

DSU Lesson Plan Template
Science Lesson 2
5th Grade

COMMON CORE/STATE/DISCIPLINE STANDARDS

The North Dakota State Content Standards are linked [here](#). National level standards specific to the various disciplines are linked [here](#).

Standards addressed in this lesson:

5.1.1 Use an appropriate model (e.g., drawing, equation, computer program, diagram, or 3-D device) to convey scientific information

LEARNING OBJECTIVES

Objective(s):

Students will learn about volcanoes, including the different kinds of volcanoes, how volcanoes form, and the parts of a volcano. Students will then produce a diagram of the parts of a volcano.

ASSESSMENT

Assessment:

We will have the students produce a diagram of the different parts of a volcano.

LESSON ACTIVITIES—TEACHING METHODS AND STRATEGIES

Lesson Activities:

Anticipatory set: (15 min)

- Gather students to watch a mock volcano eruption
- Go over what makes the materials used in the mock volcano eruption react in a way where the volcano does explode

Instructional Input: (35 min)

- Assess prior knowledge on the topic by having students pair up and make a list of things they know about volcanoes
- Have a few pairs share their knowledge with the class
- Discuss how volcanoes form
- Discuss the 3 types of volcanoes (composite, cinder cone, shield)
- Cover the parts of a volcano
- Discuss what leads to a volcano erupting
- Watch a video on volcanoes that covers what leads a volcano to explode
- After watching the video, have students return to their desks to produce a diagram of the parts of a volcano
- Have parts of the volcano needed to complete diagram posted on the board

Closure: (5 min)

- Share some volcano fun facts while students finish their diagrams
- Revisit key terms and ideas from the lesson such as the kinds of volcanoes, parts of a volcano, and what leads a volcano to erupt

LESSON MODIFICATIONS**Modifications/Accommodations:**

- Word bank for those needing extra help
- One-on-one assistance if needed
- Parts of the volcano numbered for extra help

MATERIALS, TECHNOLOGY, AND MEDIA

Flipchart, model volcano, baking soda, vinegar, red food coloring, clear, yellow, or orange dish soap, white paper