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 21st century skills including: critical thinking, creativity, collaboration, and communication.

th Grade STEM

Teacher: Hayley George

What is STEM?

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

Contact Info:

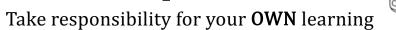
- 503-431-5131
- <u>hgeorge@ttsd.k12.or.us</u>
- **Class Website:**

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:



- Keep a positive attitude & give your best effort
- Treat each other with respect and kindness
- Be safe and responsible with materials
 - Projects will be assessed using rubrics that correlate to points.
 - Other assignments will be graded based on points.

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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.