

Planet Earth

By Emily Tran

What do you know about Earth besides the fact that we live on it? Did you know that the Earth was formed four and a half billion years ago? Do you know how it was formed? Do you know why there are 365 days in a year and 24 hours in a day? Well, I'm here to share these answers!

Earth began as a huge cloud of dust and gas. As time went on, gravity helped that cloud of dust clump together to form the planet we all know as Earth!

The Earth is made up of 4 layers. The layers are the crust, mantle, outer core, and inner core. We live on the crust, the outermost layer of the Earth. The Earth's crust is very thin compared to the other layers. The next layer under the crust is the mantle. The mantle is the largest layer of the Earth. The mantle has a very high temperature, because it is made up of a very hot rock. Even hotter than that is the outer core. It can have temperatures from 4,000 degrees F to as high as 9,000 degrees F. The innermost layer, the inner core is just as hot as the outer core! It has temperatures as high as 9,000 F. The inner and outer cores have temperatures so high that they melt all the metals inside!

When I heard that there are 365 days in a year, I wondered why 365? Well, the reason is because it takes 365 days for the Earth to orbit around the sun. It takes 365 days for the Earth to orbit around the sun and be back at the same position it was at last year. The Earth is also spinning on its own axis while orbiting the sun. The Earth takes 24 hours to rotate or spin around its axis. That is how we measure a day.

So, four and a half billion years after the Earth formed, we have figured out how the Earth formed, what it is made of, and why there are 365 days in a year.

