *Impact Statement* column.
- After reviewing and updating an impact, you will report on the extent to which your project achieved the impact.

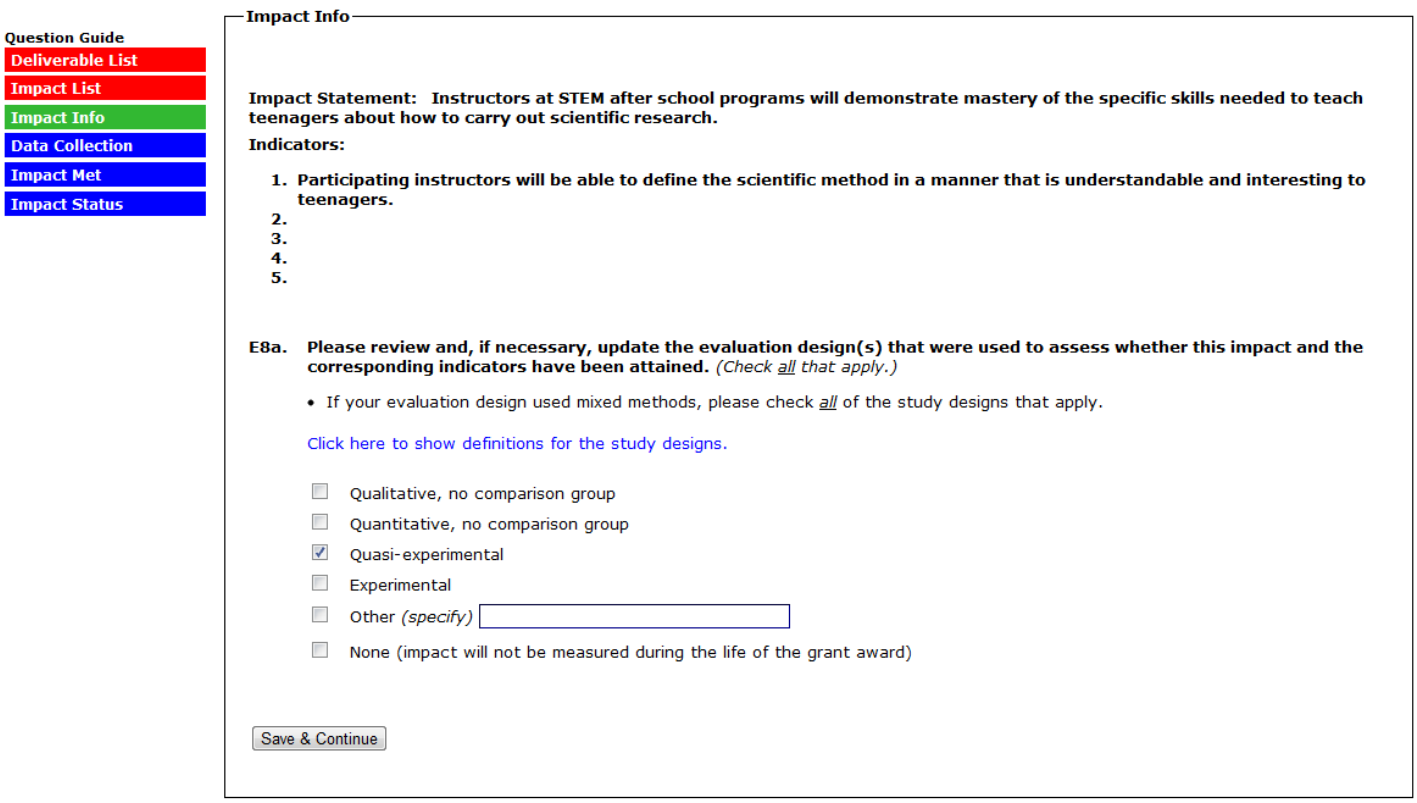
STEP 2: Add new impacts.

- To add an impact, enter the impact statement in the text box in the *Impact Statement* column. Then, click the *Add* button in the right-hand column of the table.
- After you add an impact, the impact statement becomes a link to a set of questions about the impact and the extent to which your project achieved the impact. Click on the impact statement in the *Impact Statement* column to access and complete the questions for that impact.
- Click here to obtain background information about impacts, indicators, impact categories, study designs, and data collection methods.

Impact Statement (see examples above)	Information Status	
Instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research.	Not Started	
Instructors at STEM after school programs will be interested in providing instruction about the scientific research process.	Not Started	Edit Delete
		Add

Save & Continue

(E8A to E10A-E ARE COMPLETED/REVIEWED AND UPDATED FOR EACH IMPACT STATEMENT ENTERED IN A PREVIOUS REPORT. EACH IMPACT ENTERED IN A PREVIOUS REPORT WILL HAVE NO BUTTONS/OPTIONS IN THE FAR RIGHT COLUMN OF THE IMPACT TABLE.)



(SELECTING "NONE" TO E8A SKIPS E8B)

Question Guide

- Deliverable List
- Impact List
- Impact Info
- Data Collection
- Impact Met
- Impact Status

Data Collection

Impact Statement: Instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research.

Indicators:

1. **Participating instructors will be able to define the scientific method in a manner that is understandable and interesting to teenagers.**
2.
3.
4.
5.

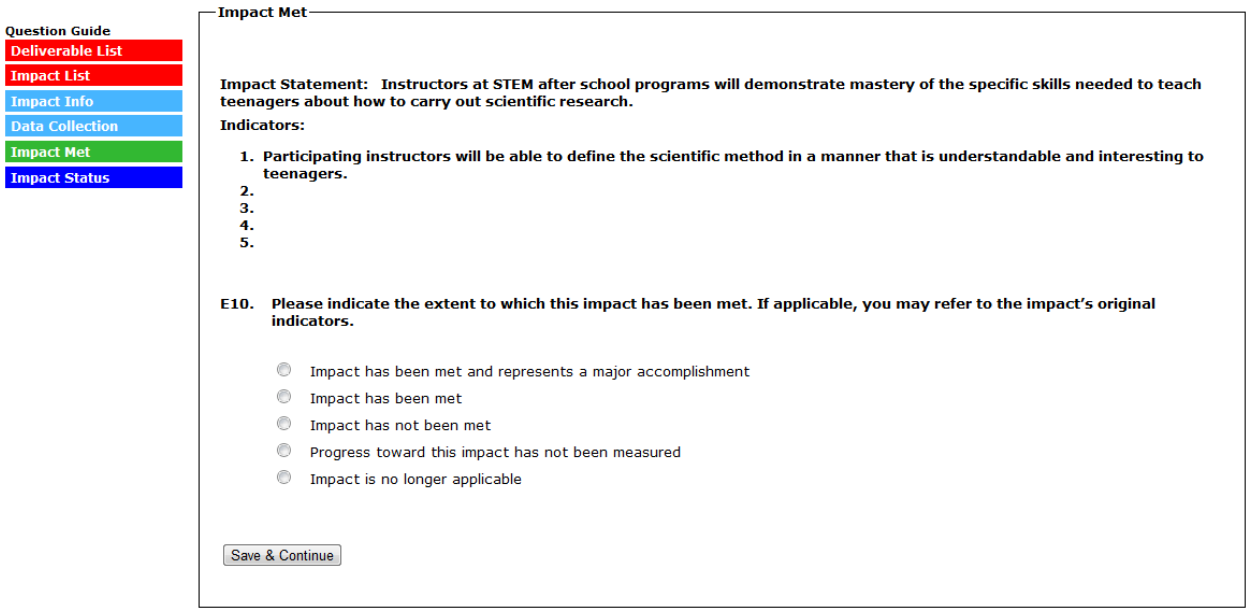
E8b. Please review and, if necessary, update the data collection methods that your project used to determine if this impact and the corresponding indicators have been attained. *(Check all that apply.)*

In responding to this item, please indicate whether each data collection activity occurred:

- **Prior to the AISL activity** *(data collected at any point in time before a participant engages in the AISL activity)*
- **During/at the end of the AISL activity** *(data collected while/ immediately after the participant engages in the AISL activity—e.g., an exit interview when leaving an exhibit)*
- **At some point after the AISL activity** *(data collected at some point after the participant has ended engagement with the activity)*

Data Collection Activity	When data was collected		
	Prior to the AISL deliverable/ activity	**During/at the end of** the AISL deliverable/ activity	At some point **after** the AISL deliverable/ activity
Administrative/participation data			
Museum attendance *(e.g., for specific exhibits)*	☐	☐	☐
Program attendance *(e.g., number participating in youth programs/professional development sessions)*	☐	☐	☐
Number of viewers *(e.g., for a movie, radio program, or television show)*	☐	☐	☐
Readership/citation/usage records	☐	☐	☐
Number of requests for deliverable	☐	☐	☐
Number of published or completed products by audience members	☐	☐	☐
Website downloads	☐	☐	☐
Website submissions	☐	☐	☐
Website hits	☐	☐	☐
School records *(e.g., grades, test scores, course enrollment)*	☐	☐	☐
Other administrative/participation data *(specify)*	☐	☐	☐
Data collected via the web/email			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Web logs by study subjects	☐	☐	☐
Other data collected via the web/email *(specify)*	☐	☐	☐
Data collected via telephone			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews	☐	☐	☐
Other data collected via telephone *(specify)*	☐	☐	☐
Data collected AT informal science education venues/programs			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews *(e.g., exit interviews)*	☐	☐	☐
Tracking and timing studies	☐	☐	☐
Direct observations of visitors'/participants'/ educators' conversations and/or behavior	☐	☐	☐
Recording visitors'/participants'/educators' conversations and/or behavior	☐	☐	☐
Diaries/journals/records maintained by study subjects *while at the informal science education venue/program*	☐	☐	☐
Problem-solving tasks/sorting tasks/drawing tasks/concept maps	☐	☐	☐
Learner artifacts	☐	☐	☐
Think-aloud techniques/protocols	☐	☐	☐
Other data collected AT informal science education venues/programs *(specify)*	☐	☐	☐
Data collected OUTSIDE of informal science education venues/other educational settings (e.g., in a participant's home)			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews	☐	☐	☐
Direct observations of study subjects' conversations/behavior *outside of the informal science venue/program*	☐	☐	☐
Diaries/journals/records maintained by study subjects *outside of the informal science education venue/program*	☐	☐	☐
Other data collected OUTSIDE of informal science venues/other educational settings *(specify)*	☐	☐	☐
Other			
Other *(specify)*	☐	☐	☐

Save & Continue



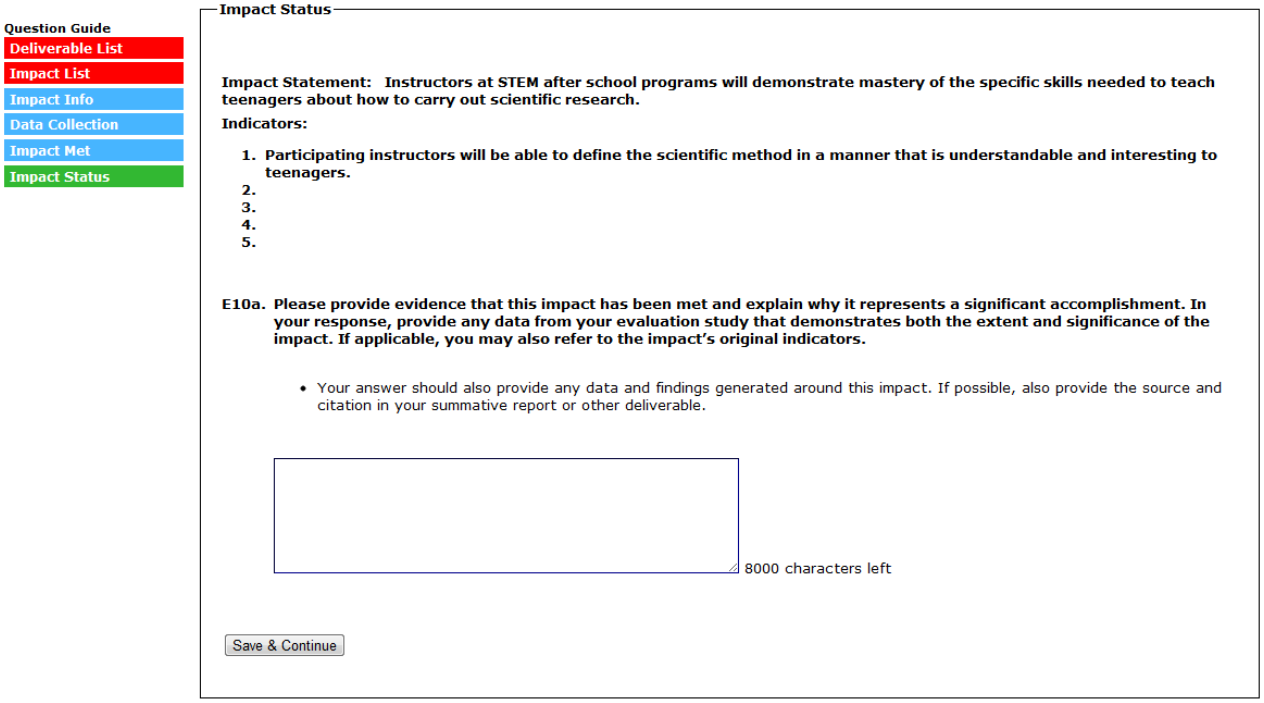
(IN E10, SELECTING "IMPACT HAS BEEN MET AND REPRESENTS A MAJOR ACCOMPLISHMENT" SKIPS TO E10A)

(IN E10, SELECTING "IMPACT HAS BEEN MET" SKIPS TO E10B)

(IN E10, SELECTING "IMPACT HAS NOT BEEN MET" SKIPS TO E10C)

(IN E10, SELECTING "PROGRESS TOWARD THIS IMPACT HAS NOT BEEN MEASURED" SKIPS TO E10D)

(IN E10, SELECTING "IMPACT IS NO LONGER APPLICABLE" SKIPS TO E10E)



Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Met
Impact Status

Impact Status

Impact Statement: Instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research.

Indicators:

1. **Participating instructors will be able to define the scientific method in a manner that is understandable and interesting to teenagers.**
2.
3.
4.
5.

