

Understand composition and properties of the earth and how the Earth's surface has changed over time

- Identify the composition of soil and rocks
- Understand causes of change to the Earth's surface
- Identify the characteristics of dinosaurs
- Compare and contrast meat and plant eating dinosaurs
- Trace fossil remains to see the earth's history
- Describe how animals have become extinct or endangered
- Identify measures to take to save animals

Understand the properties of water

- Describe the different uses of water
- Describe how water is recycled
- Identify the three states of water
- Describe the different types of precipitation
- Identify how different forms of water can change to other forms

Understand the Earth and sky

- Locate Earth's position relative to the sun and other planets
- Compare and contrast the Earth's surface with other planets

Understand the properties of objects and materials and how they use energy

- Identify the characteristics of different forms of energy
- Identify and describe natural resources and their uses
- Identify ways that people can change the environment positively through conserving and recycling natural resources
- Measure different forms of motion
- Describe how forces affect motion and the changes a force can cause on a moving object
- Identify how different machines, ramps, levers, ball bearings, require less force to produce work

Understand how to measure and compare objects to each other with different units of measure

**Integrated with math curriculum*

- Identify similarities and difference through matching, measuring, and interpreting data
- Utilize standard and nonstandard methods of measurement
- Describe similarities and differences between objects
- Predict lengths and size of objects
- Order objects based on units of measurement
- Identify important factors when measuring

Enrichments: Earth Week Activities (as appropriate and timely)
Science based fieldtrips