

## 9.2 COMPOSITION OF THE EARTH

1. Match the rock type with the correct characteristics.



Igneous rock



Sedimentary rock



Metamorphic rock

- Formed when exposed to high temperatures/pressures
- Harder than the original stone

- Formed from cooling and magma/lava freezing
- Various minerals

- From the compression of sedimentary materials
- Many layers
- Hollows contain fossils

## 9.3 MAIN PROCESS OF THE EARTH

2. DRAG the example of the earth's occurrence and DROP to the correct main process.

ENDOGENIC caused by forces from within the earth forms and changes the earth's surface	EXOGENIC Occur on Earth's surface

1. Weathering
2. Erosion
3. Transport and Sedimentation
4. Mass and Land Depletion

1. Mantle convection process
2. Earth's crust movement
3. Magma activity

3. Choose the correct answer for an example of an earth process that takes place.

Characteristics	Earth's Main Process
Due to changes in temperature, rainwater, the action of frost and microorganisms	
Thinning of the earth's surface by the action of moving agents (water, wind, waves)	
The material is settled when the velocity agents (water flow, waves) become slow.	
The movement of soil from the top of the slope to the bottom due to the pull of gravity.	
High temperatures in the mantle and core produce convective currents that are capable of propelling Earth crust.	
The plate is constantly moving causing collisions/splits change the shape of the earth's surface.	
Magma melts and heats out through a powerful eruption and forms a volcanic cone.	

#### 9.4 GEOHAZARD PHENOMENA

4. Match the correct diagram according to the phenomenon that occurs.



ACID RAIN

LANDSLIDE

TSUNAMI

QUICKSAND