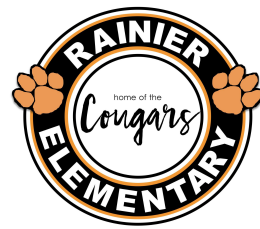


Dear RES Families,

Students attend STEM class once a week. Through hands on experience, students explore the concepts of science, technology, math, and engineering. The purpose is to foster ingenuity and creativity, build perseverance, encourage teamwork, and strengthen problem solving skills.



STEM report card grades are based on student **effort** and **participation**.

EFFORT & PARTICIPATION

- Listen and follow directions
- Stay on task
- Speak and interact with others in a kind manner
- Remain calm when frustrated
- Put forth best effort
- Persevere

2nd QUARTER

Grades: K-1 STEM ACADEMIC CONTENT

- Create designs using line symmetry
- Log into STEM Google Classroom with Rainier email and password
- Customize solid and gradient Fill Color options to color digital art in Google Slides
- Insert and duplicate shapes to add personalized details
- Delete shapes and undo steps as needed

Grades: 2-3 STEM ACADEMIC CONTENT

- Study a model and replicate symmetrical attributes
- Collaborate with a partner to create designs using line symmetry
- Calculate mass in grams with an equal arm balance
- Measure length to nearest $\frac{1}{4}$ inch
- Investigate how changing mass affects movement
- Insert and format text boxes in Google Slides
- Input measurements into digital table

Grades: 4-5 STEM ACADEMIC CONTENT

- Collaborate with a partner and reflect over a vertical line to create symmetrical designs
- Reverse engineer a symmetrical model and create its template
- Calculate mass in grams using equal arm balance
- Measure length to nearest $\frac{1}{4}$ inch
- Reduce fractions to simplest form
- Investigate the relationship between force, mass, and acceleration
- Design and format a digital data table in Google Slides
- Use tools to group, rotate, and add object animations to create a digital diagram



If you have any questions, please feel free to contact me for further explanation:
gurnseyk@rainier.wednet.edu.

Sincerely,

Kate Gurnsey
Rainier Elementary, STEM Teacher