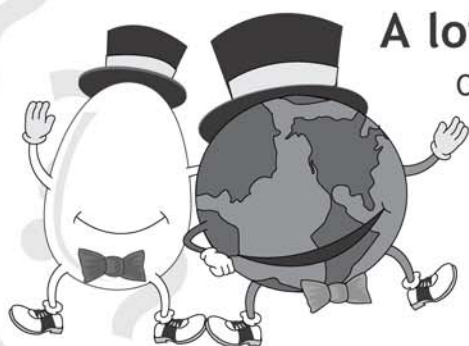


WHAT DO AN EGG AND THE EARTH HAVE IN COMMON?



A lot more than you may think.

Okay, they both begin with the letter “E”—that’s obvious. And they’re both made up of layers.

Think of it this way. The Earth’s core is the egg yolk. The mantle is the egg white. The crust is the egg shell. Get the picture?

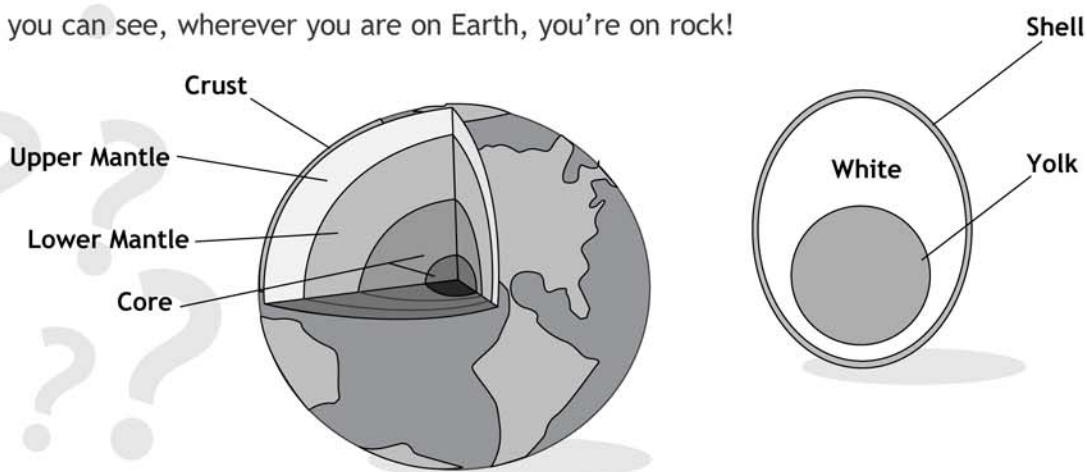
The **CORE** is a solid inner sphere of nickel-iron surrounded by a fluid outer layer. Scientists believe that the Earth’s magnetic field is produced because

of the outer core rotating around the inner core. The heat and pressure in the core are intense.

The **MANTLE** is actually two layers. The lower mantle is rather solid, but the upper mantle is molten rock. The molten rock is a thick liquid, sort of like hot tar. When the molten rock finds a weakness in the Earth’s crust, it bubbles up through and finally erupts as a volcano.

Last but not least, a solid **CRUST** forms the outer layer of the Earth. The crust is thin. It is about four miles thick under the ocean and up to 56 miles thick beneath mountain ranges. The top layer of the earth’s crust is made up of soil where plants grow. When we say that the Earth’s crust is thin, we just mean that it’s thin compared to the other layers.

So as you can see, wherever you are on Earth, you’re on rock!



This is a good time to try the Volcanic Egg Project on the next page.