E10b. Please provide evidence that this impact has been met. In your response, provide any data from your evaluation study that demonstrates the extent of the impact. If applicable, you may also refer to the impact's original indicators.

- Your answer should provide any data and findings generated around this impact. If possible, also provide the source and citation in your summative report or other deliverable.

8000 characters left

Save & Continue

Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Met
Impact Status

Impact Status

Impact Statement: Instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research.

Indicators:

1. **Participating instructors will be able to define the scientific method in a manner that is understandable and interesting to teenagers.**
2.
3.
4.
5.

E10c. Describe (1) any factors that hindered your project's ability to achieve this impact, (2) steps you are planning to take to achieve this impact in the future, and (3) method(s) your project is planning to use to document that the impact has been attained.

8000 characters left

Save & Continue

Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Met
Impact Status

Impact Status

Impact Statement: Instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research.

Indicators:

1. **Participating instructors will be able to define the scientific method in a manner that is understandable and interesting to teenagers.**
2.
3.
4.
5.

E10d. Discuss why progress toward this impact was not measured.

DF

7998 characters left

Save & Continue

Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Met
Impact Status

Impact Status

Impact Statement: Instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research.

Indicators:

1. **Participating instructors will be able to define the scientific method in a manner that is understandable and interesting to teenagers.**
2.
3.
4.
5.

E10e. Discuss why this impact no longer applies to your deliverable (e.g., change in project scope).

8000 characters left

Save & Continue

(SELECT "SAVE & CONTINUE" TO SUBMIT THE IMPACT AND RETURN TO THE IMPACT LIST)

Question Guide
Deliverable List
Deliverable Status
Status Description
Full Grant(FG)
Geo Reach(FG)
Target Group(FG)
Impact List

Impact List

E7. Please review and update each impact for this deliverable and, if necessary, add new impacts this deliverable is designed to achieve with your professional audiences.

The table below should list impact statements that depict **EACH** of the professional audience outcomes that are expected to occur as a result of **THIS** deliverable.

Each impact statement should be a single *sentence* that describes *how* a target audience will change as a result of exposure to this deliverable. A well-written impact statement will include the following information:

- The **professional audience** that will change as result of exposure to this deliverable *(e.g., instructors at STEM after school programs)*;
- The **type of change** that will be observed *(e.g., an increase in knowledge or awareness)*; and
- The **subject or content area** that is the focus of the impact.

A deliverable can have *multiple* impacts—e.g., one for increased knowledge **AND** another for enhanced interest. You should **NOT** combine two impacts into a single statement.

Click here to show examples of impact statements for professional audiences.

Once you have updated/created this list, you will answer a set of questions for each impact statement. *You should consult with your evaluator when updating/generating the list of impact statements and answering the corresponding questions.*

STEP 1: Review and update previously entered impacts.

- To review and update the impact(s) for this deliverable, click on the impact statement in the *Impact Statement* column.
- After reviewing and updating an impact, you will report on the extent to which your project achieved the impact.

STEP 2: Add new impacts.

- To add an impact, enter the impact statement in the text box in the *Impact Statement* column. Then, click the *Add* button in the right-hand column of the table.
- After you add an impact, the impact statement becomes a link to a set of questions about the impact and the extent to which your project achieved the impact. Click on the impact statement in the *Impact Statement* column to access and complete the questions for that impact.
- Click here to obtain background information about impacts, indicators, impact categories, study designs, and data collection methods.

Impact Statement (see examples above)	Information Status	
Instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research.	Complete	
Instructors at STEM after school programs will be interested in providing instruction about the scientific research process.	Not Started	Edit Delete
		Add

Save & Continue

(E9A TO E10A-E ARE COMPLETED FOR EACH IMPACT STATEMENT ADDED IN THE CURRENT REPORT. EACH IMPACT ENTERED IN THE CURRENT REPORT WILL HAVE AN "EDIT" AND "DELETE" BUTTON IN THE FAR RIGHT COLUMN OF THE IMPACT TABLE.)

Question Guide
- Deliverable List
- Impact List
- Impact Info
- Data Collection
- Impact Met
- Impact Status

Impact Info

Impact Statement: Instructors at STEM after school programs will be interested in providing instruction about the scientific research process.

E9a. Please indicate the appropriate category for this impact statement. *(Check one.)*

- ***Awareness, knowledge, or understanding* of a concept or topic** *(e.g., instructors at STEM after school programs will learn about the scientific research process)*
- ***Engagement or interest* in a concept or topic** *(e.g., instructors at STEM after school programs will be interested in providing instruction about the scientific research process)*
- ***Attitude* regarding a concept or topic** *(e.g., instructors at STEM after school programs will have more positive attitudes towards using the scientific research process with teenagers)*
- ***Behavior* regarding a concept or topic** *(e.g., instructors at STEM after school programs will conduct scientific research with teenagers)*
- ***Skills* regarding a concept or topic** *(e.g., instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research)*
- ***Other*** *(specify)* [ ]

E9b. What indicators did you use to determine whether this impact was achieved?

- Indicators are the evidence that is used to measure progress towards a given impact. An indicator answers the question: How will you know it when you see it?
- Effective indicators align directly to impacts and are clear, measurable, unbiased, and sensitive to change. For instance, if an impact relates to knowledge gains, the indicator should measure knowledge gains as opposed to, say, participant interest.
- While indicators are measurable, they do not always need to be quantifiable. Indicators can also be qualitative and descriptive, i.e., "Participants will describe that they ..."

Click here to show examples of indicators that might be used to measure progress towards the following impact: *Instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research.*

1. [ ] 1000 characters left
2. [ ] 1000 characters left
3. [ ] 1000 characters left
4. [ ] 1000 characters left
5. [ ] 1000 characters left

E9c. Which of the following evaluation designs were used to assess whether this impact and the corresponding indicators have been attained? *(Check all that apply.)*

- If your evaluation design used mixed methods, please check all of the study designs that apply.

Click here to show definitions for the study designs.

- [ ] Qualitative, no comparison group
- [ ] Quantitative, no comparison group
- [ ] Quasi-experimental
- [ ] Experimental
- [ ] Other *(specify)* [ ]
- [ ] None (impact was not measured during the life of the grant award)

Save & Continue

(SELECTING "NONE" TO E9C SKIPS E9D)

Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Met
Impact Status

Data Collection

Impact Statement: Instructors at STEM after school programs will be interested in providing instruction about the scientific research process.

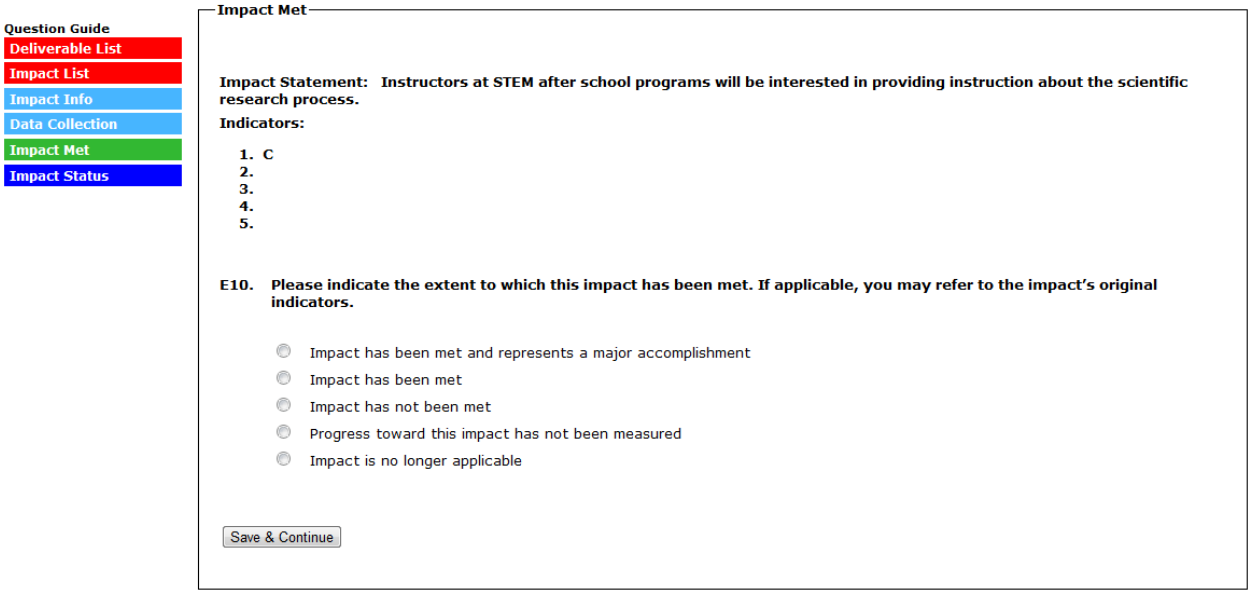
E9d. Which of the following data collection methods were used to assess whether <u>this</u> impact and the corresponding indicators have been attained? *(Check <u>all</u> that apply.)*

In responding to this item, please indicate whether each data collection activity occurred:

- **Prior to the AISL activity** *(data collected at any point in time before a participant engages in the AISL activity)*
- **During/at the end of the AISL activity** *(data collected while/ immediately after the participant engages in the AISL activity—e.g., an exit interview when leaving an exhibit)*
- **At some point after the AISL activity** *(data collected at some point after the participant has ended engagement with the activity)*

Data Collection Activity	When data was collected		
	Prior to the AISL deliverable/ activity	**During/at the end of** the AISL deliverable/ activity	At some point **after** the AISL deliverable/ activity
Administrative/participation data			
Museum attendance *(e.g., for specific exhibits)*	☐	☐	☐
Program attendance *(e.g., number participating in youth programs/professional development sessions)*	☐	☐	☐
Number of viewers *(e.g., for a movie, radio program, or television show)*	☐	☐	☐
Readership/citation/usage records	☐	☐	☐
Number of requests for deliverable	☐	☐	☐
Number of published or completed products by audience members	☐	☐	☐
Website downloads	☐	☐	☐
Website submissions	☐	☐	☐
Website hits	☐	☐	☐
School records *(e.g., grades, test scores, course enrollment)*	☐	☐	☐
Other administrative/participation data *(specify)*	☐	☐	☐
Data collected via the web/email			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Web logs by study subjects	☐	☐	☐
Other data collected via the web/email *(specify)*	☐	☐	☐
Data collected via telephone			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews	☐	☐	☐
Other data collected via telephone *(specify)*	☐	☐	☐
Data collected <u>AT</u> informal science education venues/programs			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews *(e.g., exit interviews)*	☐	☐	☐
Tracking and timing studies	☐	☐	☐
Direct observations of visitors'/participants'/ educators' conversations and/or behavior	☐	☐	☐
Recording visitors'/participants'/educators' conversations and/or behavior	☐	☐	☐
Diaries/journals/records maintained by study subjects *while at the informal science education venue/program*	☐	☐	☐
Problem-solving tasks/sorting tasks/drawing tasks/concept maps	☐	☐	☐
Learner artifacts	☐	☐	☐
Think-aloud techniques/protocols	☐	☐	☐
Other data collected <u>AT</u> informal science education venues/programs *(specify)*	☐	☐	☐
Data collected <u>OUTSIDE</u> of informal science education venues/other educational settings (e.g., in a participant's home)			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews	☐	☐	☐
Direct observations of study subjects' conversations/behavior *outside of the informal science venue/program*	☐	☐	☐
Diaries/journals/records maintained by study subjects *outside of the informal science education venue/program*	☐	☐	☐
Other data collected <u>OUTSIDE</u> of informal science venues/other educational settings *(specify)*	☐	☐	☐
Other			
Other *(specify)*	☐	☐	☐

Save & Continue



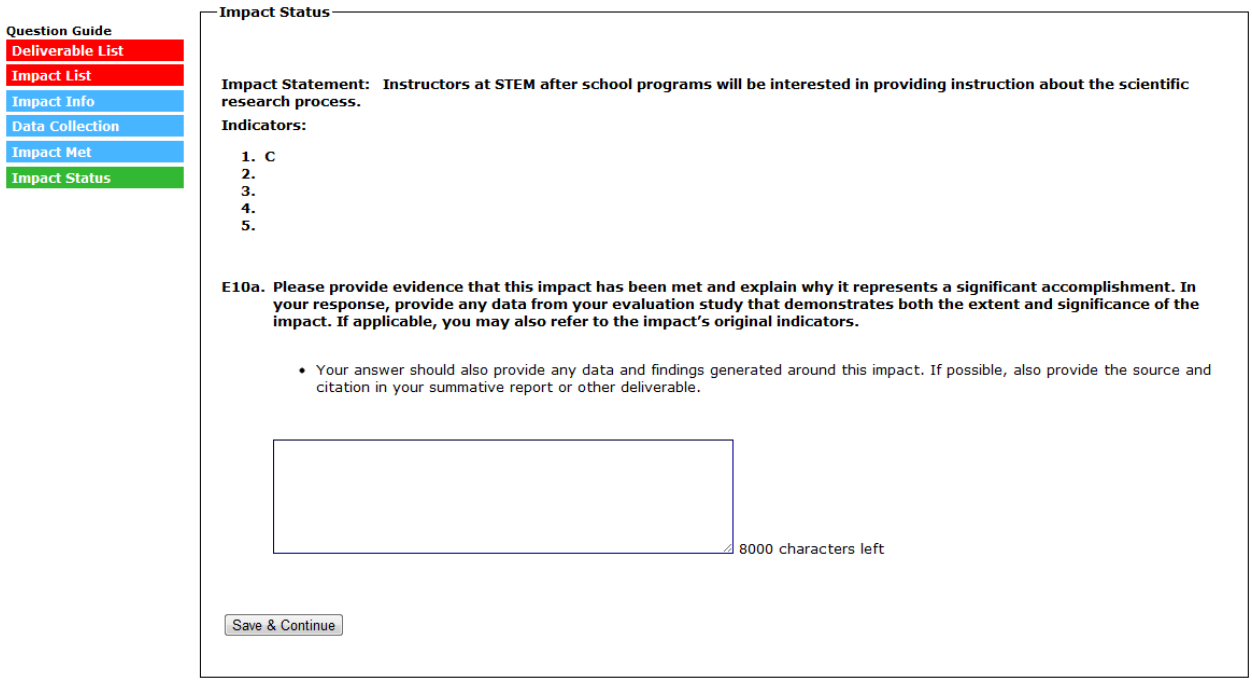
(IN E10, SELECTING "IMPACT HAS BEEN MET AND REPRESENTS A MAJOR ACCOMPLISHMENT" SKIPS TO E10A)

(IN E10, SELECTING "IMPACT HAS BEEN MET" SKIPS TO E10B)

(IN E10, SELECTING "IMPACT HAS NOT BEEN MET" SKIPS TO E10C)

(IN E10, SELECTING "PROGRESS TOWARD THIS IMPACT HAS NOT BEEN MEASURED" SKIPS TO E10D)

(IN E10, SELECTING "IMPACT IS NO LONGER APPLICABLE" SKIPS TO E10E)



Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Met
Impact Status

Impact Status

Impact Statement: Instructors at STEM after school programs will be interested in providing instruction about the scientific research process.

