

God's Earth



Introduction

Genesis 1:1-2 In the beginning God created the heaven and the earth, and the earth was without form and void; and darkness was upon the face of the deep.

Isaiah 41: 20 That they may see and know, And consider and understand together, That the hand of the Lord has done this, And the Holy One of Israel has created it.

Isaiah 45:18 For thus says the Lord, Who created the heavens, Who is God, Who formed the earth and made it, Who has established it, Who did not create it in vain, Who formed it to be inhabited: "I am the LORD, and there is no other.

Helpful resources for [creation science](#) click here. Far more than what I could put here on this site.

THE ATMOSPHERE

Define the following:

Troposphere

Stratosphere

Mesosphere

Thermosphere

Exosphere

Which layer is the closest to the Earth's surface?

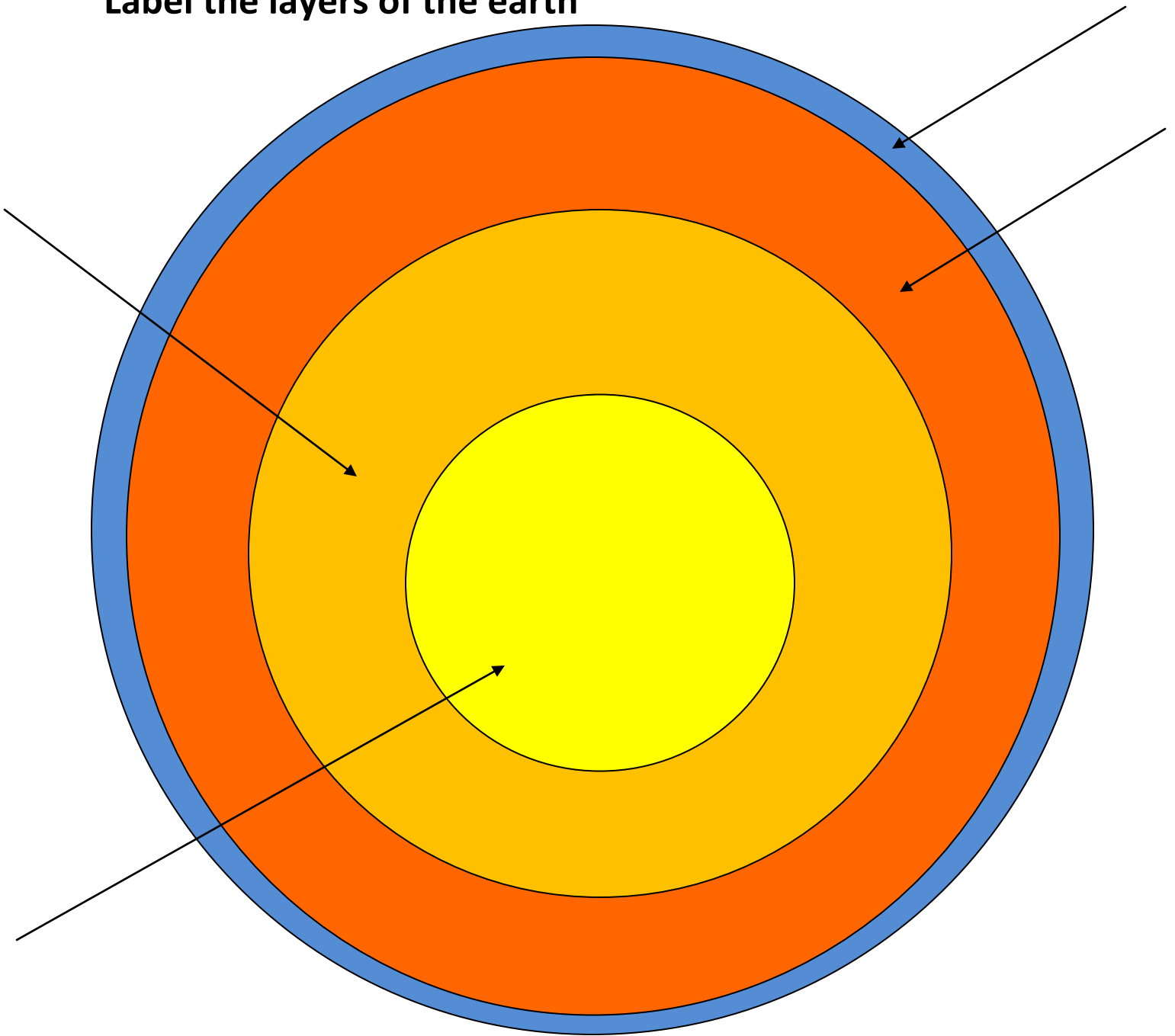
Which layer contains a gas known as ozone?

Which is the final layer of atmosphere before outer space?

What would the earth be like if it had no atmosphere?

Can an airplane fly in the mesosphere? Explain.

Label the layers of the earth



1. Crust
2. Mantle
3. Inner core
4. Outer core

Use the Internet or other sources to find your answers

1. Which is hotter the surface of the sun, or the inner core of the earth?

2. Define the following:
 - a. Lithosphere

 - b. Asthenosphere

 - c. Tectonic plates

3. Some scientists allege that the earth is over _____ years old.

4. The temperature of the inner core can reach as high as _____ degrees.

5. The average depth of the ocean is about _____ below sea level.

6. According to the theory of scientist Alfred Wegener, all of today's continents once belonged to what supercontinent?

EARTHQUAKES

Define the following:

Aftershock

Earthquake

Epicenter

Fault

Foreshock

Liquefaction

Magnitude

Main-shock

Richter Scale

Seismograph

Seismologist

Strike-slip

Tectonic Plates

What causes earthquakes?

What are P waves?

What are S waves?

How should someone living in an earthquake area prepare for an event?

Can scientists prevent earthquakes from happening? Why or why not?

About how many earthquakes happen each day?

What is the name of the fault that is located in the mid-section of the United States?

VOLCANOES

Where is the Ring of Fire located?

What is a volcano?

What is lava?

What is a super volcano?

What is magma?

What is the difference between an active volcano and a dormant volcano?

Draw a diagram of a volcano and explain how the volcano works.