

Facts on Earth

Today I'm going to tell you a little about the earth and show you that God created it for all living things. God gave the earth its gravity, mass, distance from the sun, tilt, atmosphere, and magnetosphere, so that we can enjoy His lovely creation today.

To start out, let's talk about gravity. Well, if there were too much gravity, we couldn't get out of bed. We could barely do anything. If there was too little, in a storm your house might go to the land of Oz because it wasn't as heavy. That is one proof that God made the earth for living things.

Also God gave earth the perfect amount of mass (a measure of how much matter is in something). Mass hold planets together, so if they had too much, all the planets would get sucked into the sun. If they had too little, they would go shooting out of orbit.

The earth is also the perfect distance from the sun. If it were a few thousand miles closer, the heat would be too intense, and nothing could live. If it were farther away, we would be too cold and all die. Thankfully God put the earth right where it should be.

He also put the earth in a perfect tilt. If He didn't, we wouldn't have seasons. Have you ever wondered why we get seasons? Well, we get them from the way God tilted the earth. Without tilt, it would always be spring or fall, never summer or winter. That wouldn't be any fun.

God gave us the perfect amount of atmosphere, too. If there was too much, it would be hotter, like on Venus. If too little, it would be burning during the day and freezing at night, like on Mercury. There would also be way more meteorites, or what some people call shooting stars, because they wouldn't get burned up in the atmosphere.

God gave us a perfect magnetosphere, which means magnetic powered ball in Latin. It protects us from harmful solar winds, the stuff that comes out of the sun. It works just like a magnet, because metal things are attracted to the poles. If the earth's field weren't as strong, we would be more likely to get hit by meteors, because it pulls meteors to the poles.

All these things show us that God almighty made the earth for us to live on. Our great, great, great, great, grandpa wasn't a rock or a frog, but God.

Source: Jeannie K. Fulbright, *Exploring Creation with Astronomy*, Apologia Educational Ministries, 2004.