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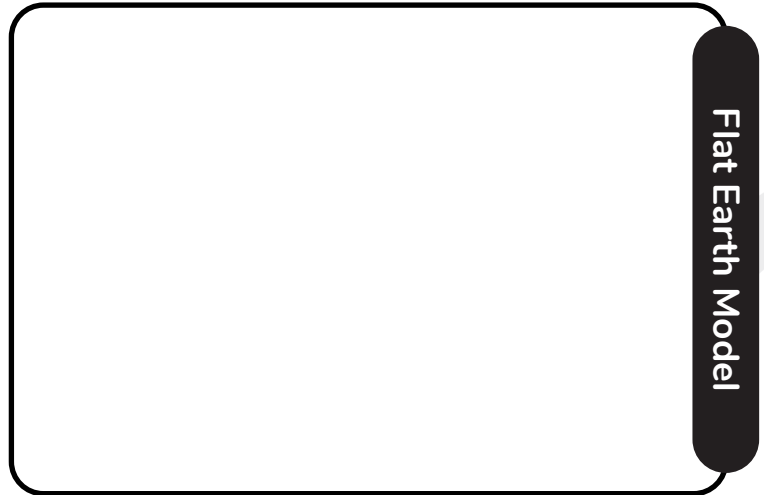
Story of Earth

This activity was created by Toni.

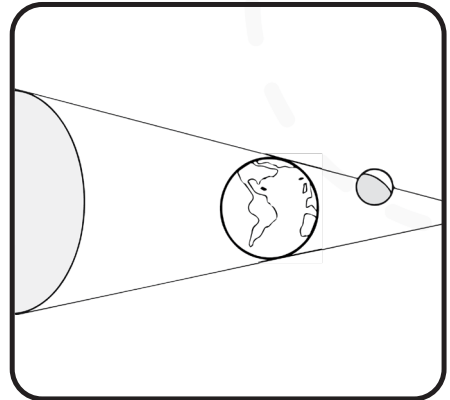
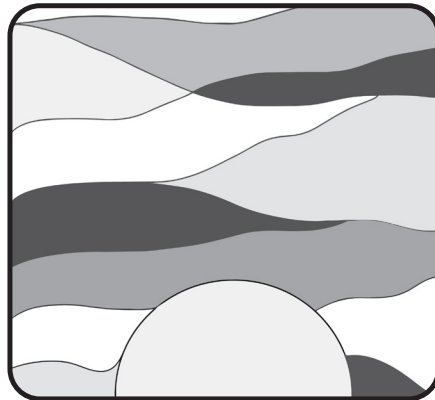
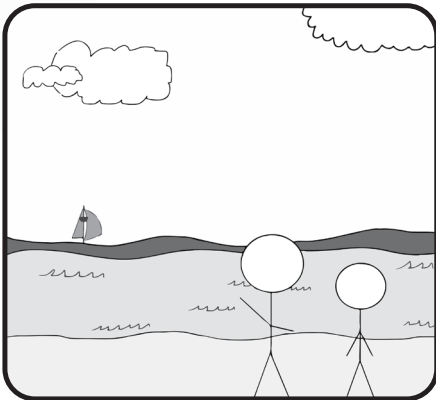
Earth was once believed to be flat. Instead of a globe, people believed that earth was a flat disc, suspended in space. This was called the Flat-Earth Model.

The North Pole was believed to be the center of the Earth, and the continents were arranged in a circle around it. The continents were surrounded by water. It was thought that if you traveled far enough, you would hit the edge of the disc, which was surrounded by a thick ring of arctic ice.

Can you draw what that version of Earth would look like?

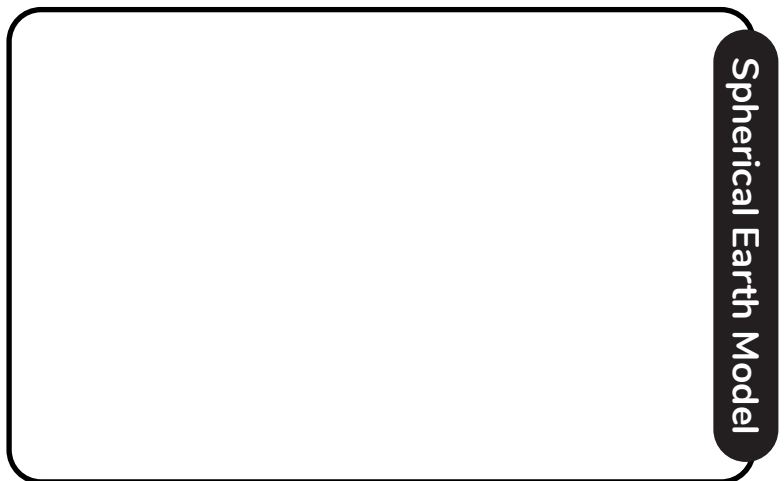


But the Flat-Earth Model started being questioned by the Ancient Greeks when their philosophers started noticing things that proved that the Earth was sphere. During partial lunar eclipses, Earth's shadow on the moon was always round. Things appeared on horizons gradually and not all at once. And if the Earth was flat, sunrises and sunsets wouldn't exist because the sun would always be shining.



This meant that eventually the spherical Earth model was accepted worldwide.

Can you draw what the Earth looks like as a sphere?