Indicators:

1. **C**
2.
3.
4.
5.

E10b. Please provide evidence that this impact has been met. In your response, provide any data from your evaluation study that demonstrates the extent of the impact. If applicable, you may also refer to the impact's original indicators.

- Your answer should provide any data and findings generated around this impact. If possible, also provide the source and citation in your summative report or other deliverable.

8000 characters left

Save & Continue

Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Met
Impact Status

Impact Status

Impact Statement: Instructors at STEM after school programs will be interested in providing instruction about the scientific research process.

Indicators:

1. **C**
2.
3.
4.
5.

E10c. Describe (1) any factors that hindered your project's ability to achieve this impact, (2) steps you are planning to take to achieve this impact in the future, and (3) method(s) your project is planning to use to document that the impact has been attained.

8000 characters left

Save & Continue

Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Met
Impact Status

Impact Status

Impact Statement: Instructors at STEM after school programs will be interested in providing instruction about the scientific research process.

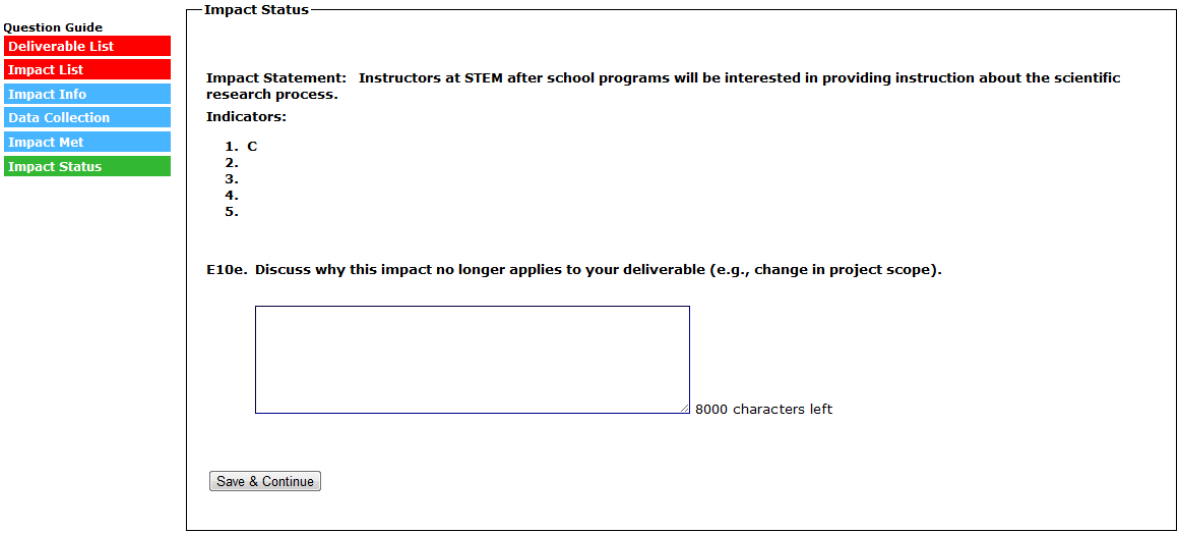
Indicators:

1. **C**
2.
3.
4.
5.

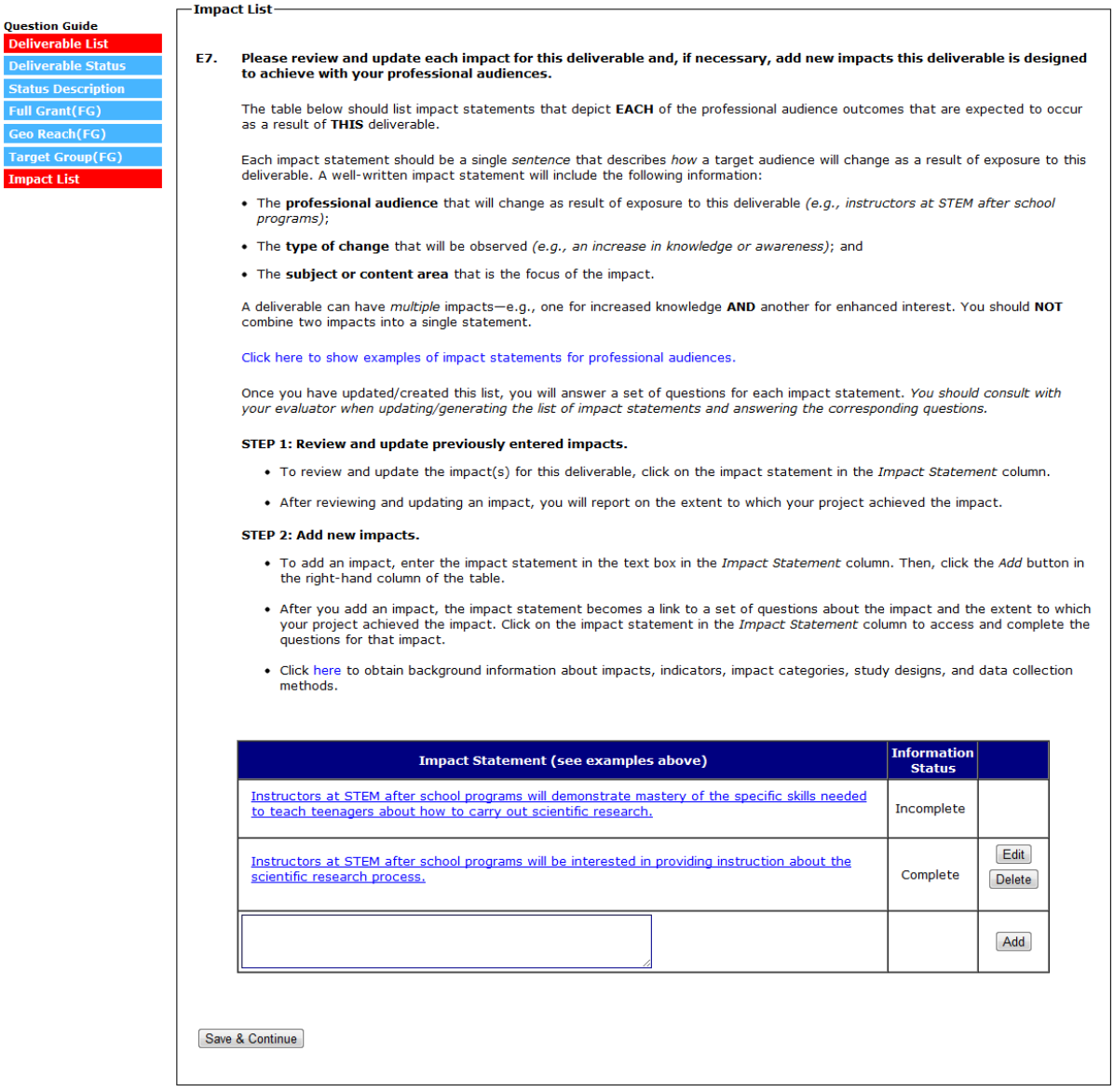
E10d. Discuss why progress toward this impact was not measured.

8000 characters left

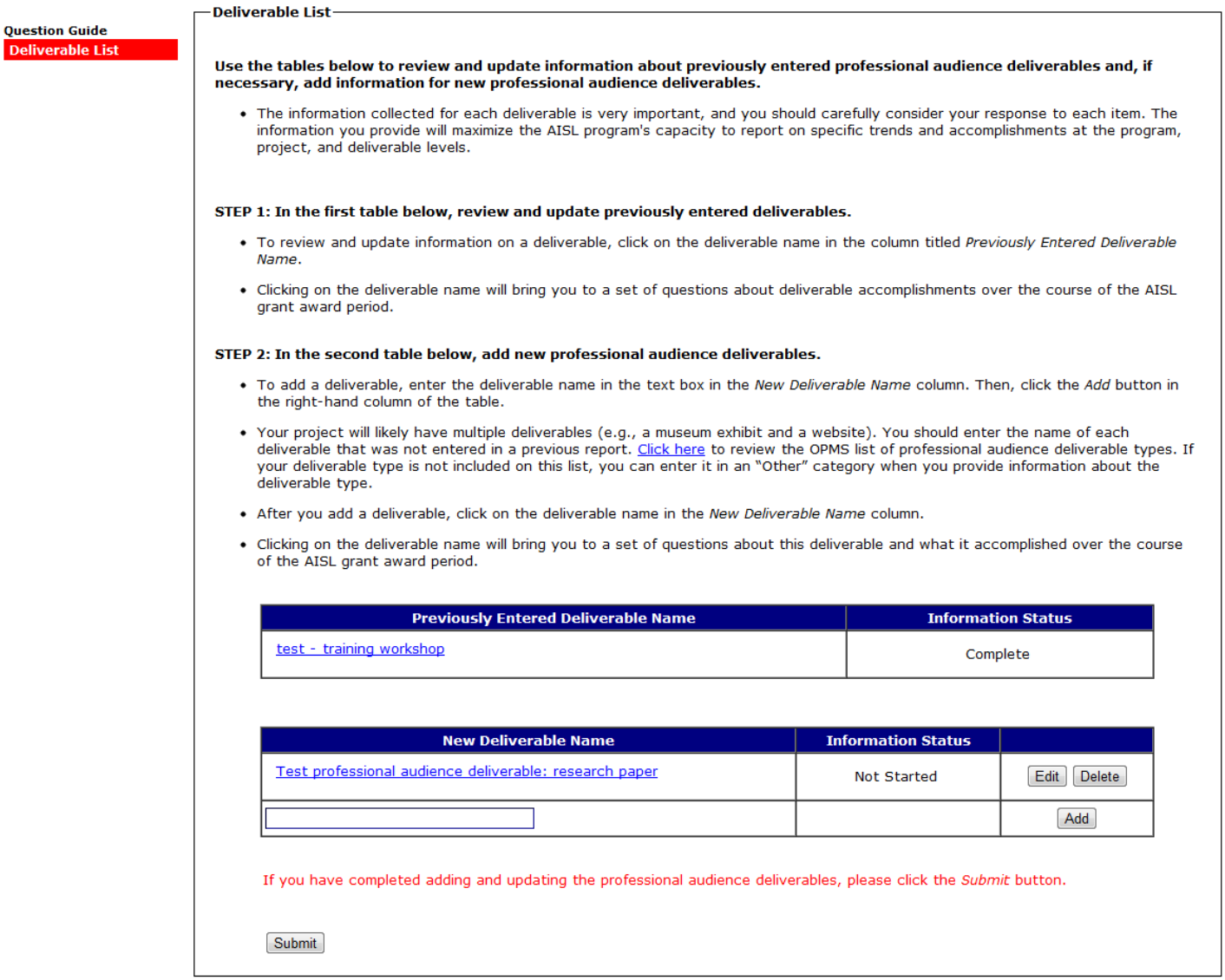
Save & Continue



(SELECT "SAVE & CONTINUE" TO SUBMIT THE IMPACT AND RETURN TO THE IMPACT LIST)



(SELECT "SAVE AND CONTINUE" TO SUBMIT THE DELIVERABLE AND RETURN TO THE DELIVERABLE LIST)



(SELECTING A DELIVERABLE IN THE "NEW DELIVERABLE" TABLE WILL BRING YOU TO E11-E23. E11-E23 ARE QUESTIONS ABOUT WHAT THE DELIVERABLE ACCOMPLISHED OVER THE COURSE OF THE AISL GRANT.)

(SELECTING A DELIVERABLE IN THE "NEW DELIVERABLE" TABLE WILL BRING YOU TO E11)

Question Guide
- Deliverable List
- Deliverable Type
- Project Info
- Impact Organization
- Impact List
- Full Grant(FG)
- Geo Reach(FG)
- Target Group(FG)

Deliverable Type

E11. Please indicate the deliverable type that best describes this product, program, or experience. *(Select one.)*

Audio and Video	
Video segment/clip/program/series *(e.g., training videos, webinars)*	○
Audio segment/clip/program/series	○
Other audio or video *(specify)*	○

Resource Materials and Information Sharing	
Blog/newsletter	○
Discussion group/forum/information sharing network	○
Curriculum	○
Training workshop	○
Presentation *(e.g., lecture at a conference for formal educators)*	○
Research paper, issue brief, or publication *(e.g., an article in a peer-reviewed journal)*	○
Informational guide *(e.g., teacher guides for museum exhibit)*	○
Demonstration/activity kit/guide *(with supplies and/or instructions to perform experiments or activities)*	○
Program or event	○
Theater production or performance	○
Conference	○
Residency program	○
Other resource materials *(specify)*	○

Infrastructure Development or Enhancement for Facilitated Communication	
Evaluation tools	○
Website for professional audiences *(e.g., wiki website)*	○
Database *(e.g., creating a new database or developing the capacity to contribute to an existing database)*	○
Customizable tools or computer infrastructure	○
Other infrastructure *(specify)*	○

Games and Information and Communication Technologies	
Game *(e.g., mobile online games, massively multiplayer online games, console games, board games)*	○
Simulation *(e.g., a virtual museum exhibit, a simulation of a scientific phenomenon)*	○
Application for mobile/wireless device *(e.g., GPS or iPhone/iPad application)*	○
Other information and communication technology *(specify)*	○

Project Website	
Project Website	○

Other	
Other *(specify)*	○

Save & Continue

Question Guide
- Deliverable List
- Deliverable Type
- Project Info
- Impact Organization
- Impact List
- Full Grant(FG)
- Geo Reach(FG)
- Target Group(FG)

Project Info

E12. Please provide a brief description of this deliverable. The description should include information about:

- The deliverable's purpose or what it will accomplish.
- The deliverable's content.
- Any unique or innovative features about the deliverable.

