



Evolution of the Earth

How was the Earth formed? When? How? What is its makeup?

Here are the questions to which you must find the answers in order to undertake your training as a geologist.

With the help of *The Earth* animation 4.1 put at your disposal, answer the following questions:

1. Approximately how old is the Earth? _____

2. What is found inside the Earth?

3. Are the continents mobile? _____

4. Briefly explain plate tectonics.

5. What generally causes a seismic event? _____

6. What is the lithosphere? _____

7. Where do volcanoes generally form? _____

8. In what type of rock are fossils found? _____

9. What type of rock presents large crystals and why? _____

10. Can it be said that metamorphic rocks were originally igneous or sedimentary?
Explain your answer. _____
