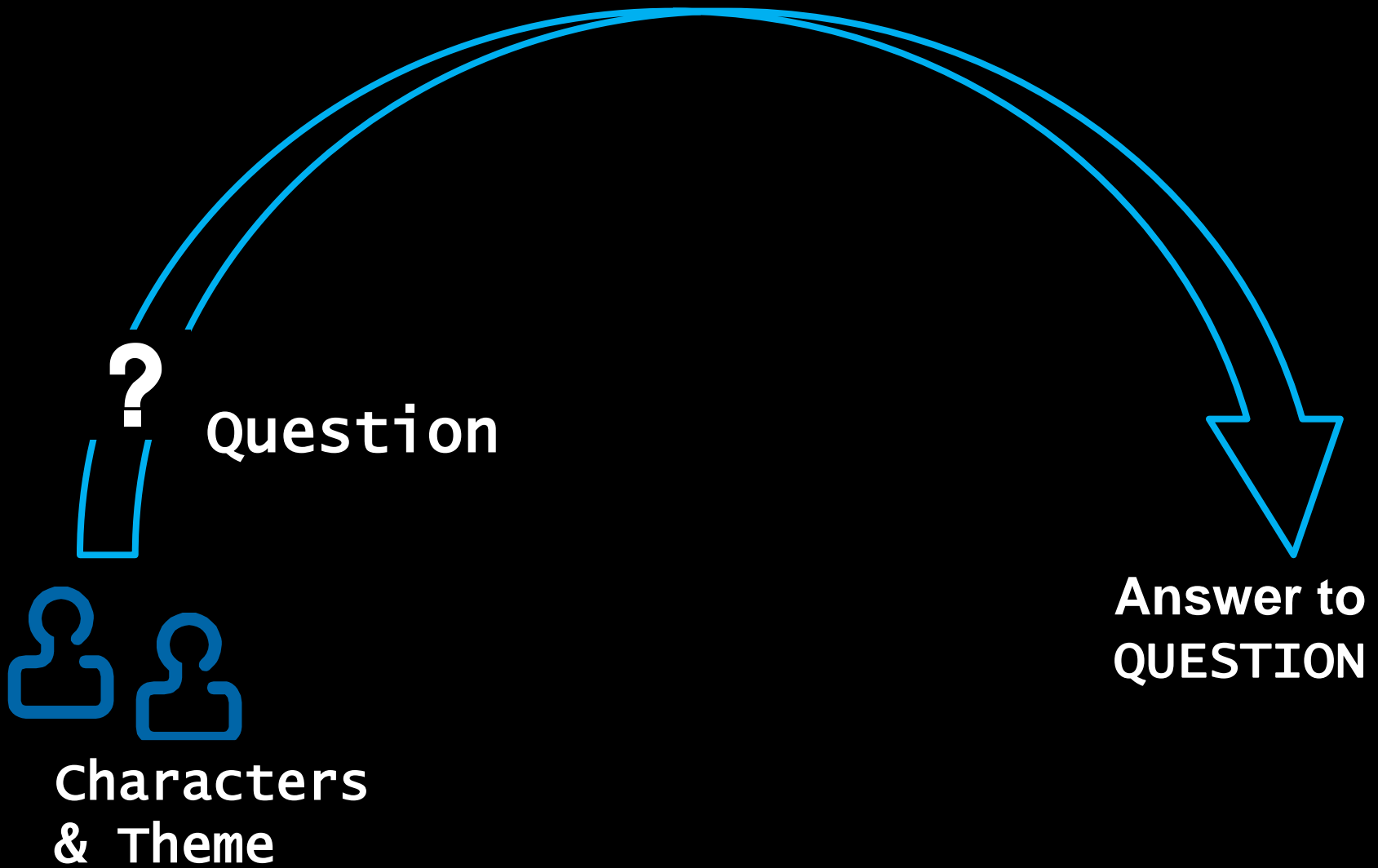


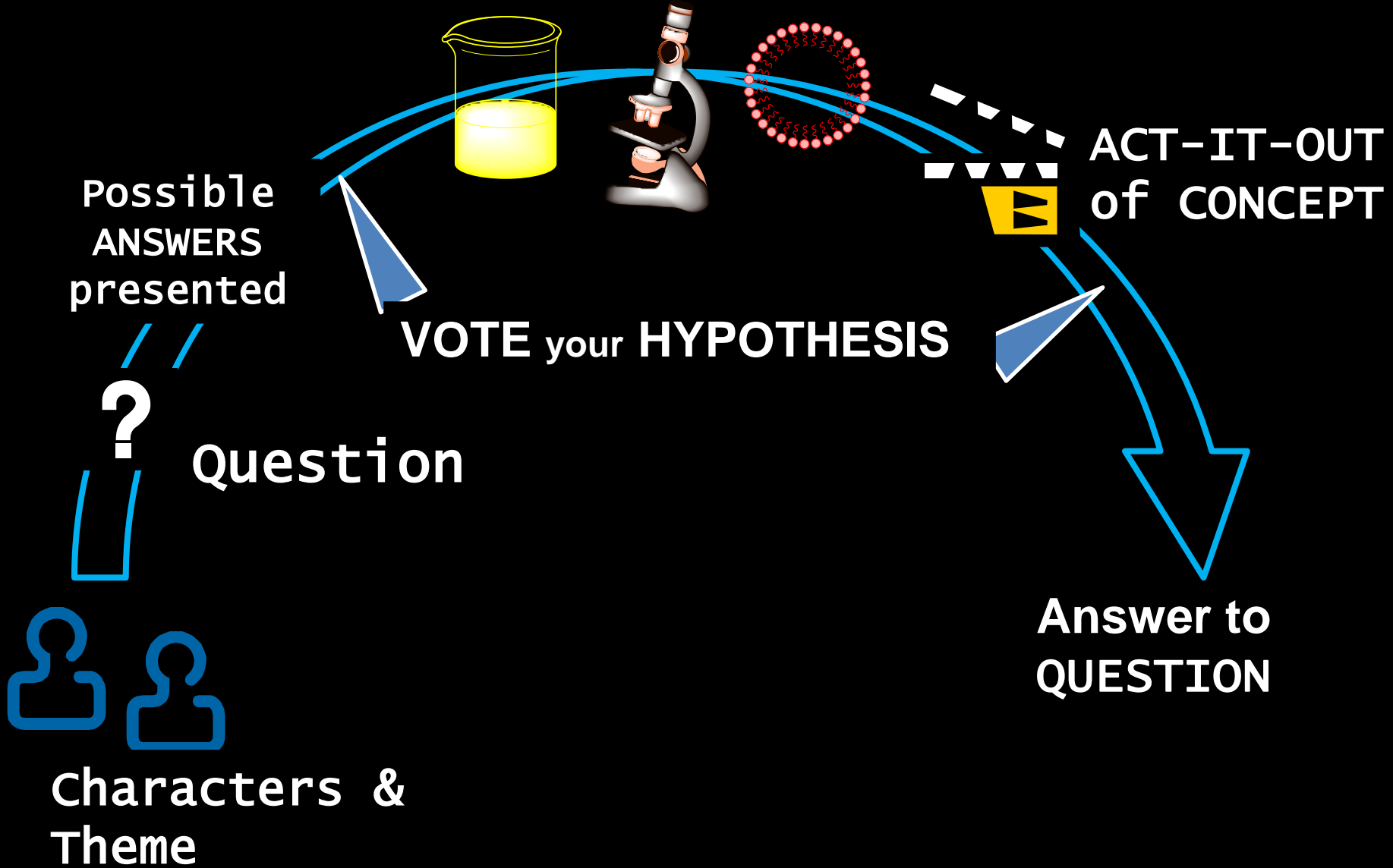


FUSION
THEATER

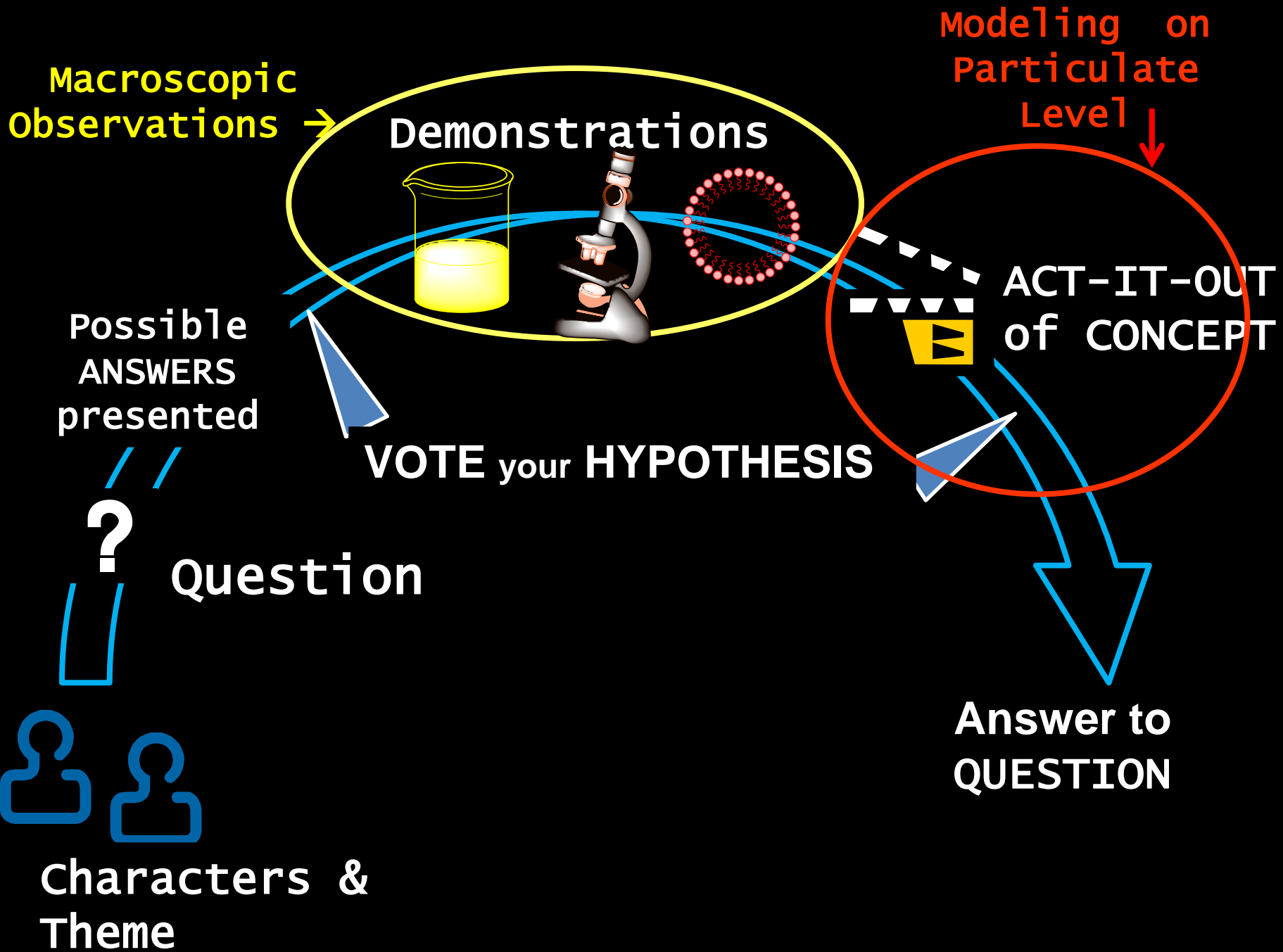




Demonstrations







Science Concept Investigation Shows

☀ **The Boiling Point**

Vaporization of Water

☀ **The Burning Question**

Rates of Reactions of Combustion

☀ **That's The Way the Ball Bounces**

Structure vs. Function of Polymers

☀ **Race To the Glow**

Irreversible Chemical Reactions

☀ **The Circuit Show**

Series vs. Parallel Circuits

Do the Shows Work?

