

To: RES Families

Re: 1st Quarter STEM Grades



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

Grades: K-2 STEM ACADEMIC CONTENT

- Describe how to be safe, kind, and responsible online
- Study a model and replicate with pattern cubes
- Utilize a magnifying glass to examine natural specimens and sketch its details
- Use descriptive adjectives to describe how specimens look and feel
- Play a cooperative game and exchange thoughts and ideas with others
- Design a structure to support miniature pumpkins

Grades: 3-5 STEM ACADEMIC CONTENT

- Describe how to be safe, kind, and responsible online
- Study a complex model and replicate with pattern cubes
- Reverse engineer a design and create its template
- Identify gemstones based on observable properties
- Understand types of rocks and how they are formed
- Classify rocks based on color, structure, texture, and luster
- Play a cooperative game and exchange thoughts and ideas with others



STEM

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