

Unit One- Chemical Reactions

Duration: 19 days

This Unit focuses on the development of general science skills and developing an understanding of the scientific method. Topics emphasized include but are not limited to measurement, graphing, scientific models, and experimental design.

Essential Standards:

This unit is directly linked to all of the standards covered in seventh grade. It focuses on creating the foundation necessary to fully cover the standards in future units.

Phenomenon: Do you like coke or peps better?
Students will complete a blind taste test.

Performance Task
Developing scientific models activity/ Students will design their own experiments.

Science and Engineering Practices

- Experimental design
- Calculation of mean, median, and mode.
- Proper measurement technique
- Graph development and analysis

Cross Cutting Concepts

- Scientific models.
- Scientific root word analysis