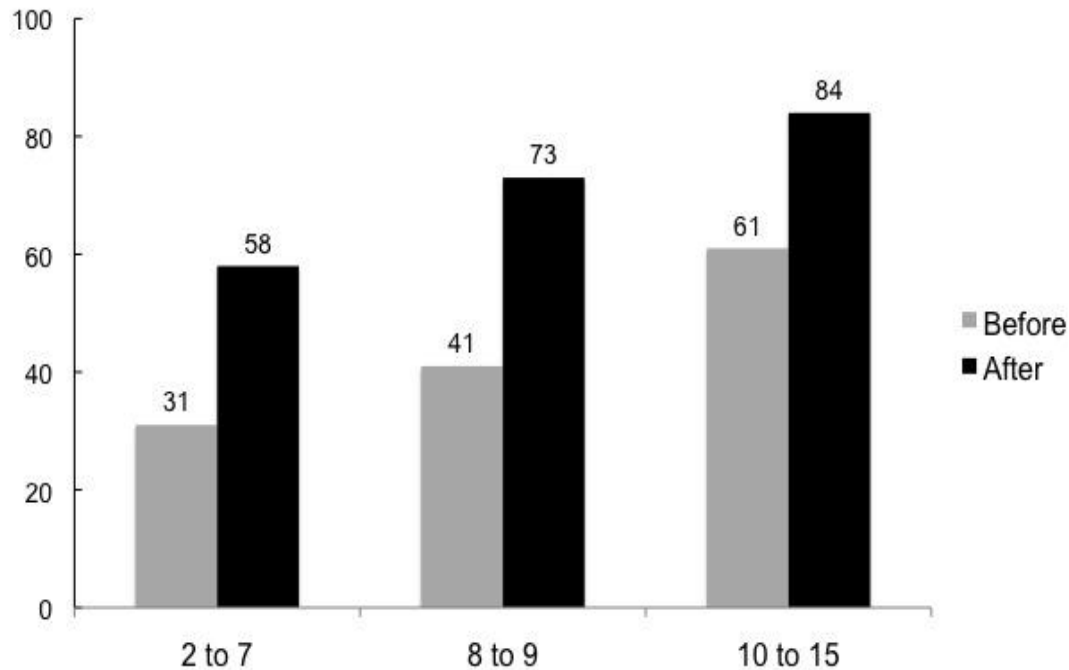
“What happens to the molecules of water when it boils?”

1	2	3	4	Circle one:
DISAPPEAR	SPREAD OUT	BREAK UP	I DON'T KNOW	<input type="checkbox"/> Boy <input type="checkbox"/> Girl
				Age:
				<input type="text"/>

Ballot for “The Boiling Point”

“Boiling Point” Results

BP: Percent Answering Correctly



Significant learning increases at each age level at $p < .01$.

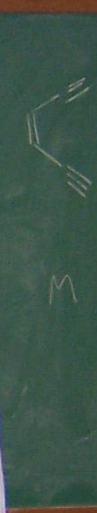
APPEAR ¹ ² SPREAD OUT

BREAK UP DON'T KNOW ⁴

OBSERVATION
QUESTIONS
MODEL
HYPOTHESIS
EXPERIMENT

WHAT HAPPENS TO WATER IT DOES

WISCONSIN CLASS





UNDERGRADUATE PROGRAM

Featuring Special Programming on the Chemistry of Life

SUNDAY, MARCH 25

Undergraduate Hospitality Center
8:00 a.m. – 5:00 p.m.

Making the Most of Your First ACS National Meeting
8:00 – 8:45 a.m.

Careers in Academia Workshop
9:00 – 10:30 a.m.

Technical Symposium: Chemistry in a Cup o' Java
9:00 – 10:30 a.m.

Chem Demo Exchange
10:30 a.m. – 12:00 noon

Graduate School Reality Check, Step I: Getting in
1:00 – 2:00 p.m.

Graduate School Reality Check, Step II: You're in – Now What?
2:00 – 3:00 p.m.

Symposium: International Year of Chemistry Student Chapter Projects and the United National Framework Convention on Climate Change
2:00 – 4:00 p.m.

Networking Social with Graduate School Recruiters
3:00 – 5:00 p.m.

Making Demos Matter Workshop
3:30 – 5:30 p.m.

Student Chapter Awards Ceremony
7:00 – 8:30 p.m.

Undergraduate Social
8:30 – 11:00 p.m.

MONDAY, MARCH 26

Undergraduate Hospitality Center
8:00 a.m. – 5:00 p.m.

Graduate School Recruiting Breakfast
8:00 – 10:00 a.m.

Outreach Workshop: Chemists Celebrate Earth Day Ideas
9:45 – 11:15 a.m.

