



Inside the Earth 3D Model Maker

THIS IS A
HANDS ON
learning activity

Placing learning in the hands of your students.

Designed with the purpose of making prep easy and quick while creating fun for their students. The 3D model maker series is great for all grades and allows for differentiation. Works as an assessment activity, a homework assignment, or classroom activity.

Inside the Earth 3D Model Maker

Disc 1

The finished model is 7 inches (diameter).

SUPPLIES NEEDED

1. Coloring Pencils
2. Scissors
3. Glue Stick
4. Information on the Earth (if allowed).

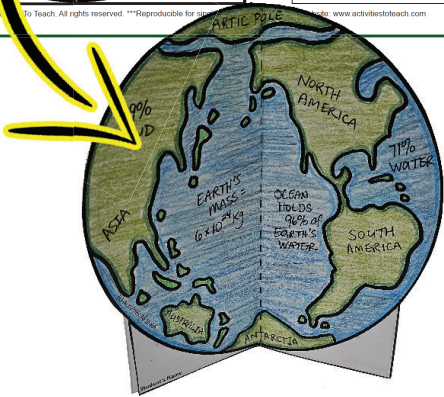
INSTRUCTIONS for DISC #1

1. Color the surface of Earth and label the continents on Disc 1.
2. Include information about the water to land ration & type of water.
3. Indicate what type of water is in these oceans.
4. When finished cut out the disc to make a circle.
5. If you want your circle to stand up rather than hang, do NOT cut off the black lined box on the base.
6. You will want to fold the disc in half vertically along the dashed line, so that the colored side is inside the fold.

Bottom piece is not cut off makes model stand.

Student's Name _____

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Inside the Earth 3D Model Maker

Disc 2

The finished model is 7 inches (diameter).

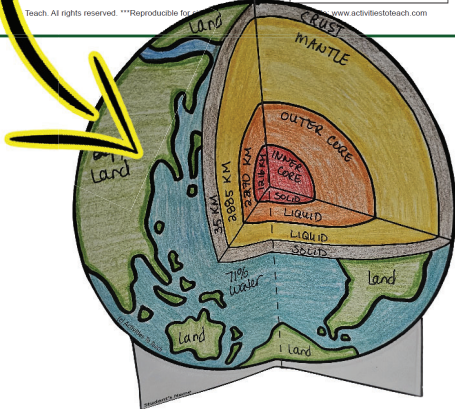
INSTRUCTIONS for DISC #2

1. Color the surface of earth and water on the outside of the earth.
2. Color & label the Crust brown.
3. Color & label the Mantle yellow.
4. Color & label the Outer Core orange.
5. Color & label the Inner Core red.
6. When finished cut out the disc to make a circle.
7. If you want your circle to stand up rather than hang, do NOT cut off the black lined box on the base.
8. You will want to fold the disc in half vertically along the dashed line, so that the colored side is inside the fold.

Bottom piece is not cut off makes model stand.

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Inside the Earth 3D Model Maker

Disc 3

The finished model is 7 inches (diameter).

INSTRUCTIONS for DISC #3

1. Color and label the Crust, Mantle, Magma, Outer and Inner core as you did on Disc 2.
2. Identify the depth of each layer.
3. Indicate the temperature range of each layer of the magma, outer core and inner core.
4. Include some details about the materials or elements found in some of the layers.
5. When finished cut out the disc to make a circle.
6. If you want your circle to stand up rather than hang, do NOT cut off the black lined box on the base.
7. Once you have all 3 sides colored and cut out, you will want to fold them in half along the vertical dashed line.
8. You will glue the half of the back of disc 1 to the half the back of disc 2, then repeat half of back 2 to 3 and lastly the last back half of 3 to 1.
9. Note: All colored surfaces face outward.

Bottom piece is not cut off makes model stand.

Student's Name _____

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