Integrating Computing in Science Across the Mitten

Michigan K-12 Standards

Science

November 2015

MICHIGAN
Department of
Education

Create a computational model to calculate…

Use mathematical and/or computational representations to support explanations of factors…

Use mathematical or computational representations to predict the motion…

https://www.michigan.gov/mde/services/academic-standards

NSF

The Mitten State®

ICSAM Workshop

Weeklong Summer Camp for High School Teachers
- Introduce computing
- Develop materials
- Grow community
- Focus on equity

Return to MSU (virtual during COVID)
- Addressing problems of practice
- Community building