



# Rock and Soil Investigation

Look for and observe:

1. A smooth rock
2. A rough rock
3. A flat rock
4. A round rock
5. A small pebble
6. A larger stone
7. A rock with more than one color
8. A rock with lines or layers
9. A rock with tiny speckles
10. A place with loose soil
11. A sandy area
12. A clay-like area
13. Dark soil
14. Light soil
15. Soil with tiny roots
16. Soil with small stones mixed in
17. Evidence of erosion
18. A place where water moved soil
19. A dry patch of ground
20. Something that makes you stop and notice the ground beneath you

Observe carefully. Do not dig deeply,  
throw rocks, or disturb habitats.  
Wash hands after handling soil.

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# Rock and Soil Companion Activities

After your investigation, respond in these ways:

## 1 Rock Journal



Write 3 to 5 things you noticed.

## 2 Rock Sorting



Sort rocks by size, color, or texture.

## 3 Soil Layers Jar



Put soil, sand, and water in a jar and let the layers settle.

## 4 Hardness Test



Compare which rocks scratch more easily.

## 5 Texture Rubbings



Make safe rubbings of rock textures with paper and crayon.

## 6 Sand and Clay Compare



Tell how sand and clay feel different.

## 7 Soil Color Match



Group soil or drawings by light and dark shades.

## 8 Erosion Demonstration



Pour a little water over soil and watch how it moves.

## 9 Pebble Pattern Design



Arrange pebbles into a simple pattern.

## 10 Moisture Check



Compare dry soil and damp soil.

## 11 Creation Reflection



Write how rocks and soil help plants, animals, and people.

## 12 Thankfulness Response



Write one sentence thanking God for the ground He made.

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