Technical Symposium: Nuclear Power Generation – Lessons from Fukushima Daiichi and Future Directions
9:45 – 11:15 a.m.

Undergraduate Research Poster Session
12:00 noon – 2:30 p.m.

Eminent Scientist Lecture
3:00 – 4:00 p.m.

Networking Reception with Industrial Chemists
4:00 – 5:30 p.m.

The Kavli Foundation Lecture
5:30 – 6:30 p.m.

Sci-Mix/ Successful Student Chapter Poster Session
8:00 – 10:00 p.m.

TUESDAY, MARCH 27

Chemistry and the Environment Film Series: *Climate Refugees: The Human Face of Climate Change*
12:00 noon – 2:00 p.m.



ACS
Chemistry for Life®

ATTENTION: GRADUATE SCHOOL RECRUITERS!
Network with highly qualified undergraduate students who are interested in learning more about your graduate school programs. Register to participate in the graduate school recruiting events. For more information contact Lori Betsock at l_betsock@acs.org.





RECRUIT

APPLICATION

SELECTION

ACCEPTANCE





RECRUIT

APPLICATION

SELECTION

ACCEPTANCE

STUDENT
LEADER &
ADVISOR

3 Day
PERFORMANCE
TRAINING
WORKSHOP

PHASE I





RECRUIT

APPLICATION

SELECTION

ACCEPTANCE

STUDENT
LEADER &
ADVISOR

3 Day
PERFORMANCE
TRAINING
WORKSHOP

STUDENT
LEADERS

TRAINING & REHEARSAL
supported by
WEB-BASED TRAINING PROGRAM

PHASE II

GROUPS
SCHEDULE &
PERFORM
SHOWS

COACHING
AND
FEEDBACK
VIA SKYPE

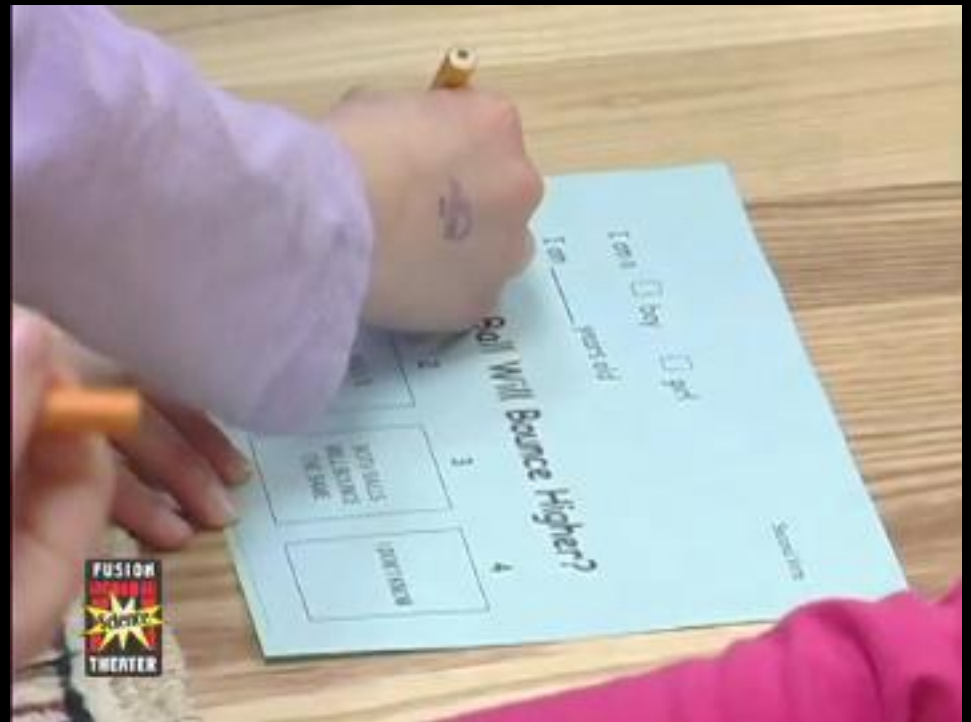
SCI SHOWS
FOR
CHILDREN IN
COMMUNITY

VIDEO OF
REHEARSAL AND
PERFORMANCE

Evaluation of Performance Training Workshop



Transfer of Training





Fusion Science Theater Methods Workshops