2000 characters left

E13. Please indicate whether this deliverable is a primary or secondary focus of your overall AISL project.

- Primary focus *(i.e., at least 25 percent of your overall AISL project effort in terms of budget and/or staff time)*
- Secondary focus *(i.e., less than 25 percent of your overall AISL project effort in terms of budget and/or staff time)*

E14. Which of the following are the primary and secondary STEM content foci of this deliverable?

- This item focuses exclusively on the STEM content that is being conveyed by this deliverable *(e.g., what the project is looking to educate professional audiences about).*
- Check up to two primary STEM content foci for this deliverable. Check all remaining secondary STEM content foci that apply for this deliverable.

STEM Content Area	Primary	Secondary
Biological Sciences		
Environmental Biology	☐	☐
Integrative Organismal Systems	☐	☐
Molecular and Cellular Biosciences	☐	☐
Evolution	☐	☐
Anatomy	☐	☐
Other biological sciences *(specify)*	☐	☐
Computer and Informational Sciences		
Computer and Network Systems	☐	☐
Intelligent Systems and Robotics	☐	☐
Other computer and informational sciences *(specify)*	☐	☐
Engineering		
Chemical, Bioengineering, Environmental, Transport Systems	☐	☐
Civil, Mechanical and Manufacturing Innovation	☐	☐
Electrical, Communications and Cyber Systems	☐	☐
Other engineering *(specify)*	☐	☐
Geosciences		
Atmospheric Sciences	☐	☐
Earth Sciences	☐	☐
Ocean Sciences	☐	☐
Other geosciences *(specify)*	☐	☐
Math and Physical Sciences		
Astronomical Sciences	☐	☐
Chemistry	☐	☐
Materials Research	☐	☐
Mathematical Sciences	☐	☐
Physics	☐	☐
Other math and physical sciences *(specify)*	☐	☐
Social, Behavioral and Economic Sciences		
Behavioral and Cognitive Sciences	☐	☐
Human and Social Dynamics	☐	☐
Science of Learning	☐	☐
Science Resource Statistics	☐	☐
Social and Economic Sciences	☐	☐
Archaeology/Paleontology	☐	☐
Other social, behavioral and economic sciences *(specify)*	☐	☐
Other		

(CONTINUED ON NEXT PAGE)

Other		
Animal Sciences	☐	☐
Plant Sciences	☐	☐
Environmental/Conservation/Climate Sciences	☐	☐
Nanotechnology	☐	☐
History of Science	☐	☐
Energy	☐	☐
Scientific Tools	☐	☐
Other *(specify)*	☐	☐

E15. Is this deliverable interdisciplinary *(i.e., does it integrate concepts across multiple content areas)?*

ONLY select "Yes" if your deliverable is interdisciplinary:

- A deliverable is **interdisciplinary** if it **integrates** concepts, information, techniques, perspectives, theories, etc. from two or more disciplines. For example, curriculum is interdisciplinary if a single lesson explores how math skills are utilized in a specific scientific field.

DO NOT select "Yes" if your deliverable is multidisciplinary OR the team developing the deliverable is multidisciplinary:

- A deliverable is **multidisciplinary** if it **includes, but does not integrate**, concepts, information, techniques, perspectives, theories, etc. from two or more disciplines. For example, curriculum is multidisciplinary if it includes one lesson about math skills and a separate lesson about a specific scientific field. In this case, math and science are **not integrated**.
- A deliverable is **NOT interdisciplinary** simply because the team members developing the deliverable come from multiple disciplines. The deliverable, and not the team, must integrate two or more disciplines in order to be interdisciplinary.

Click here to show examples of interdisciplinary professional audience deliverables.

○ No
○ Yes

If Yes, please describe the EXACT steps that were taken to make this deliverable interdisciplinary:

2000 characters left

Save & Continue

Question Guide

- Deliverable List
- Deliverable Type
- Project Info
- Impact Organization
- Impact List
- Full Grant(FG)
- Geo Reach(FG)
- Target Group(FG)

Impact Organization

E16. Where did the information gained or disseminated from <u>this</u> deliverable ultimately have the greatest impact? *(Check all that apply.)*

Informal Learning Institution/Organization	
Arboretum or botanical garden	☐
Children's museum	☐
History or art museum	☐
Natural history museum	☐
Science-technology center or museum	☐
Multi-type museum *(e.g., a museum that is both a science-technology museum and a natural history museum)*	☐
Tribal museum	☐
Nature or interpretive center	☐
Planetarium or fulldome theater	☐
Combined planetarium and science technology-center or museum	☐
Zoo or a combined zoo/aquarium	☐
Aquarium only	☐
Library	☐
Theater or theater organization	☐
Community organization	☐
Youth organization/after-school organization	☐
Other informal learning institution/organization*(specify)*	☐
Media Design and Production	
Exhibit design/fabrication firm/entity	☐
Planetarium show production firm/entity	☐
Independent film or media production firm/entity	☐
Print media production firm/entity	☐
Radio station or organization	☐
Television station or organization	☐
Television and radio station or organization	☐
Website design firm/entity	☐
Software design firm/entity	☐
Digital/interactive media design and production firm/entity	☐
Other media design/production *(specify)*	☐
Educational Institution	
Pre-K-12 district/school *(including charter schools and private schools)*	☐
Continuing education institution	☐
2-year college or community college	☐
4-year college or university	☐
Graduate or professional school	☐
Other educational institution *(specify)*	☐
Educational Support Services	
Educational or STEM materials development firm/entity	☐
Educational or STEM research firm/entity	☐
Other educational support services *(specify)*	☐
Other	
Public or government agency	☐
Evaluation or research firm/entity	☐
Research and educational outreach firm/entity	☐
Research laboratory/center	☐
Consulting/public relations/marketing/communications firm/entity	☐
Foundation or grant-making institution	☐
Private company	☐
National or regional association or professional organization	☐
Other *(specify)*	☐
Multi-category	
Multi-category *(e.g., two or more organization categories)*	☐

Save & Continue

(SELECTING "THERE ARE NO IMPACTS FOR THIS DELIVERABLE" (OPTION AVAILABLE ONLY FOR DELIVERABLES MARKED "SECONDARY FOCUS" IN E13) WILL SKIP TO E20. FOR EACH IMPACT STATEMENT ENTERED INTO THE TABLE, ANSWER E18A TO E19A-E.)

Question Guide
- Deliverable List
- Deliverable Type
- Project Info
- Impact Organization
- Impact List
- Full Grant(FG)
- Geo Reach(FG)
- Target Group(FG)

Impact List

E17. Please provide the following information about the impacts of this deliverable on your professional audience.

- If no impacts will be measured for this deliverable, select the box below the table.

Use the table below to generate a list of impact statements that depict **EACH** of the professional audience outcomes that are expected to occur as a result of **THIS** deliverable.

Each impact statement should be a single *sentence* that describes *how* a target audience will change as a result of exposure to this deliverable. A well-written impact statement will include the following information:

- The **professional audience** that will change as result of exposure to this deliverable *(e.g., instructors at STEM after school programs)*;
- The **type of change** that will be observed *(e.g., an increase in knowledge or awareness)*; and
- The **subject or content area** that is the focus of the impact.

A deliverable can have *multiple* impacts—e.g., one for increased knowledge **AND** another for enhanced interest. You should **NOT** combine two impacts into a single statement.

Click here to hide examples of impact statements for professional audiences.

- Instructors at STEM after school programs will *learn* about the scientific research process.
- Instructors at STEM after school programs will be *interested* in providing instruction about the scientific research process.
- Instructors at STEM after school programs will have more *positive attitudes* towards using the scientific research process with teenagers.
- Instructors at STEM after school programs *will conduct* scientific research with teenagers.
- Instructors at STEM after school programs will demonstrate mastery of the specific *skills* needed to teach teenagers about how to carry out scientific research.

Once you have created this list, you will answer a set of questions for each impact statement about corresponding indicators, study designs, data collection methods, and the extent to which your project achieved the impact. *You should consult with your evaluator when generating a list of impact statements and answering the corresponding questions.*

STEP 1: Generate a list of impact statements for this deliverable.

- To add an impact, enter the impact statement in the text box in the *Impact Statement* column. Then, click the *Add* button in the right-hand column of the table.

STEP 2: Provide information about each impact.

- After you add an impact, the impact statement becomes a link to a set of questions about the impact and the extent to which your project achieved the impact.
- Click on the impact statement in the *Impact Statement* column to access and complete the questions for that impact.
- Click here to obtain background information about impacts, indicators, impact categories, study designs, and data collection methods.

Impact Statement (see examples above)	Information Status	
Instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research.	Not Started	Edit Delete
		Add

☐ There are no impacts for this deliverable.

Save & Continue

Question Guide

- Deliverable List
- Impact List
- Impact Info
- Data Collection
- Impact Met
- Impact Status

Impact Info

Impact Statement: Instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research.

E18a. Please indicate the appropriate category for this impact statement. *(Check one.)*

- ***Awareness, knowledge, or understanding* of a concept or topic** *(e.g., instructors at STEM after school programs will learn about the scientific research process)*
- ***Engagement or interest* in a concept or topic** *(e.g., instructors at STEM after school programs will be interested in providing instruction about the scientific research process)*
- ***Attitude* regarding a concept or topic** *(e.g., instructors at STEM after school programs will have more positive attitudes towards using the scientific research process with teenagers)*
- ***Behavior* regarding a concept or topic** *(e.g., instructors at STEM after school programs will conduct scientific research with teenagers)*
- ***Skills* regarding a concept or topic** *(e.g., instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research)*
- ***Other*** *(specify)*

E18b. What indicators did you use to determine whether this impact was achieved?

- Indicators are the evidence that is used to measure progress towards a given impact. An indicator answers the question: How will you know it when you see it?
- Effective indicators align directly to impacts and are clear, measurable, unbiased, and sensitive to change. For instance, if an impact relates to knowledge gains, the indicator should measure knowledge gains as opposed to, say, participant interest.
- While indicators are measurable, they do not always need to be quantifiable. Indicators can also be qualitative and descriptive, i.e., "Participants will describe that they ..."

Click here to show examples of indicators that might be used to measure progress towards the following impact: *Instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research.*

1. 1000 characters left
2. 1000 characters left
3. 1000 characters left
4. 1000 characters left
5. 1000 characters left

E18c. Which of the following evaluation designs were used to assess whether this impact and the corresponding indicators have been attained? *(Check all that apply.)*

- If your evaluation design used mixed methods, please check *all* of the study designs that apply.

Click here to show definitions for the study designs.

- Qualitative, no comparison group
- Quantitative, no comparison group
- Quasi-experimental
- Experimental
- Other *(specify)*
- None (impact was not measured during the life of the grant award)

Save & Continue

(SELECTING "NONE" TO E18C SKIPS E18C SKIPS E18D)

Question Guide

- Deliverable List
- Impact List
- Impact Info
- Data Collection
- Impact Met
- Impact Status

Data Collection

Impact Statement: Instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research.

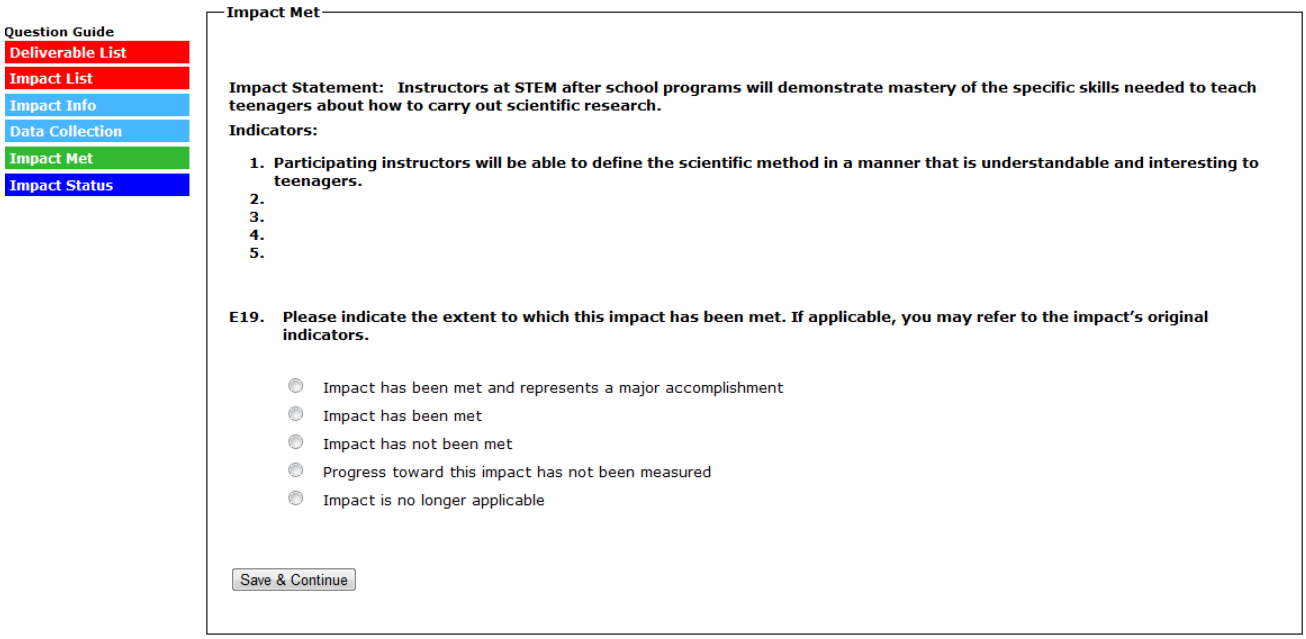
E18d. Which of the following data collection methods were used to assess whether this impact and the corresponding indicators have been attained? *(Check all that apply.)*

