



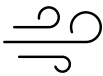
JOBS IN THE FOREST: GEOLOGIST

Geology – the study of rocks and this history of earth. A **Geologist** is a person who studies the materials (rocks), processes, and products of the earth. Geologists have the important job of identifying unstable areas, erosion points, and soil types. Unusual soils on JDSF include those found in the pygmy forest.

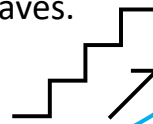
Geology Terms

Unstable areas – places on the landscape that might slide downhill. Can also be called a landslide.

Erosion – the process of soil being removed from its home by wind, water, or some other force. This happens naturally over time, as well as can be human caused through different activities.



Marine Terrace – a flat section of ground that has steep uphill and downhill sides. It came from the ocean thousands of years ago. Picture giant stairs that are carved in the earth over time through earthquakes and the ocean waves.



Geologist Activities

1. Find some rocks. Imagine what you think the history of that rock is. Where did it come from? How did it become smooth or rough or broken? Be sure to draw a picture of your rock before putting it back in its home.
2. Hike the Ecological Staircase Trail at Jug Handle State Park. This trail takes you along five different marine terraces that rose from the ocean. See if you can identify each terrace based on the changes in plants? Be sure to read the board at the beginning of the hike! ([Link to map](#)). For the truly adventurous, continue onto the JDSF Pygmy Forest Reserve Trail and notice the soil and plant differences.



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#stemlearning #stemforkids #geology



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