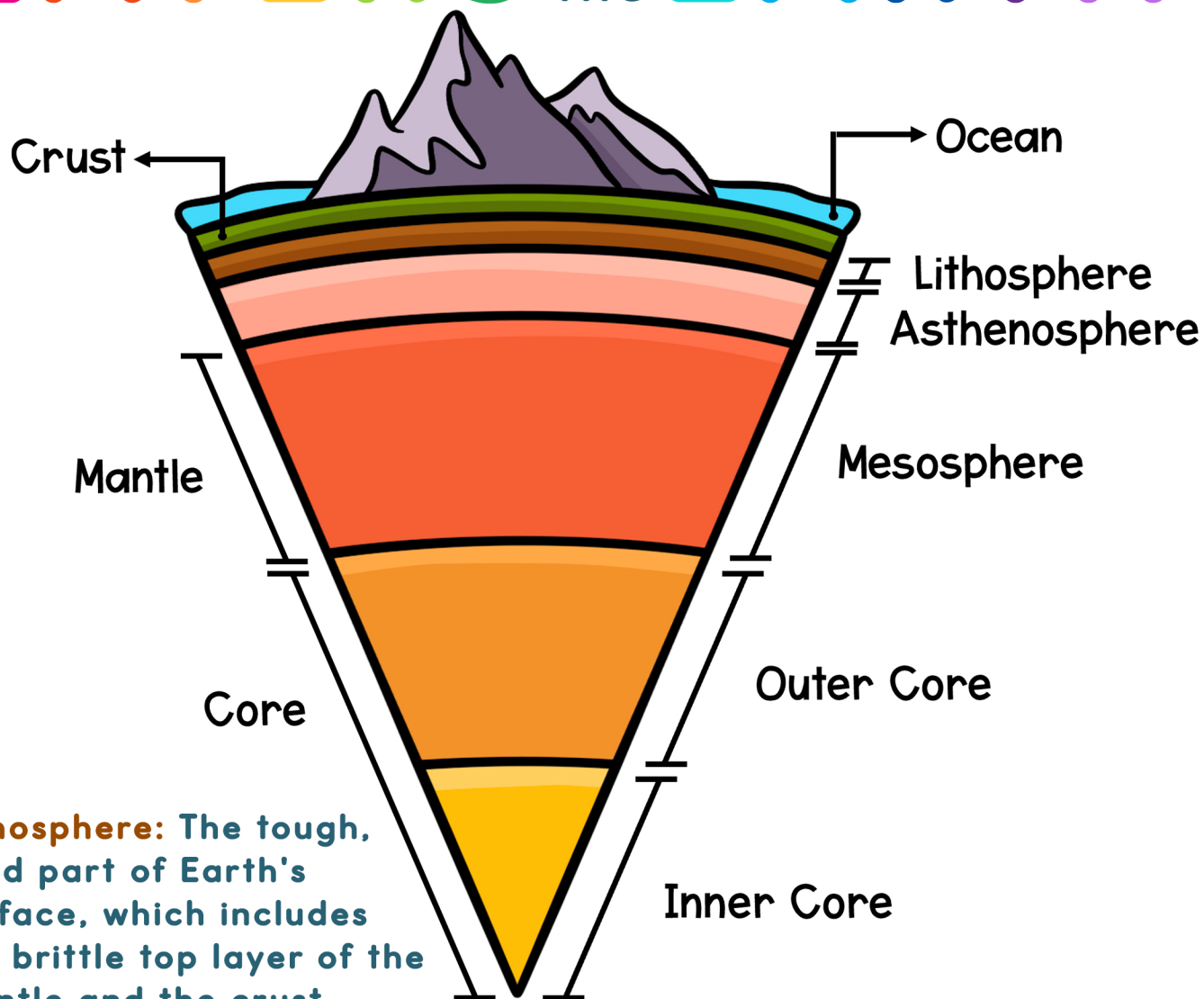


LAYERS of the EARTH



Lithosphere: The tough, solid part of Earth's surface, which includes the brittle top layer of the mantle and the crust.

Asthenosphere: The layer beneath the lithosphere. It's a layer in the Earth's mantle where things can move and flow more easily.

Mesosphere: The atmosphere above the stratosphere and below the thermosphere. Acts as a shield to protect the Earth from meteoroids.

Outer Core: A liquid layer of molten iron and nickel beneath the Earth's mantle, responsible for generating the planet's magnetic field.

Inner Core: The Earth's solid, super-hot center, primarily composed of iron and nickel, where temperatures are as high as the surface of the sun.