## Montana Models | 1810992

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https://www.montana.edu/mtmodels/

## **Project Description**

Montana Models uses mathematical modeling as a mechanism for bringing everyday mathematical practices already present in rural communities into contact with disciplinary practices.

# **Key Achievements**

- Hosted 50 youth and community members at inperson summer camps focused on mathematical modeling
- Identified 6 problem solving practices present in communities
- Developed and supported a dozen modeling tasks that address community-based issues.

# **Audience & Settings**

Audience: Montana youth

**Disciplinary area**: Mathematics

#### Learning environment: Summer camp

## Access and Inclusion

- Broaden access to indigenous and rural communities by working to understand and value the problem solving practices already present in communities.
- Empower indigenous youth to address community-based issues.



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# **Community-Based Problem Solving Practices**

