



Geology Rocks

Provided by:

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Information	Program Description
Kindergarten—5th Grade	“Geology Rocks” is a curriculum that introduces students to information and activities about earth science through activities focused on geology.
Curriculum Format	Each lesson can be presented in 45-60 minutes. Teaching Guide with complete instructions is provided. Teaching Kit with materials needed to present lessons is provided. User may need to provide standard classroom supplies (pencils, scissors, glue). If a lesson requires perishable items (e.g. milk), user is responsible for these purchases.

Lesson	Overview
One: Earth’s Treasure Chest	Students will understand the definition of “geology” and “geologist,” as well as learn more about/participate in the task of “gold” mining during the activity “Chip Mining.”
Two: The First Rock Group	Students will learn about the similarities and differences between Igneous, Sedimentary, and Metamorphic rocks.
Three: Rockology 1	Students will be able to identify the substances/minerals that make up most rocks, as well as decide whether a rock cleaves or fractures when broken during the activity “Break It Up.”
Four: Rockology 2	Students will create a mini clay model of the earth, as well as experiment with the concept of fault lines through the activity “Push Those Plates.”
Five: Quakin’, Shakin’, and Shapin’	During the “Volcanoes” activity, students will create models of three different types of volcanoes.
Six: Building for the Big One	Students will learn how soil type affects a buildings’ ability to withstand an earthquake.

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