In responding to this item, please indicate whether each data collection activity occurred:

- **Prior to the AISL activity** *(data collected at any point in time before a participant engages in the AISL activity)*
- **During/at the end of the AISL activity** *(data collected while/ immediately after the participant engages in the AISL activity—e.g., an exit interview when leaving an exhibit)*
- **At some point after the AISL activity** *(data collected at some point after the participant has ended engagement with the activity)*

Data Collection Activity	When data was collected		
	Prior to the AISL deliverable/ activity	**During/at the end of** the AISL deliverable/ activity	At some point **after** the AISL deliverable/ activity
Administrative/participation data			
Museum attendance *(e.g., for specific exhibits)*	☐	☐	☐
Program attendance *(e.g., number participating in youth programs/professional development sessions)*	☐	☐	☐
Number of viewers *(e.g., for a movie, radio program, or television show)*	☐	☐	☐
Readership/citation/usage records	☐	☐	☐
Number of requests for deliverable	☐	☐	☐
Number of published or completed products by audience members	☐	☐	☐
Website downloads	☐	☐	☐
Website submissions	☐	☐	☐
Website hits	☐	☐	☐
School records *(e.g., grades, test scores, course enrollment)*	☐	☐	☐
Other administrative/participation data *(specify)*	☐	☐	☐
Data collected via the web/email			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Web logs by study subjects	☐	☐	☐
Other data collected via the web/email *(specify)*	☐	☐	☐
Data collected via telephone			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews	☐	☐	☐
Other data collected via telephone *(specify)*	☐	☐	☐
Data collected AT informal science education venues/programs			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews *(e.g., exit interviews)*	☐	☐	☐
Tracking and timing studies	☐	☐	☐
Direct observations of visitors'/participants'/ educators' conversations and/or behavior	☐	☐	☐
Recording visitors'/participants'/educators' conversations and/or behavior	☐	☐	☐
Diaries/journals/records maintained by study subjects *while at the informal science education venue/program*	☐	☐	☐
Problem-solving tasks/sorting tasks/drawing tasks/concept maps	☐	☐	☐
Learner artifacts	☐	☐	☐
Think-aloud techniques/protocols	☐	☐	☐
Other data collected AT informal science education venues/programs *(specify)*	☐	☐	☐
Data collected OUTSIDE of informal science education venues/other educational settings (e.g., in a participant's home)			
Questionnaire/survey	☐	☐	☐
Formal assessment/test	☐	☐	☐
Focus groups	☐	☐	☐
Interviews	☐	☐	☐
Direct observations of study subjects' conversations/behavior *outside of the informal science venue/program*	☐	☐	☐
Diaries/journals/records maintained by study subjects *outside of the informal science education venue/program*	☐	☐	☐
Other data collected OUTSIDE of informal science venues/other educational settings *(specify)*	☐	☐	☐
Other			
Other *(specify)*	☐	☐	☐

Save & Continue



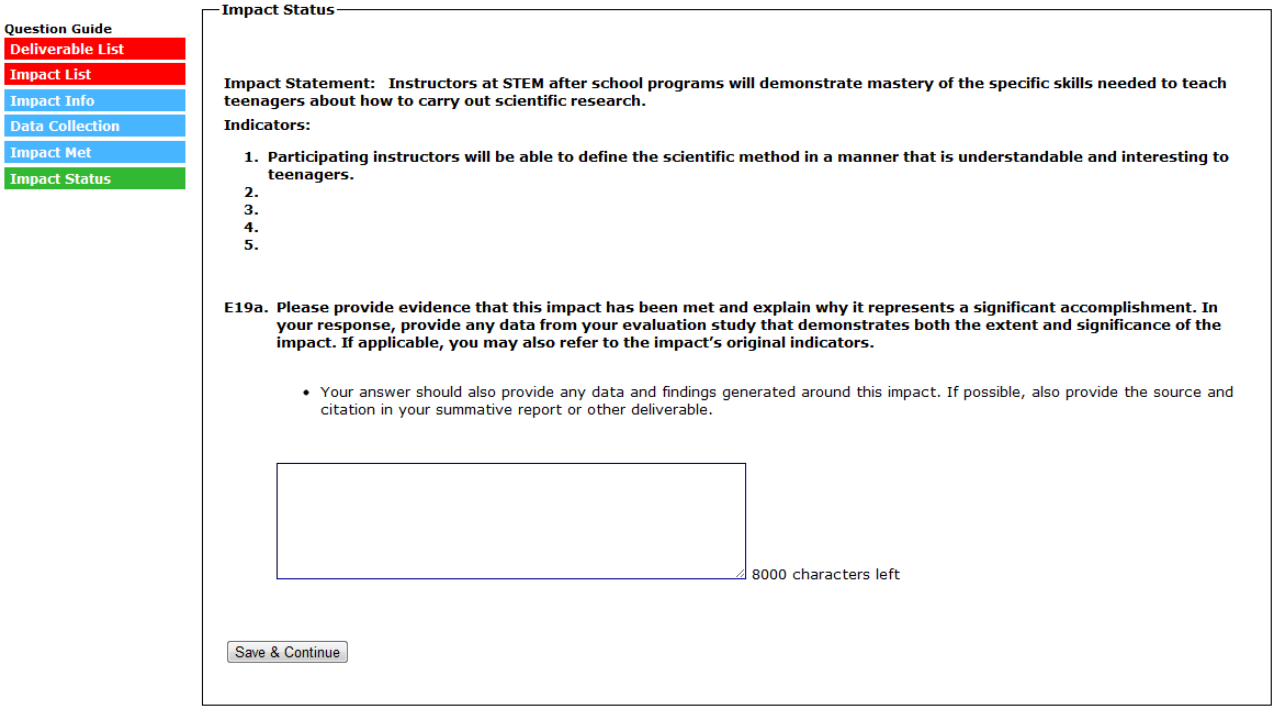
(IN E19, SELECTING "IMPACT HAS BEEN MET AND REPRESENTS A MAJOR ACCOMPLISHMENT" SKIPS TO E19A)

(IN E19, SELECTING "IMPACT HAS BEEN MET" SKIPS TO E19B)

(IN E19, SELECTING "IMPACT HAS NOT BEEN MET" SKIPS TO E19C)

(IN E19, SELECTING "PROGRESS TOWARD THIS IMPACT HAS NOT BEEN MEASURED" SKIPS TO E19D)

(IN E19, SELECTING "IMPACT IS NO LONGER APPLICABLE" SKIPS TO E19E)



Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Met
Impact Status

Impact Status

Impact Statement: Instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research.

Indicators:

1. **Participating instructors will be able to define the scientific method in a manner that is understandable and interesting to teenagers.**
2.
3.
4.
5.

E19b. Please provide evidence that this impact has been met. In your response, provide any data from your evaluation study that demonstrates the extent of the impact. If applicable, you may also refer to the impact's original indicators.

- Your answer should also provide any data and findings generated around this impact. If possible, also provide the source and citation in your summative report or other deliverable.

8000 characters left

Save & Continue

Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Met
Impact Status

Impact Status

Impact Statement: Instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research.

Indicators:

1. **Participating instructors will be able to define the scientific method in a manner that is understandable and interesting to teenagers.**
2.
3.
4.
5.

E19c. Describe (1) any factors that hindered your project's ability to achieve this impact, (2) steps you are planning to take to achieve this impact in the future, and (3) method(s) your project is planning to use to document that the impact has been attained.

8000 characters left

Save & Continue

Question Guide
Deliverable List
Impact List
Impact Info
Data Collection
Impact Met
Impact Status

Impact Status

Impact Statement: Instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research.

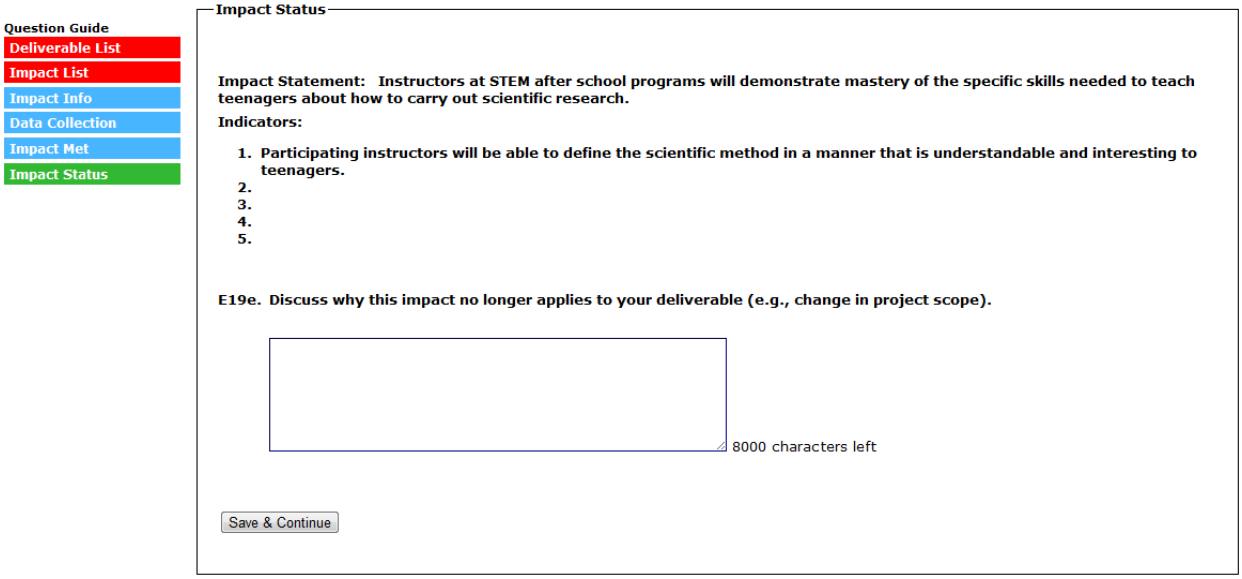
Indicators:

1. **Participating instructors will be able to define the scientific method in a manner that is understandable and interesting to teenagers.**
2.
3.
4.
5.

E19d. Discuss why progress toward this impact was not measured.

8000 characters left

Save & Continue



(SELECTING "SAVE & CONTINUE" RETURNS YOU TO THE IMPACT LIST)

Question Guide
- Deliverable List
- Deliverable Type
- Project Info
- Impact Organization
- Impact List
- Full Grant(FG)
- Geo Reach(FG)
- Target Group(FG)

Impact List

E17. Please provide the following information about the impacts of this deliverable on your professional audience.

- If no impacts will be measured for this deliverable, select the box below the table.

Use the table below to generate a list of impact statements that depict **EACH** of the professional audience outcomes that are expected to occur as a result of **THIS** deliverable.

Each impact statement should be a single *sentence* that describes *how* a target audience will change as a result of exposure to this deliverable. A well-written impact statement will include the following information:

- The **professional audience** that will change as result of exposure to this deliverable *(e.g., instructors at STEM after school programs)*;
- The **type of change** that will be observed *(e.g., an increase in knowledge or awareness)*; and
- The **subject or content area** that is the focus of the impact.

A deliverable can have *multiple* impacts—e.g., one for increased knowledge **AND** another for enhanced interest. You should **NOT** combine two impacts into a single statement.

Click here to show examples of impact statements for professional audiences.

Once you have created this list, you will answer a set of questions for each impact statement about corresponding indicators, study designs, data collection methods, and the extent to which your project achieved the impact. *You should consult with your evaluator when generating a list of impact statements and answering the corresponding questions.*

STEP 1: Generate a list of impact statements for this deliverable.

- To add an impact, enter the impact statement in the text box in the *Impact Statement* column. Then, click the *Add* button in the right-hand column of the table.

STEP 2: Provide information about each impact.

- After you add an impact, the impact statement becomes a link to a set of questions about the impact and the extent to which your project achieved the impact.
- Click on the impact statement in the *Impact Statement* column to access and complete the questions for that impact.
- Click here to obtain background information about impacts, indicators, impact categories, study designs, and data collection methods.

Impact Statement (see examples above)	Information Status	
Instructors at STEM after school programs will demonstrate mastery of the specific skills needed to teach teenagers about how to carry out scientific research.	Complete	Edit Delete
		Add

☐ There are no impacts for this deliverable.

Save & Continue

Question Guide
- Deliverable List
- Deliverable Type
- Project Info
- Impact Organization
- Impact List
- Full Grant(FG)
- Geo Reach(FG)
- Target Group(FG)

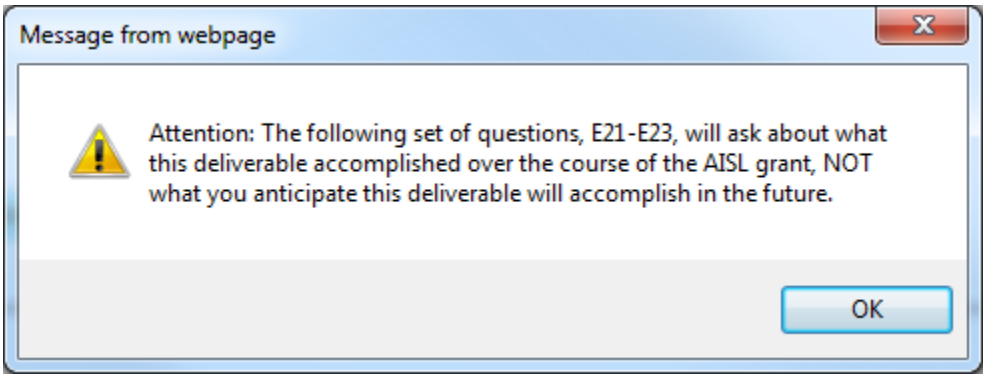
Full Grant (FG)

E20. Did this deliverable reach any professional audiences over the course of your AISL grant?

- ○ Yes
- ○ No

Save & Continue

(SELECTING "NO" TO E20 SKIPS THE REMAINING QUESTIONS, SUBMITS THE DELIVERABLE, AND RETURNS YOU TO THE DELIVERABLE LIST. SELECTING "YES" TO E20 BRINGS UP THE FOLLOWING POP UP.)



