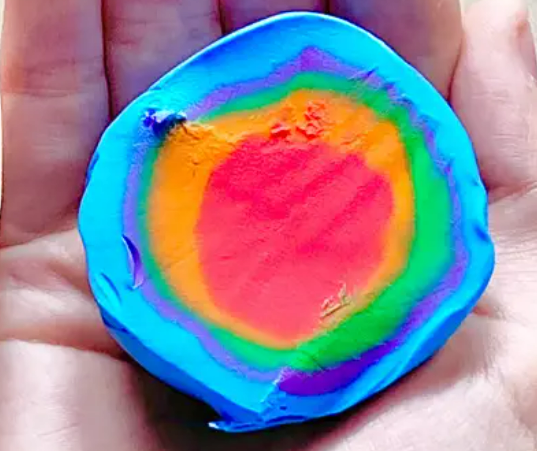
**Layers of Earth**

Materials: 5 colors of play-doh and waxed dental floss

Procedure:

1. Fill in the key below to determine which color will represent each layer of the Earth.

Key:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ will represent the inner core.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ will represent the outer core.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ will represent the mantle.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ will represent the crust.

1. Form a ball to represent the **inner core**.
2. Next, roll out a circle of another color and wrap around the ball and roll gently. This next layer represents the **outer core**.
3. Each subsequent color will need more play-doh than the last. You will need a color to represent the **mantle** and the outer layer for the **crust**.

*\*Be sure not to press the layers too firmly together so that the colors don’t mix.*

1. Once your Earth of 5 layers of play-doh is complete, use a piece of waxed dental floss to cut the ball down the middle, revealing all the layers underneath.
2. Draw, color, and label a picture of your play-doh model below.

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