

Earth Day 2017 Science Activity

Teacher Instructions

Because this lesson is a sample from the *Simple Solutions NextGen Science 3*, students may not be familiar with some of the concepts addressed in the questions. Be sure to review the Vocabulary Terms prior to using this lesson.

Instructions:

1. Have students read the passage from the ***Simple Solutions NextGen Science 3*** sample lesson and complete the questions.
2. Discuss each item with students. (Answers are included.)
3. Use the **Air Pollution** graphic organizer to define *air pollution* for your students.
4. Discuss how air pollution impacts the environment. Then, guide them through an investigation of how air pollution impacts the environment.

Materials Needed: paper plate, hole puncher, shoelace, Vaseline

- (a) Punch a hole at the top of the paper plate and pull the shoelace through to make a knot so that the paper plate can be hung.
 - (b) Cover one side of the paper plate with a thin layer of Vaseline.
 - (c) Hang the paper plate outside in a secure spot overnight.
 - (d) Bring the paper plate in from outside and have students examine it.
 - (e) Have students fill out the **Air Pollution Investigation Results** worksheet.
6. After your students complete the activity, have them color and fill out the **Earth Day** poster to display their ideas for keeping the environment clean.

Student Materials:

- ***Simple Solutions NextGen Science 3*** sample lesson
- **Air Pollution** graphic organizer
- **Air Pollution Investigation Results** worksheet
- **Earth Day** poster