

Sci-Map Site

Devil's Millhopper

Name of Activity

Edible Sink Hole

Materials

pudding cup
Graham crackers (2)
Oreo cookies (2)
Clear plastic cup
Drinking Straw
Milk

Procedure

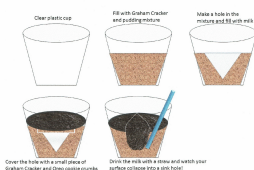
Crush your Graham crackers. Geologists call this "weathering".
Mix the Graham crackers with the pudding to make your "limestone" rock formation.
Form a hole in the pudding and cookie mixture.
Fill the hole you made with milk. (The milk will act like water in the real sink hole.)
Carefully place a piece of whole Graham cracker over the hole to hold up your Oreo cookie soil.
Crush the Oreo cookies (weather them) and sprinkle over the top of the pudding forming a nice even surface over the Graham cracker, milk, and pudding structure.
Gently slide the drinking straw down one side of the cup and sip out the milk. Watch closely as the top layer of Oreo cookie soil sinks down into the cup as the milk is no longer there to support it.
We just made a sink hole dessert! Feel free to eat the rest of the collapsed sink hole. It's tasty!

The Science Behind It

Sink holes are made when there is a gap in the underlying rock that is weakened by water. The upper layer of rock and soil can be supported by water in the holes of the rock. When too much water is pulled out of the weakened rock, the rock can collapse leaving a big dip in the ground. This big dip is called a sink hole

Post Image

Hands On Activity for Devil's Millhopper- before you go. Page 3/3



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