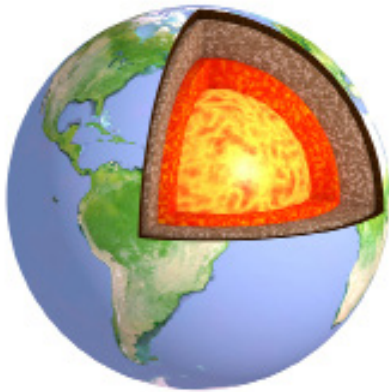


# 7 Geology

Check the bold words, read the paragraph, then brainstorm more vocabulary below.

While the universe is **estimated** to be 13.8 billion years old, Earth's age is about 4.6 billion years. **Gravity** from the sun pulled together clouds of gas and dust to make **planets** like Earth. Geology includes the study of any **solid** bodies on Earth, or even in space, such as the moon or Mars. Geologists can also estimate the time of "geologic events" such as when an asteroid hit the Earth.

There are a few branches of geology. Physical geology is the study of natural processes that lead to changes in the Earth's surface. A second branch of geology includes the study of rocks, in particular the three different kinds of rocks, sedimentary, igneous and metamorphic. A third branch of geology includes the study of minerals. Which branch is each picture and sentence below related to?



core

solid

liquid

sinkhole

surface

collapse



volcano

eruption

Yellowstone

physical geology

plates

earthquakes



igneous

magma

formation

mineral

to mine

quartz

