

# LAYERS OF THE EARTH

This fun and simple layers of the earth activity is a great geology activity for multiple ages.

## INSTRUCTIONS:

**STEP 1:** Print the earth layer template.

**STEP 2:** Add glue to each section of the design and then sprinkle with different colors of sand, glitter, or just color with markers.

**STEP 3:** When you have finished sprinkling on the sand, shake off any excess.

**STEP 4:** Let dry.

## SUPPLIES

Template  
Glue  
Colored sand

## EARTH'S LAYERS

The outermost layer of the Earth consists of the solid crust and is relatively rigid and brittle. It is broken up into tectonic plates that move and interact with one another.

The upper mantle is composed of hot, ductile rock that flows slowly over time. It is responsible for the movement of the tectonic plates. The lower mantle is composed of solid rock that flows very slowly over long periods of time.

The outer core is composed of liquid iron and nickel. It generates the Earth's magnetic field through a process known as the dynamo effect.

This is the innermost layer of the Earth, consisting of solid iron and nickel. It is under immense pressure and has temperatures reaching up to 5,500 degrees Celsius.



