



# The Earth's Structure

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The Earth's structure is composed of 4 layers:

- inner core
- outer core
- mantle
- crust

The inner core is solid, while the outer core is liquid. The mantle flows very slowly and the crust is solid, is composed of rocks and is the part we live on.



Why not try to make our own Earth?

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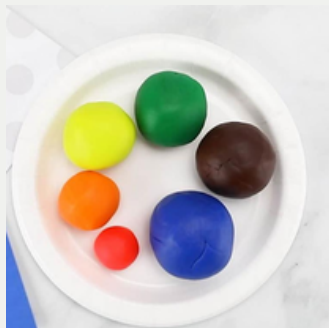
## WHAT WE NEED:

- Playdough (Red, orange, yellow, green, brown and blue)
- A plate
- A knife

## STEP 1

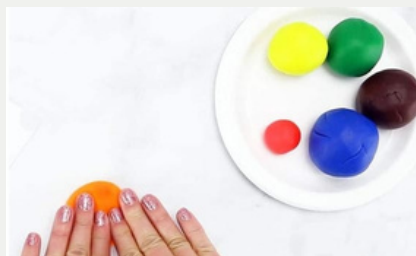
Using playdough, we form six balls of increasing size to reproduce the layers that make up the earth:

- red - inner core
- orange - outer core
- yellow - mantle
- brown - crust
- green - earth
- blue - water



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## STEP 2



We take the orange ball and flatten it into a disk.

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## STEP 3

We place the red ball in the center of the orange disk and close it by wrapping the red ball in the center.



#### STEP 4

We flatten the yellow ball, making it into a disk, and wrap the orange ball.

We repeat with the brown ball and the blue ball.



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#### STEP 5



We use bits of green to make the earth and press them on the blue ball to represent the continents.

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#### STEP 6

With the help of a knife (and being very careful not to hurt ourselves!) we cut the Earth in half.

This way we will be able to observe all the different Layers of the Earth!

