

## Class Structure:

STEM is a project-based class. There will be a mixture of team, partner, and individual projects. After learning about a STEM topic, students will work through the steps of the design process to address a problem or challenge. While engaging in that process students will use 21<sup>st</sup> century skills including: critical thinking, creativity, collaboration, and communication.



## What is STEM?

- STEM stands for science, technology, and engineering.
- Students will engage in the engineering design process to strengthen problem-solving skills.

# 7<sup>th</sup> Grade STEM

## Teacher: Hayley George

## Contact Info:

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- Class Website: [georgemath6.weebly.com](http://georgemath6.weebly.com)

## Standards:



Class projects are based on the NGSS middle school engineering standards. Many projects will also connect to Common Core middle school math & science standards.

## Classroom Expectations:



- ✓ Take responsibility for your **OWN** learning
- ✓ Keep a positive attitude & give your best effort
- ✓ Treat each other with respect and kindness
- ✓ Be safe and responsible with materials

## Grading:

- Projects will be assessed using rubrics that correlate to points.
- Other assignments will be graded based on points.



**Supplies:** Pencils, charged iPad, and a section in binder dedicated to STEM. For project notes/blueprints, students may choose to either use a spiral or loose leaf notes.