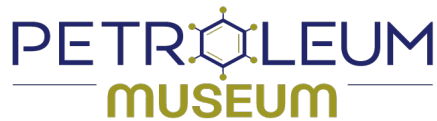




Geology

K - 2

In this trunk you will be able to give your students a hands-on understanding of the rock cycle, make a volcano, and find out which rocks sink and float. You will also discuss how rocks are used in the world today. The TEKS aligned lessons and activities are designed to help you dig deeper into geology while having fun with the experiments. The trunk includes the lesson plans and all of the materials you will need for each experiment. We are so excited for you and your students to dig deep into geology!



K – 2 GEOLOGY TRUNK MASTER TEKS ALIGNMENT:

Science, Kindergarten

- (1) Matter and Energy
(K.5.A) Observe and record properties of objects, including relative size and mass, such as bigger or smaller and heavier or lighter, shape, color, and texture.
- (3) Earth and Space
(K.7.A) Observe, describe, compare, and sort rocks by size, shape, color, and texture.
(K.7.C) Give examples of ways rocks, soil, and water are useful.

Process Standards

- (K.2.A) Ask questions about organisms, objects, and events observed in the natural world.
- (K.2.C) Collect data and make observations using simple equipment such as hand lenses, primary balances, and nonstandard measurement tools.
- (K.2.D) Record and organize data and observations using pictures, numbers, and words.
- (K.2.E) Communicate observations with others about simple descriptive investigations.
- (K.3.B) Make predictions based on observable patterns in nature such as the shapes of leaves.
- (K.3.C) Explore that scientists investigate different things in the natural world and use tools to help in their investigations

Science, 1st Grade

- (3) Earth and Space
(1.7.C) Gather evidence of how rocks, soil, and water help to make useful products.

Process Standards

- (1.2.A) Ask questions about organisms, objects, and events observed in the natural world.
- (1.2.B) Plan and conduct simple descriptive investigations such as ways objects move.
- (1.2.D) Record and organize data using pictures, numbers, and words.
- (1.2.E) Communicate observations and provide reasons for explanations using student-generated data from simple descriptive investigations.

Science, 2nd Grade

- (1) Matter and Energy
(2.5.A) Classify matter by physical properties, including shape, relative mass, relative temperature, texture, flexibility, and whether material is a solid or liquid.
(2.5.B) Compare changes in materials caused by heating and cooling
- (3) Earth and Space
(2.7.A) Observe and describe rocks by size, texture, and color.

Process Standards

- (2.2.A) Ask questions about organisms, objects, and events during observations and investigations.
- (2.2.C) Collect data from observations using simple equipment such as hand lenses, primary balances, thermometers, and non-standard measurement tools.
- (2.2.D) Record and organize data using pictures, numbers, and words.
- (2.2.E) Communicate observations and justify explanations