Soil Types

What You Need

- hand lens
- 3 paper plates
- 3 craft sticks
- 3 kinds of soil
- 3 milk cartons
- spoon
- red, blue, and green circle stickers
- water

Find Out
Do this activity to see how soils can be different.

Process Skills
Observing
Communicating
Measuring

Time
- 30 minutes to get started
- 30 minutes one week later
What To Do

1. Label one plate “red,” one plate “blue,” and one plate “green.” Put one scoopful of a different soil on each plate.

2. **Look** carefully at each soil with a hand lens.

3. Use a craft stick to **look** at different parts of the soil.

4. **Write** words that tell about each soil.

5. Label your milk cartons. One is red, one is blue, and one is green.

6. Fill the red milk carton with the soil labeled “red.” Do the same with the blue and the green.

7. **Measure** five spoonfuls of water into each milk carton. Put your milk cartons in a safe place.

8. After one week, use your craft stick and **look** carefully at the soil in each milk carton. Write words that tell about each soil.
<table>
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<th>To Start</th>
<th>After 1 Week</th>
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<td>Red</td>
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<td>Blue</td>
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<tr>
<td>Green</td>
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Conclusions

1. How did the soils change?

2. Why do you think this happened?

New Questions

1. Which soil would be best to grow plants in? Why?

2. Write a question you still have about soil.
Activity Journal
Lesson 1 • Land and Water

Name _____________________________

ACTIVITY

Making a Land and Water Collage

Choose a word from the box to name each picture.

| lake | river | mountains | plains |

__________________________

__________________________

__________________________

__________________________
Name __________________________

Draw one landform that you found.

Draw one body of water that you found.
Activity Journal
Lesson 2 • Rocks and Soil

Name ____________________________

ACTIVITY

Grouping Rocks

Look at the rocks carefully, and draw what you see.
Name ____________________________

How did you **group** the rocks?
Caring for Earth

Guess how much paper your class uses in one week.
Draw how much paper your class used in one week.

What other things could you recycle?