

Soil Magic

(2nd grade)

Students are introduced to the three types of soil (sand, silt and clay). Discover how water helps the earth make soil. Explore how water moves through soil, and how the layers of soil help clean groundwater naturally.

Grade Level Expectations in Science:

1.1.1 - Sort common objects by multiple simple properties (e.g., color, size, texture, and shape).

1.1.5 - Explain how some earth materials are used by living things (e.g. water and soil for growing plants.)

1.3.4 - Describe how rocks can break down into smaller pieces (e.g., pebbles and sand) by the action of water.

2.1.4 - Create a simple model of a common object, event, or process.



Students make observations of various soil types



Students feel the different textures of sand, silt and clay