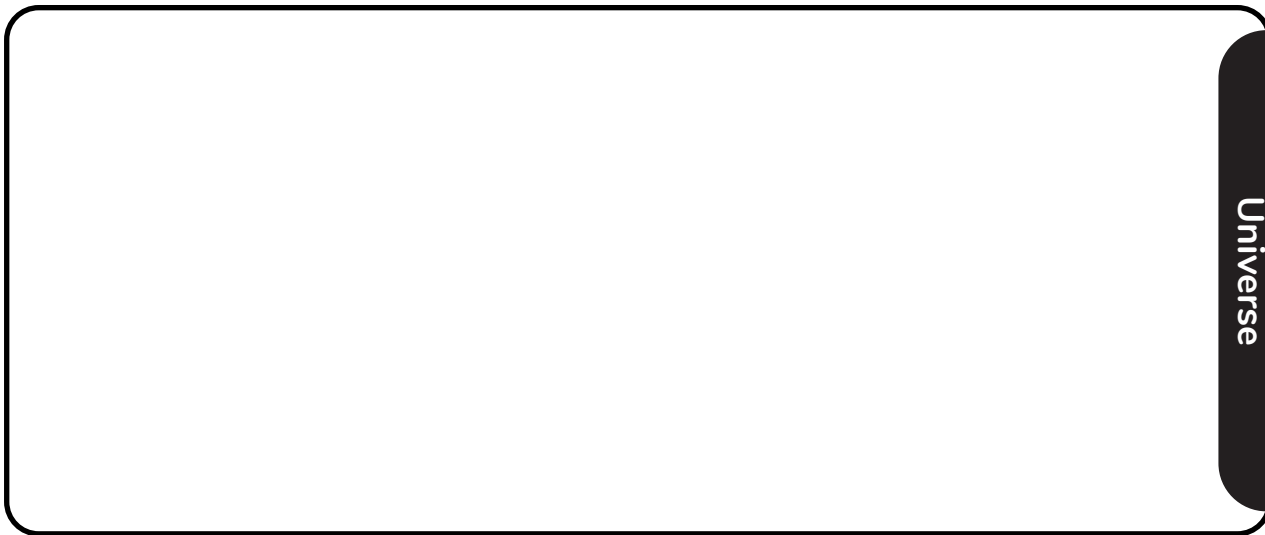


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Another belief about the Earth that has changed over time is the Earth-Centred or Geocentric Model of the Universe. This theory said that Earth was the center of our solar system instead of the Sun, and that all the planets, moons and Sun rotated around the Earth.

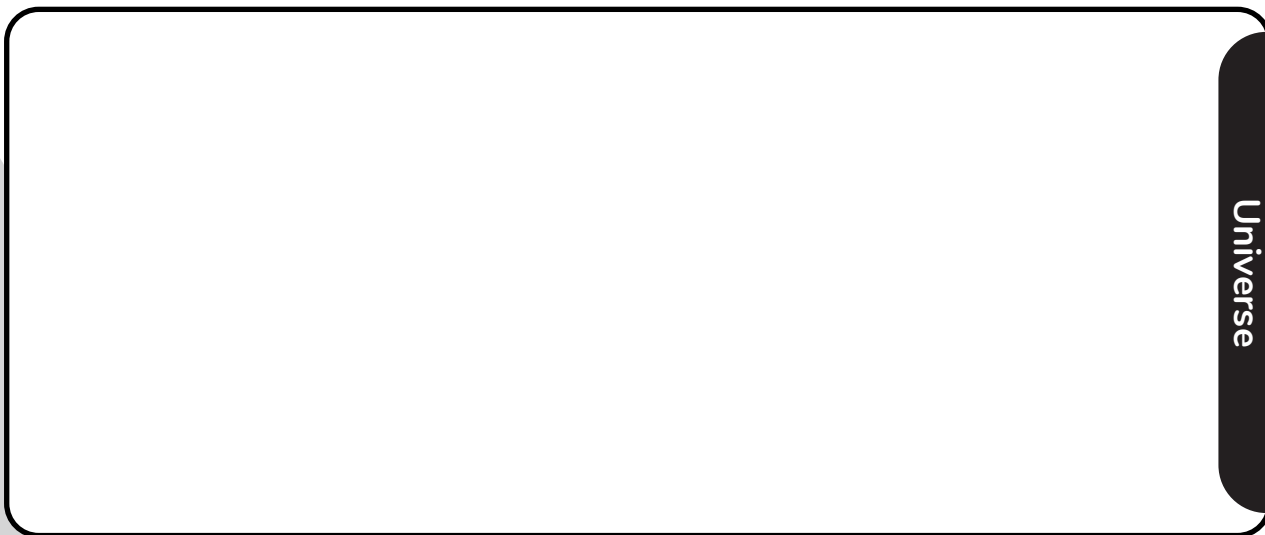
Can you draw what you think the geocentric version of the universe would look like?



Geocentric Model of the Universe

Eventually, scientists and philosophers started gathering evidence that astronomical bodies didn't revolve around Earth, and instead revolved around the Sun. This model is called heliocentrism and it is accepted as scientific fact across the globe today.

Can you draw a picture of our solar system following the heliocentric model?



Heliocentric Model of the Universe

These new theories seemed crazy when they were first proposed, but now they are seen as normal facts. This is common when it comes to new ideas in science. In computer science the idea of talking robots seemed crazy, but look at me now!

