

# Vari-able to Relate



GATE students will participate in a variable unit that will expand their inquiry thinking skills. This unit will provide students the opportunity to develop their mathematical skills in fun projects each week.

Data! Data! Data! Students will be collecting data, graphing data and/or finding a pattern with their data, and making predictions based on their data. All of this data happens while students build paper airplanes, spaghetti bridges, origami frogs, Battleships, and more!

## Gate Standards

**GS1** Students will develop critical thinking skills unique to several disciplines in both cognitive and affective areas.



## Content Standards

### Science and Engineering Practices:

- Analyzing and Interpreting Data
- Using Mathematics and Computational Thinking

### Mathematical Practices:

**MP1:** Make sense of problems and persevere in solving them. **MP2:** Reason abstractly and quantitatively. **MP3:** Construct viable arguments and critique the reasoning of others. **MP4:** Model with mathematics. **MP5:** Use appropriate tools strategically. **MP6:** Attend to precision. **MP7:** Look for and make use of structure. **MP8:** Look for and express regularity in repeated reasoning.

