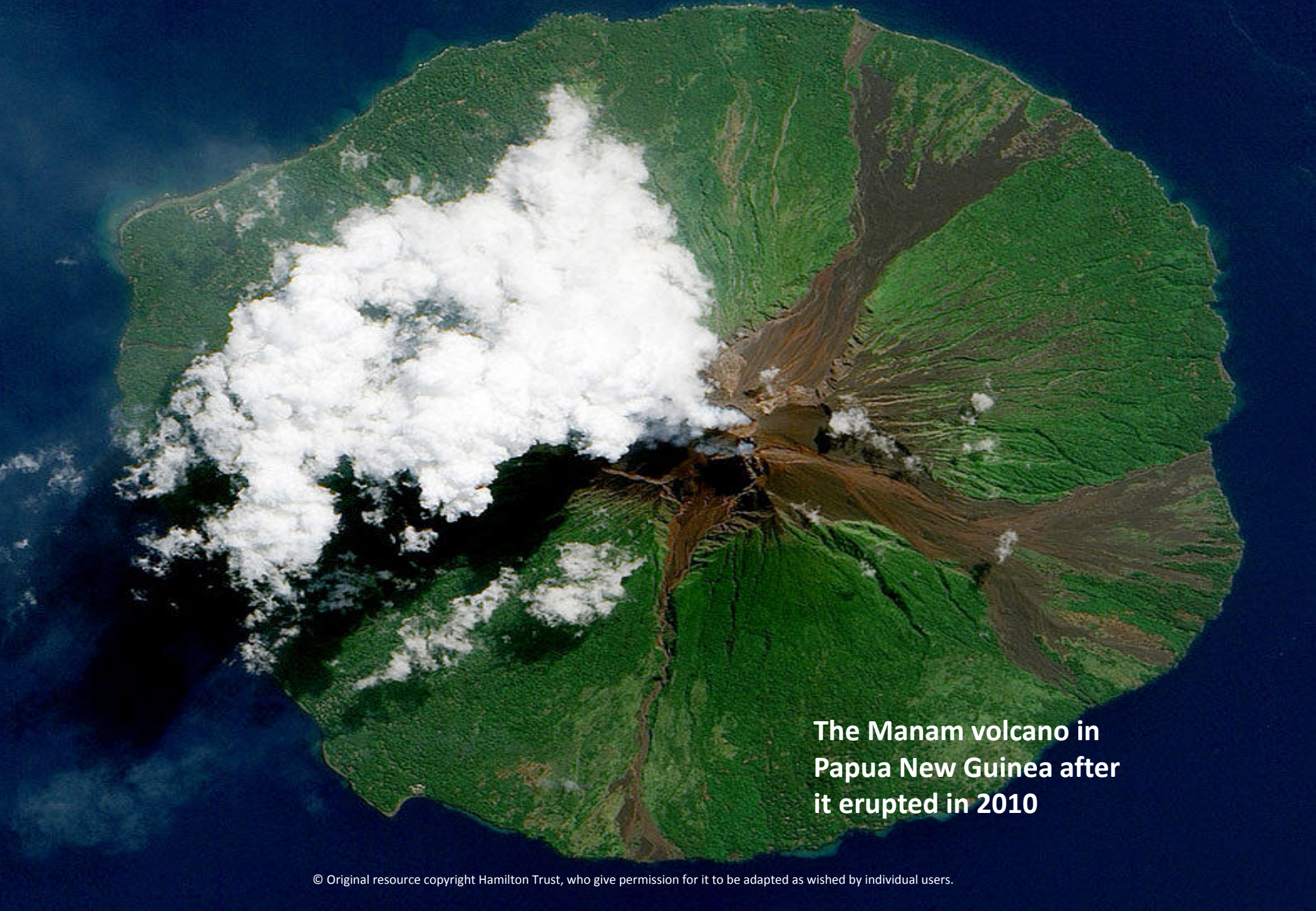
photographer Kawika Sing taking photos on the lava

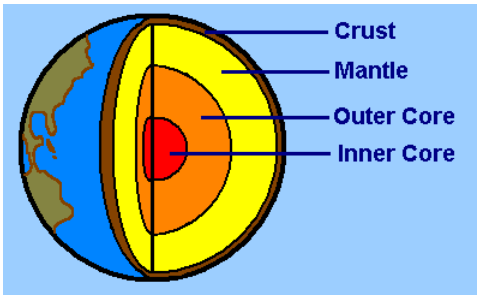
The Kliuchevskoi Volcano in Russia erupting in 1994. The photograph was taken by the space shuttle Endeavour from 115 miles in the air.



The Manam volcano in Papua New Guinea after it erupted in 2010

Can you make a play dough Earth?

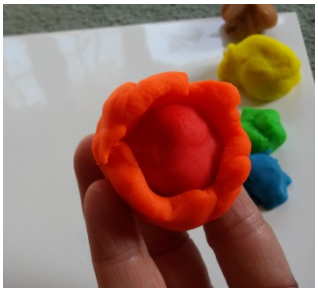
Here is a diagram of the Earth and its layers.



1. You will need small balls of play dough in colours red, orange, yellow, brown (mix a little bit of all the colours together), blue and green.

2. Take a small piece of red play dough and roll into a ball. It should be the size of a large marble. This is the Inner Core of your mini Earth.

3. Cover the red ball with a layer of orange play dough. This is the Outer Core.

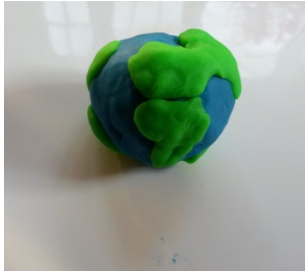


4. Next, cover the orange layer with yellow play dough. This is the Mantle of your mini Earth.

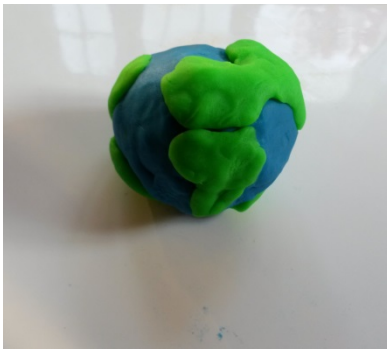
5. Cover the yellow layer with a thin layer of brown to form the Crust.

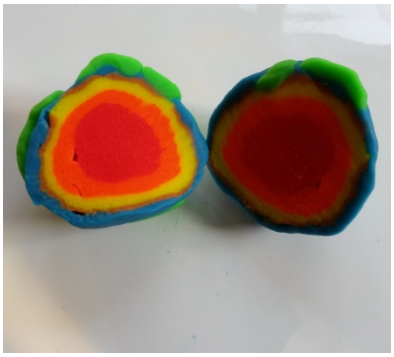
6. Finally, cover the Mantle with a very thin layer of blue and green play dough to represent land and sea.

Now you are ready to cut your play dough Earth in half to see the layers you have created!



Can you use your play dough Earth to show tectonic plates?





Cut your Earth in half to see the layers.

Label the layers using cocktail sticks and strips of paper or sticky labels.