Question Guide

- Deliverable List
- Deliverable Type
- Project Info
- Impact Organization
- Impact List
- Full Grant(FG)
- Geo Reach(FG)
- Target Group(FG)

Geo Reach (FG)

E21. Which of the following best describes the actual geographic reach of the professional audiences that accessed or used this deliverable over the course of your AISL grant? *(Check one.)*

- **Single community or metropolitan region**
  Select even if the community or metropolitan region spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia).
- **Multiple communities within a single state or U.S. territory**
  Select if the deliverable reached professional audiences in two or more communities or metropolitan regions within a single state (e.g., a radio program that will be broadcast in Los Angeles and San Francisco).
- **Multiple states and or U.S. territories**
  Do not select if the deliverable only reached a professional audience in a single metropolitan area that spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia).

  Specify in how many states and/or territories this deliverable reached professional audiences over the course of your AISL grant: [ ]

E22. Did this deliverable TARGET international professional audiences outside of the United States and U.S. territories over the course of the AISL grant?

DO NOT select "Yes" if international audiences were passive observers/consumers of the deliverable.

- For example, a website is not targeting international audiences merely because it is accessible to an international audience via the internet. A website only TARGETS international audiences if it is specifically *designed for* or is *marketed to* a specific international audience.

Click here to show examples of how a deliverable is targeted to international professional audiences.

- No
- Yes

If Yes, please describe the EXACT steps that were taken to TARGET international professional audiences with this deliverable over the course of the AISL grant:

2000 characters left

Save & Continue

Question Guide

- Deliverable List
- Deliverable Type
- Project Info
- Impact Organization
- Impact List
- Full Grant(FG)
- Geo Reach(FG)
- Target Group(FG)

Target Group (FG)

E23. In the table below, please select each professional audience that this deliverable reached over the course of your AISL grant. *(Check all that apply.)*

For each professional audience that you select, please provide the number of professionals that you reached with this deliverable over the course of your AISL grant.

If possible, provide an **unduplicated count** of individuals who were reached oer the course of your AISL grant. *If you are only providing an unduplicated count, please leave the duplicated count field blank.*

Click here for the AISL definition of unduplicated counts.

In cases where it is not possible to provide an unduplicated count, provide a **duplicated count** of individuals who were reached over the course of your AISL grant. *If you are only providing a duplicated count, please leave the unduplicated count field blank.*

Click here for the AISL definition of duplicated counts.

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

Professional Audiences		Number of participants over the course of the AISL grant		
		Unduplicated Count	Duplicated Count	Unable to determine at this time
☐	Pre-K - 12 teachers			☐
☐	Post-secondary instructors			☐
☐	Informal educators			☐
☐	Staff at after-school and youth programs			☐
☐	Staff at community programs			☐
☐	Exhibit designers			☐
☐	Media producers and/or disseminators			☐
☐	Science writers/journalists			☐
☐	Scientists, engineers, and/or mathematicians			☐
☐	Board members			☐
☐	Directors, presidents, and/or CEOs			☐
☐	Funders			☐
☐	Policymakers			☐
☐	Researchers/evaluators			☐
☐	Other *(specify)*			☐

Save & Continue

(SELECTING "SAVE & CONTINUE" SUBMITS THE DELIVERABLE AND RETURNS YOU TO THE DELIVERABLE LIST PAGE)

Question Guide

Deliverable List

Deliverable List

Use the tables below to review and update information about previously entered professional audience deliverables and, if necessary, add information for new professional audience deliverables.

- The information collected for each deliverable is very important, and you should carefully consider your response to each item. The information you provide will maximize the AISL program's capacity to report on specific trends and accomplishments at the program, project, and deliverable levels.

STEP 1: In the first table below, review and update previously entered deliverables.

- To review and update information on a deliverable, click on the deliverable name in the column titled *Previously Entered Deliverable Name*.
- Clicking on the deliverable name will bring you to a set of questions about deliverable accomplishments over the course of the AISL grant award period.

STEP 2: In the second table below, add new professional audience deliverables.

- To add a deliverable, enter the deliverable name in the text box in the *New Deliverable Name* column. Then, click the *Add* button in the right-hand column of the table.
- Your project will likely have multiple deliverables (e.g., a museum exhibit and a website). You should enter the name of each deliverable that was not entered in a previous report. Click here to review the OPMS list of professional audience deliverable types. If your deliverable type is not included on this list, you can enter it in an "Other" category when you provide information about the deliverable type.
- After you add a deliverable, click on the deliverable name in the *New Deliverable Name* column.
- Clicking on the deliverable name will bring you to a set of questions about this deliverable and what it accomplished over the course of the AISL grant award period.

Previously Entered Deliverable Name	Information Status
test - training workshop	Complete

New Deliverable Name	Information Status	
Test professional audience deliverable: research paper	Complete	Edit Delete
		Add

If you have completed adding and updating the professional audience deliverables, please click the *Submit* button.

Submit

(SELECT "SUBMIT" TO SUBMIT SECTION E AND RETURN TO THE SECTION MENU)

Section F: Formative and Summative Evaluation Questions

AISL Online Project Monitoring System

This final update has been authorized by the National Science Foundation. While you are not required to respond, your cooperation is needed to ensure that the results of this monitoring system comprehensive, accurate, and timely.

INSTRUCTIONS FOR COMPLETING THE AISL FINAL UPDATE

Project ID: 100
Award Type:

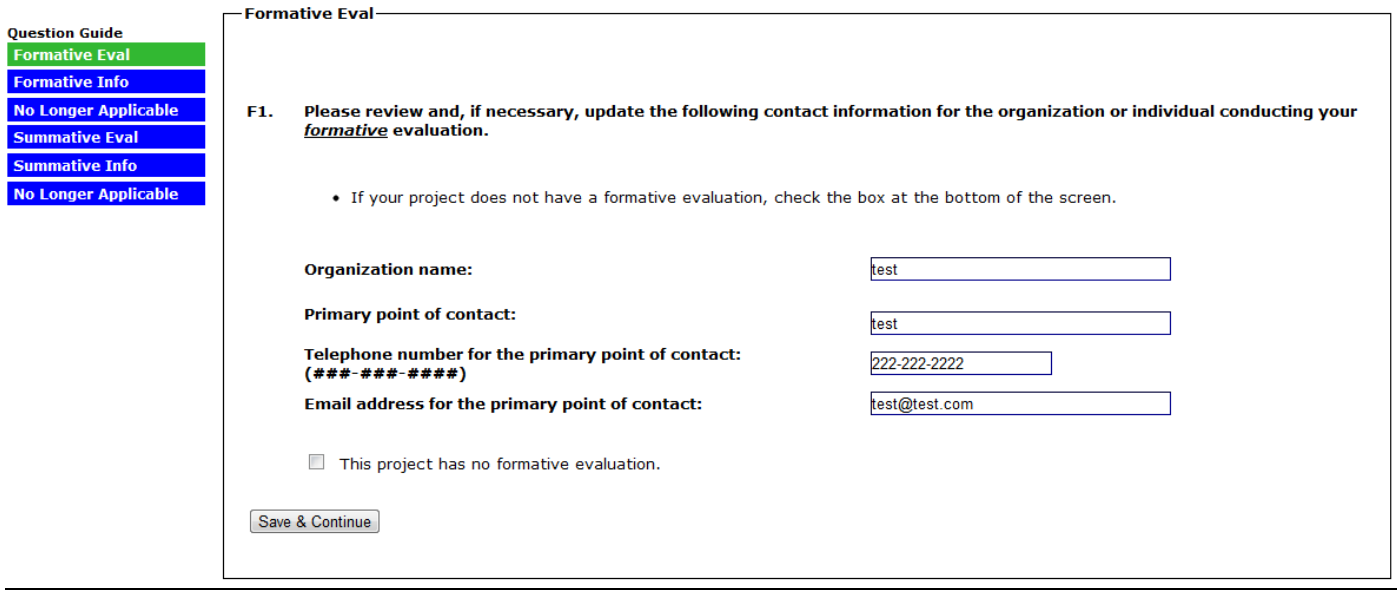
The National Science Foundation (NSF) is collecting information annually from all of its Advancing Informal STEM Learning (AISL) projects. The purpose is to obtain data that can be used to evaluate the collective impact of the AISL portfolio of funded projects, to monitor participants' activities and accomplishments, and to obtain information that can inform the design of future AISL efforts.

You should call your Westat contact person or email AISLhelp@westat.com if you have any questions about how to respond to a particular item.

Links are available at the top and bottom of the screen to assist you. For guidance on how to navigate the system, click on the *Survey Navigation* link. For information on the items contained in the survey and how to address them, click on the *Help Materials* link.

Please complete each of the following sections of the Final Update as they pertain to your AISL project. More than one person can log into the survey and enter information. You may complete the sections in any order. When you have started a section, the status will change to *Incomplete*. When you have completed a section, the status will change to *Complete*. Once all sections are complete, a *Submit Report* button will appear at the bottom of the page. Select the *Submit Report* button to complete and submit your survey.

	Status
Section A: Project and the Lead Organization	Complete
Section B: Key Members of the Project Team	Complete
Section C: Organizational Partners	Complete
Section D: Products, Programs, or Experiences for Public Audiences	Complete
Section E: Products, Programs, or Experiences for Professional Audiences	Complete
Section F: Formative and Summative Evaluation Questions	Not Started
Section G: Project Accomplishments and Lessons Learned	Not Started
Section H: Future Directions	Not Started
Section I: Research Questions	Not Started
Final Submission Status: **Not complete**	



(SELECTING "THIS PROJECT HAS NO FORMATIVE EVALUATION" WILL SKIP TO F3)

(SELECT EACH EVALUATION QUESTION IN THE "FORMATIVE EVALUATION QUESTION" COLUMN TO ANSWER F2A. FOR EACH EVALUATION QUESTION MARKED IN THE "CHECK IF QUESTION IS NO LONGER APPLICABLE" COLUMN, ANSWER F2B)

Question Guide

- Formative Eval
- Formative Info
- No Longer Applicable
- Summative Eval
- Summative Info
- No Longer Applicable

Formative Info

F2. Please review, update, and report on formative evaluation questions.

Use the following steps to update previously entered evaluation questions, add new evaluation questions, and report on progress toward answering evaluation questions.

STEP 1: Update previously entered evaluation designs.

- Review each previously entered evaluation question. If the evaluation design has changed, you can check any new evaluation designs and uncheck any evaluation designs that will no longer be used to examine this evaluation question. Click "edit" to confirm the changes.
- If an evaluation question no longer applies, check the appropriate box in the column titled *Check if question is no longer applicable,* then click "edit."

STEP 2: Add new evaluation questions.

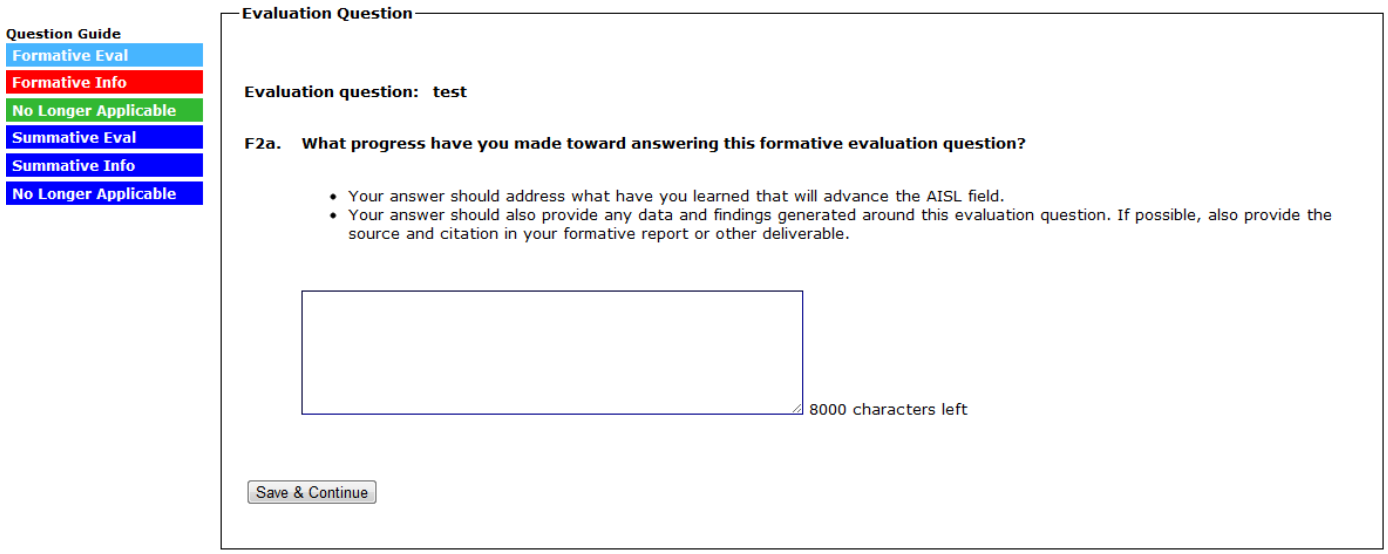
- To add a new evaluation question, type the question in the text box in the *Formative Evaluation Question* column.
- Check all evaluation designs that will be used to answer the evaluation question. If your evaluation design uses mixed methods, please check all designs that apply.
- If you will use an evaluation design that is not listed in the table, specify the evaluation design type in the text box in the *Other* column.
- Click the *Add* button in the right-hand column to add the completed evaluation question and designs to the table.

