

1. How do rocks change?	Rocks move and change over time due to heat and pressure.
2. What the 3 classifications of rocks?	Sedimentary Igneous Metamorphic
3. Describe how sedimentary rocks are formed.	They are layers of sediment cemented together.
4. What is sediment?	Sand, mud, rocks
5. How are igneous rocks formed?	They are formed from melted and cooled lava and magma.
6. How are metamorphic rocks formed?	They are rocks that are changed by heat and pressure.
7. Name the four layers of the Earth's crust.	Crust Mantle Inner core Outer core.
8. Describe what material makes up the outer most and inner most layers of the Earth	The outer most layers are composed mostly of rocky material . The inner most layers are composed mostly of iron and nickel .
9. What is thermal energy?	It is heat energy.
10. What does thermal energy cause?	It causes the Earth's crust to move.
11. What are the large continent size blocks of land called?	They are called plates.
12. What the 3 types of plate boundaries?	Divergent boundary Convergent boundary Transform boundary
13. What kind of plate boundary is formed when two plates slide past each other in opposite directions?	A transform boundary (also called a strike slip boundary)

14. What kind of plate boundary is formed when plates move toward each other?	A convergent boundary
15. What type of boundary is formed when plates move apart?	A divergent Boundary
16. Where are most earthquakes and volcanoes located?	They are located on the boundaries of the plates. These areas are called faults.
17. What land features are created by current and past plate movement?	Trenches Mid- ocean ridges Mountain ranges
18. What is erosion?	Material moved by water and wind.
19. What is weathering?	It is the breaking down of material by wind, rain, ice, snow etc.
20. What is deposition?	It is the dropping off of the new sediment in a new location.
21. How old is the Earth?	4.6 billion years old
22. What type of rock are fossils generally found in?	Sedimentary