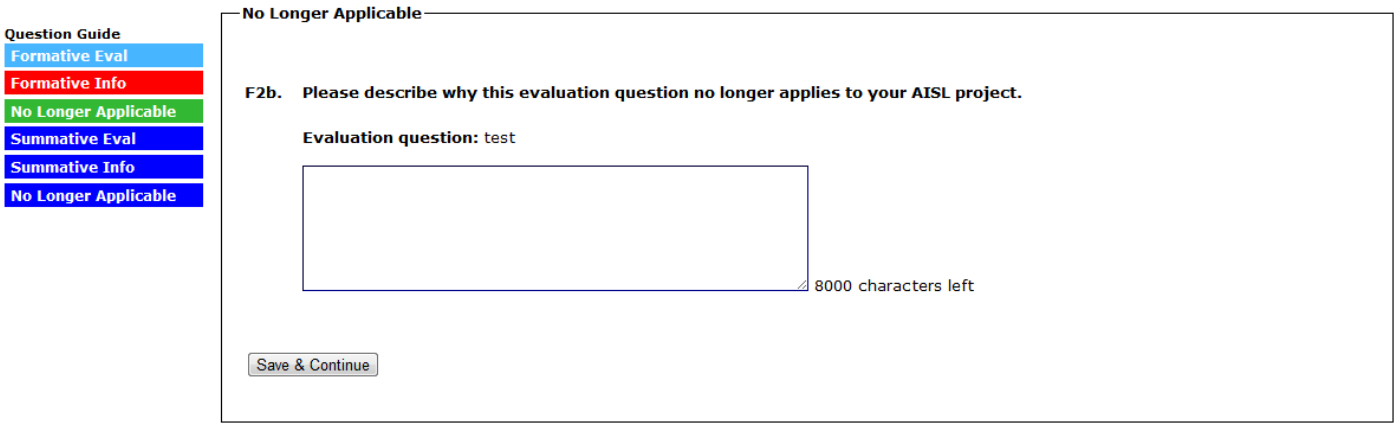
STEP 3: Report on progress toward answering evaluation questions.

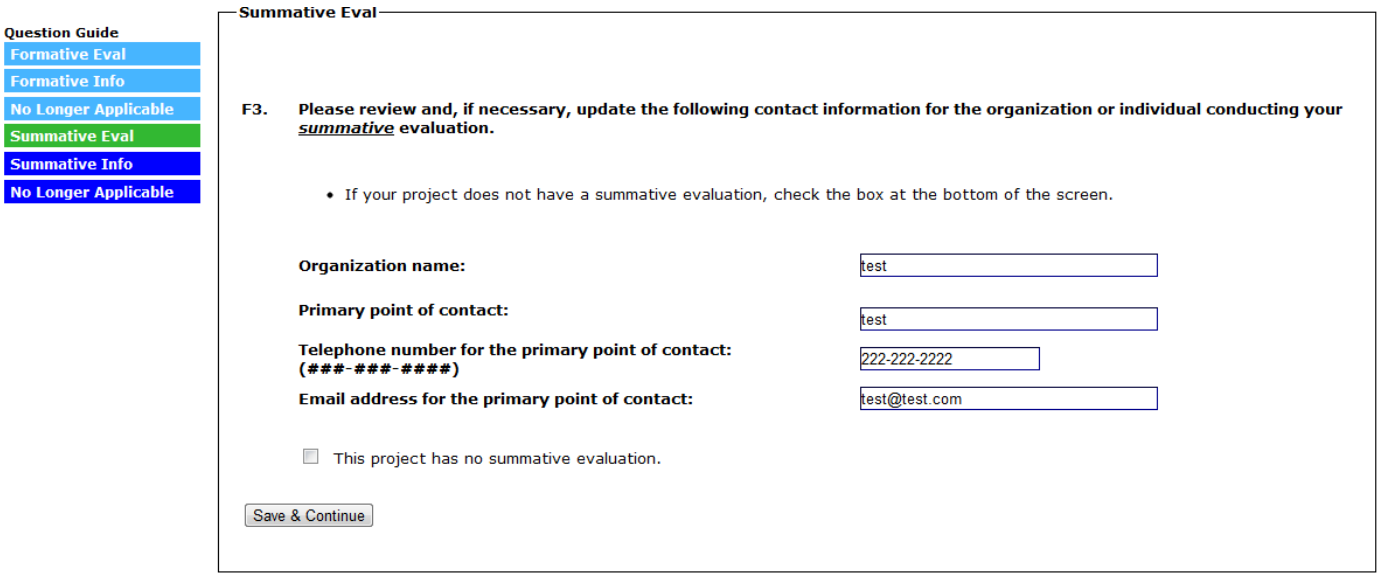
- Each evaluation question in the table is a link. Click on each evaluation question link to describe the progress your project has made toward answering the evaluation question.

Formative Evaluation Question	Evaluation Design *(check all that apply)*					Check if question is no longer applicable	Status	
	Qualitative, no comparison group	Quantitative, no comparison group	Quasi-experi-mental	Experi-mental	Other *(specify)*			
test	☑	☐	☐	☐		☐	Not Started	Edit
test 2	X						Not Started	Delete
	☐	☐	☐	☐				Add

Save & Continue







(SELECTING "THIS PROJECT HAS NO SUMMATIVE EVALUATION" WILL SKIP TO A SUBMIT PAGE FOR SECTION F)

(SELECT EACH EVALUATION QUESTION IN THE "SUMMATIVE EVALUATION QUESTION" COLUMN TO ANSWER F4A. FOR EACH EVALUATION QUESTION MARKED IN THE "CHECK IF QUESTION IS NO LONGER APPLICABLE" COLUMN, ANSWER F4B)

Question Guide

- Formative Eval
- Formative Info
- No Longer Applicable
- Summative Eval
- Summative Info
- No Longer Applicable

Summative Info

F4. Please review, update, and report on summative evaluation questions.

Use the following steps to update previously entered evaluation questions, add new evaluation questions, and report on progress toward answering evaluation questions.

STEP 1: Update previously entered evaluation designs.

- Review each previously entered evaluation question. If the evaluation design has changed, you can check any new evaluation designs and uncheck any evaluation designs that will no longer be used to examine this evaluation question. Click "edit" to confirm the changes.
- If an evaluation question no longer applies, check the appropriate box in the column titled *Check if question is no longer applicable*, then click "edit."

STEP 2: Add new evaluation questions.

- To add a new evaluation question, type the question in the text box in the *Summative Evaluation Question* column.
- Check all evaluation designs that will be used to answer the evaluation question. If your evaluation design uses mixed methods, please check all designs that apply.
- If you will use an evaluation design that is not listed in the table, specify the evaluation design type in the text box in the *Other* column.
- Click the *Add* button in the right-hand column to add the completed evaluation question and designs to the table.

STEP 3: Report on progress toward answering evaluation questions.

- Each evaluation question in the table is a link. Click on each evaluation question link to describe the progress your project has made toward answering the evaluation question.

Summative Evaluation Question	Evaluation Design *(check all that apply)*					Check if question is no longer applicable	Status	
	Qualitative, no comparison group	Quantitative, no comparison group	Quasi-experi-mental	Experi-mental	Other *(specify)*			
test	☑	☐	☐	☐		☐	Not Started	Edit
test 2	X						Not Started	Delete
	☐	☐	☐	☐				Add

Save & Continue

Question Guide
Formative Eval
Formative Info
No Longer Applicable
Summative Eval
Summative Info
No Longer Applicable

Evaluation Question

Evaluation question: test 2

F4a. What progress have you made toward answering this summative evaluation question?

- Your answer should address what have you learned that will advance the AISL field.
- Your answer should also provide any data and findings generated around this evaluation question. If possible, also provide the source and citation in your Summative report or other deliverable.

8000 characters left

Save & Continue

Question Guide
Formative Eval
Formative Info
No Longer Applicable
Summative Eval
Summative Info
No Longer Applicable

No Longer Applicable

F4b. Please describe why this evaluation question no longer applies to your AISL project.

Evaluation question: test

8000 characters left

Save & Continue

Question Guide
Formative Eval
Formative Info
No Longer Applicable
Summative Eval
Summative Info
No Longer Applicable

Submit

If you wish at this time to review and change any of your responses, please click on any section of the Question Guide to the left. If you revise any of your answers, be sure to click the *Save & Continue* button below the question in order to save your changes. If you are ready to submit now, click the *Submit* button to submit this section.

Submit

(SELECT "SUBMIT" TO SUBMIT SECTION F AND RETURN TO THE SECTION MENU)

Section G: Project Accomplishments and Lessons Learned

AISL Online Project Monitoring System

This final update has been authorized by the National Science Foundation. While you are not required to respond, your cooperation is needed to ensure that the results of this monitoring system comprehensive, accurate, and timely.

INSTRUCTIONS FOR COMPLETING THE AISL FINAL UPDATE

Project ID: 100
Award Type:

The National Science Foundation (NSF) is collecting information annually from all of its Advancing Informal STEM Learning (AISL) projects. The purpose is to obtain data that can be used to evaluate the collective impact of the AISL portfolio of funded projects, to monitor participants' activities and accomplishments, and to obtain information that can inform the design of future AISL efforts.

You should call your Westat contact person or email AISLhelp@westat.com if you have any questions about how to respond to a particular item.

Links are available at the top and bottom of the screen to assist you. For guidance on how to navigate the system, click on the *Survey Navigation* link. For information on the items contained in the survey and how to address them, click on the *Help Materials* link.

Please complete each of the following sections of the Final Update as they pertain to your AISL project. More than one person can log into the survey and enter information. You may complete the sections in any order. When you have started a section, the status will change to *Incomplete*. When you have completed a section, the status will change to *Complete*. Once all sections are complete, a *Submit Report* button will appear at the bottom of the page. Select the *Submit Report* button to complete and submit your survey.

	Status
Section A: Project and the Lead Organization	Complete
Section B: Key Members of the Project Team	Complete
Section C: Organizational Partners	Complete
Section D: Products, Programs, or Experiences for Public Audiences	Complete
Section E: Products, Programs, or Experiences for Professional Audiences	Complete
Section F: Formative and Summative Evaluation Questions	Complete
Section G: Project Accomplishments and Lessons Learned	Not Started
Section H: Future Directions	Not Started
Section I: Research Questions	Not Started
Final Submission Status: **Not complete**	

Question Guide

Question G1-G9

Question G10

Question G11

Question G1-G9

G1. What do you consider to be your project's most significant accomplishment? What is noteworthy about this accomplishment?

- Your answer should provide any data and findings generated around this accomplishment. If possible, also provide the source and citation in your summative report or other deliverable.

8000 characters left

G2. How did this project advance knowledge about the field of science, a specific field within science, and/or informal science education?

- Provide examples that can be easily understood by the general public.

8000 characters left

G3. Describe any unanticipated benefits or impacts that occurred as a result of your AISL project.

8000 characters left

G4. Describe all significant innovations of your project (e.g., deliverables or approaches to project management) that would be of value to others.

8000 characters left

G5. Describe any lessons that you learned as a result of this project that may be of use to other AISL Principal Investigators. If possible, address each of the following categories:

- Designing and managing project deliverables and activities
- Collaborating with partners
- Identifying and measuring project impacts
- Recruiting/retaining participants
- Sustainability
- Other aspects of your project

8000 characters left

(CONTINUED ON NEXT PAGE)

G6. Describe steps taken over the course of your AISL grant to use findings uncovered through your project's formative evaluation.

- For example, provide examples of how the scope, focus, design, or implementation of the project was revised to reflect findings from your formative evaluation.
- Enter "N/A" if your project did not have a formative evaluation.

8000 characters left

G7. Provide a summary of approaches taken to disseminate information about your project to others in the AISL field over the course of your AISL grant.

8000 characters left

G8. List any honors, awards, or other recognitions received by the project over the course of your AISL grant.

8000 characters left

G9. Describe any print and/or media coverage generated about your AISL project.

8000 characters left

Save & Continue

Question Guide

Question G1-G9

Question G10

Question G11

Question G10

G10. In the table below, attach any products, publications, logic models, or data collection instruments that you would like to share with other AISL projects.

- To attach a file, enter a title in the *File Title* field and select a file type from the *File Type* drop down menu. If you select "Other" for your file type, specify the file type in the *Other (specify)* field. Use the *Browse* button to locate and select the file on your computer. Then, click the *Upload* button. Repeat for each file you would like to upload.
- Anything you upload may be viewed by NSF, other AISL projects, and other interested parties. Only upload materials are ready to be shared.
- Only upload final products. Do not attach products that are still in draft form.
- The maximum file size is 10MB per product.
- Whenever possible, convert files to PDF documents. For help with this process, please contact your Westat contact person or email AISLhelp@westat.com.
- Allowable file types include .pdf, .doc, .docx, .rtf, .xls, .xlsx, .txt, .ppt, .pptx, .vsd, .vsdx, .jpeg, .jpg, and .gif.

☐ Select this box if you do not have any files to attach.

File Title:

File Type: --Select type--

Other *(specify)*:

File: Browse...

Upload

Save & Continue

Question Guide

Question G1-G9

Question G10

Question G11

Question G11

G11. In the table below, enter any websites that contain project materials *(e.g., a project website, a blog, or an online video)* that you would like to share with other AISL projects.

- To add a website, type the website address in the text box in the *Website* column.
- For each website, type a description of the website materials in the *Description of Materials on Website* column.
- When the website address and description have been entered and completed, click the *Add* button in the right-hand column of the table.

☐ Select this box if there are no websites for this project.

Website	Description of Materials on Website	
		Add

Save & Continue

(SELECT "SAVE & CONTINUE" TO SUBMIT SECTION G AND RETURN TO THE SECTION MENU)

Section H: Future Directions

AISL Online Project Monitoring System

This final update has been authorized by the National Science Foundation. While you are not required to respond, your cooperation is needed to ensure that the results of this monitoring system comprehensive, accurate, and timely.

INSTRUCTIONS FOR COMPLETING THE AISL FINAL UPDATE

Project ID: 100
Award Type:

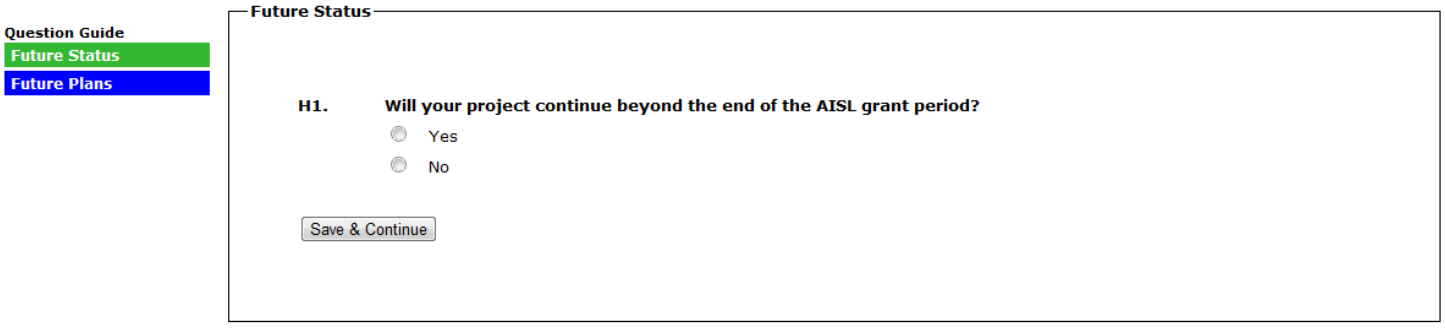
The National Science Foundation (NSF) is collecting information annually from all of its Advancing Informal STEM Learning (AISL) projects. The purpose is to obtain data that can be used to evaluate the collective impact of the AISL portfolio of funded projects, to monitor participants' activities and accomplishments, and to obtain information that can inform the design of future AISL efforts.

You should call your Westat contact person or email AISLhelp@westat.com if you have any questions about how to respond to a particular item.

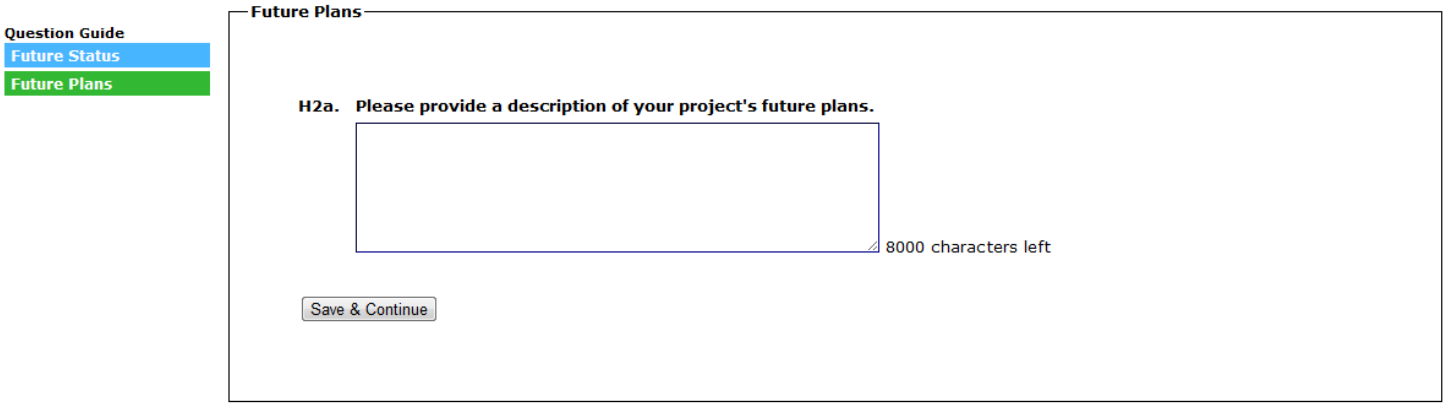
Links are available at the top and bottom of the screen to assist you. For guidance on how to navigate the system, click on the *Survey Navigation* link. For information on the items contained in the survey and how to address them, click on the *Help Materials* link.

Please complete each of the following sections of the Final Update as they pertain to your AISL project. More than one person can log into the survey and enter information. You may complete the sections in any order. When you have started a section, the status will change to *Incomplete*. When you have completed a section, the status will change to *Complete*. Once all sections are complete, a *Submit Report* button will appear at the bottom of the page. Select the *Submit Report* button to complete and submit your survey.

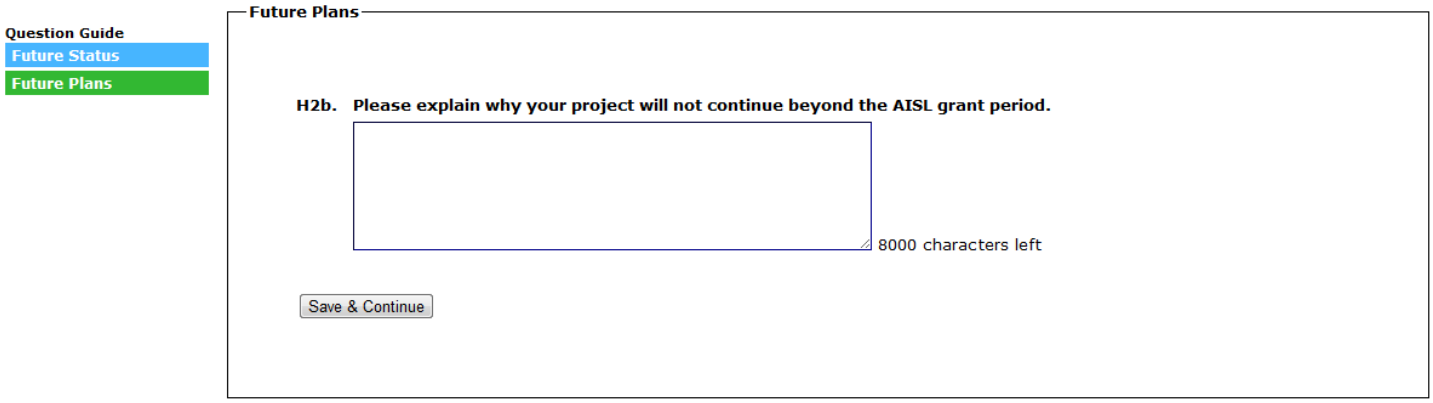
	Status
Section A: Project and the Lead Organization	Complete
Section B: Key Members of the Project Team	Complete
Section C: Organizational Partners	Complete
Section D: Products, Programs, or Experiences for Public Audiences	Complete
Section E: Products, Programs, or Experiences for Professional Audiences	Complete
Section F: Formative and Summative Evaluation Questions	Complete
Section G: Project Accomplishments and Lessons Learned	Complete
Section H: Future Directions	Not Started
Section I: Research Questions	Not Started
Final Submission Status: **Not complete**	



(IF THE RESPONSE TO H1 IS "YES," ANSWER H2A)



(IF THE RESPONSE TO H1 IS "NO," ANSWER H2B)



(SELECT "SAVE & CONTINUE" TO SUBMIT SECTION H AND RETURN TO THE SECTION MENU)

Section I: Research Questions

AISL Online Project Monitoring System

This final update has been authorized by the National Science Foundation. While you are not required to respond, your cooperation is needed to ensure that the results of this monitoring system comprehensive, accurate, and timely.

INSTRUCTIONS FOR COMPLETING THE AISL FINAL UPDATE

Project ID: 50008
Award Type: Test Project

The National Science Foundation (NSF) is collecting information annually from all of its Advancing Informal STEM Learning (AISL) projects. The purpose is to obtain data that can be used to evaluate the collective impact of the AISL portfolio of funded projects, to monitor participants' activities and accomplishments, and to obtain information that can inform the design of future AISL efforts.

You should call your Westat contact person or email AISLhelp@westat.com if you have any questions about how to respond to a particular item.

Links are available at the top and bottom of the screen to assist you. For guidance on how to navigate the system, click on the *Survey Navigation* link. For information on the items contained in the survey and how to address them, click on the *Help Materials* link.

Please complete each of the following sections of the Final Update as they pertain to your AISL project. More than one person can log into the survey and enter information. You may complete the sections in any order. When you have started a section, the status will change to *Incomplete*. When you have completed a section, the status will change to *Complete*. Once all sections are complete, a *Submit Report* button will appear at the bottom of the page. Select the *Submit Report* button to complete and submit your survey.

	Status
Section A: Project and the Lead Organization	Complete
Section B: Key Members of the Project Team	Complete
Section C: Organizational Partners	Complete
Section D: Products, Programs, or Experiences for Public Audiences	Complete
Section E: Products, Programs, or Experiences for Professional Audiences	Complete
Section F: Formative and Summative Evaluation Questions	Complete
Section G: Project Accomplishments and Lessons Learned	Complete
Section H: Future Directions	Complete
Section I: Research Questions	Incomplete
Final Submission Status: **Not complete**	

Question Guide

Research Questions

No Longer Applicable

Research Questions

I1. Please review and, if necessary, update the research questions (if any) entered in a previous report.

Use the following steps to update previously entered research questions and add new research questions in the table below. (If your project does not have research questions, check the box at the bottom of the screen.)

STEP 1: Update previously entered research questions.

- Review each previously entered research question. If the study design has changed, you can check any new study designs and uncheck any study designs that are no longer used to examine the research question. Click *Edit* to save these changes.
- If a research question no longer applies, check the appropriate box in the column titled *Check if question is no longer applicable*. Click *Edit* to save this change.

STEP 2: Add new research questions.

- To add a new research question, type the question in the text box in the *Research Question* column.
- Check all study designs that are used to answer the research question. If your study design uses mixed methods, please check all designs that apply.
- If you are using a study design that is not listed in the table, specify the study design type in the text box in the *Other* column.
- Click the *Add* button in the right-hand column to add the completed research question and designs to the table.

STEP 3: Report on progress toward answering research questions.

- Each research question in the table is a link. Click on each research question link to describe the progress your project has made toward answering the research question.

Research Question	Study Design *(check all that apply)*					Check if question is no longer applicable	Status	
	Qualitative, no comparison group	Quantitative, no comparison group	Quasi-experimental	Experimental	Other *(specify)*			
	☐	☐	☐	☐				Add

☐ This project has no research questions.

Save & Continue

Question Guide

Research Questions

No Longer Applicable

Research question

I2a. Research question: test

What progress have you made toward answering this research question?

- Your answer should address what you have learned that will advance the AISL field.
- Your answer should also provide any data and findings generated around this research question. If possible, also provide the source and citation in your report or other deliverable.

8000 characters left

Save & Continue

Question Guide

Research Questions

No Longer Applicable

No Longer Applicable

I2b. Please describe why this research question no longer applies to your AISL project.

Research question: Test RQ1

8000 characters left

Save & Continue

Question Guide

Research Questions

No Longer Applicable

Research Questions

I1. Please review and, if necessary, update the research questions (if any) entered in a previous report.

Use the following steps to update previously entered research questions and add new research questions in the table below. (If your project does not have research questions, check the box at the bottom of the screen.)

STEP 1: Update previously entered research questions.

- Review each previously entered research question. If the study design has changed, you can check any new study designs and uncheck any study designs that are no longer used to examine the research question. Click *Edit* to save these changes.
- If a research question no longer applies, check the appropriate box in the column titled *Check if question is no longer applicable*. Click *Edit* to save this change.

STEP 2: Add new research questions.

- To add a new research question, type the question in the text box in the *Research Question* column.
- Check all study designs that are used to answer the research question. If your study design uses mixed methods, please check all designs that apply.
- If you are using a study design that is not listed in the table, specify the study design type in the text box in the *Other* column.
- Click the *Add* button in the right-hand column to add the completed research question and designs to the table.

STEP 3: Report on progress toward answering research questions.

- Each research question in the table is a link. Click on each research question link to describe the progress your project has made toward answering the research question.

Research Question	Study Design *(check all that apply)*					Check if question is no longer applicable	Status	
	Qualitative, no comparison group	Quantitative, no comparison group	Quasi-experimental	Experimental	Other *(specify)*			
test	X	X					Complete	Delete
	☐	☐	☐	☐				Add

☐ This project has no research questions.

Save & Continue

Question Guide

Research Questions

No Longer Applicable

Submit

If you wish at this time to review and change any of your responses, please click on Research Questions in the Question Guide to the left. If you revise any of your answers, be sure to click the *Save & Continue* button below the question in order to save your changes. If you are ready to submit now, click the *Submit* button to submit this section.

Submit

AISL Online Project Monitoring System

Section Menu | Print | Glossary | Survey Navigation | Help Materials | Sign out

This final update has been authorized by the National Science Foundation. While you are not required to respond, your cooperation is needed to ensure that the results of this monitoring system comprehensive, accurate, and timely.

INSTRUCTIONS FOR COMPLETING THE AISL FINAL UPDATE

Project ID: 100
Award Type:

The National Science Foundation (NSF) is collecting information annually from all of its Advancing Informal STEM Learning (AISL) projects. The purpose is to obtain data that can be used to evaluate the collective impact of the AISL portfolio of funded projects, to monitor participants' activities and accomplishments, and to obtain information that can inform the design of future AISL efforts.

You should call your Westat contact person or email AISLhelp@westat.com if you have any questions about how to respond to a particular item.

Links are available at the top and bottom of the screen to assist you. For guidance on how to navigate the system, click on the *Survey Navigation* link. For information on the items contained in the survey and how to address them, click on the *Help Materials* link.

Please complete each of the following sections of the Final Update as they pertain to your AISL project. More than one person can log into the survey and enter information. You may complete the sections in any order. When you have started a section, the status will change to *Incomplete*. When you have completed a section, the status will change to *Complete*. Once all sections are complete, a *Submit Report* button will appear at the bottom of the page. Select the *Submit Report* button to complete and submit your survey.

	Status
Section A: Project and the Lead Organization	Complete
Section B: Key Members of the Project Team	Complete
Section C: Organizational Partners	Complete
Section D: Products, Programs, or Experiences for Public Audiences	Complete
Section E: Products, Programs, or Experiences for Professional Audiences	Complete
Section F: Formative and Summative Evaluation Questions	Complete
Section G: Project Accomplishments and Lessons Learned	Complete
Section H: Future Directions	Complete
Section I: Research Questions	Complete

Final Submission Status: **Complete**

Submit Final Report

You have now completed all nine sections of the Final Submission. All information for your project has been recorded. Click on the Submit button above to submit your survey to NSF.

(SELECT "SUBMIT FINAL REPORT" TO SUBMIT THE REPORT)

AISL Online Project Monitoring System

Thank You!

Thank you for submitting your Advancing Informal STEM Learning Final Report.

If you have any questions, please contact your Westat contact person or email AISLhelp@westat.com.

If you would like to print your responses, please click Print.