

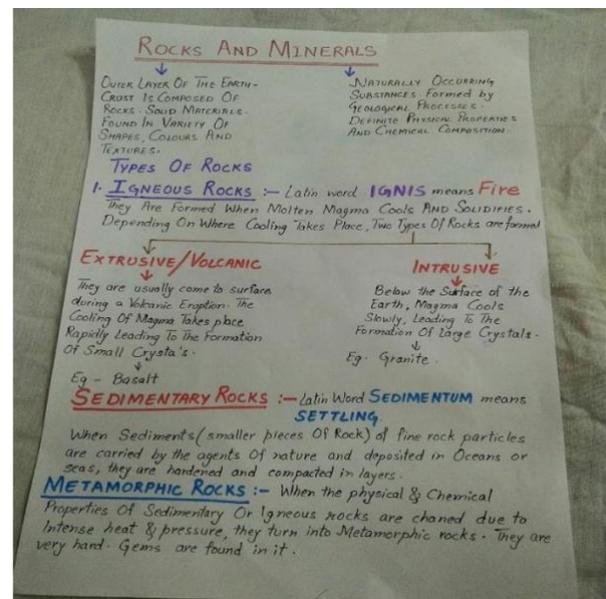
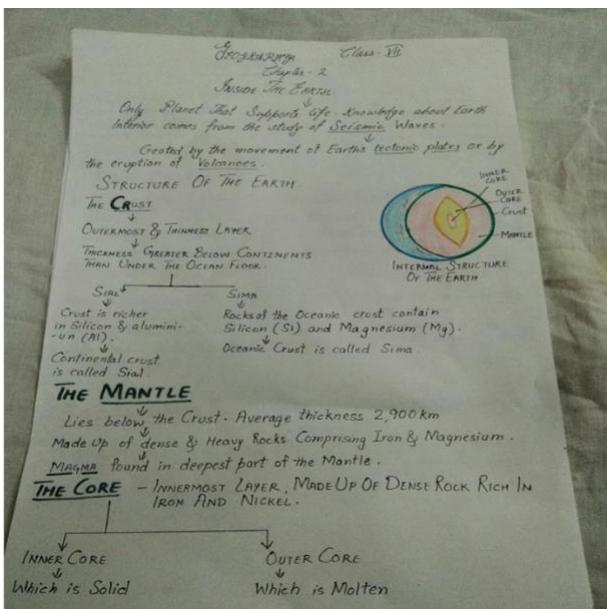
**North Ex Public School**  
**(Session 2020-2021)**  
**Subject- Geography,**  
**Class VII, Chapters 2,**  
**Inside The Earth**  
**WORKSHEET NO. 5**

Before attempting this worksheet kindly go through the following link which will help you in attempting this worksheet

**NOTE: if students are not having printer facility at home , they can copy the worksheet in a separate notebook and can write answers in that copy.**

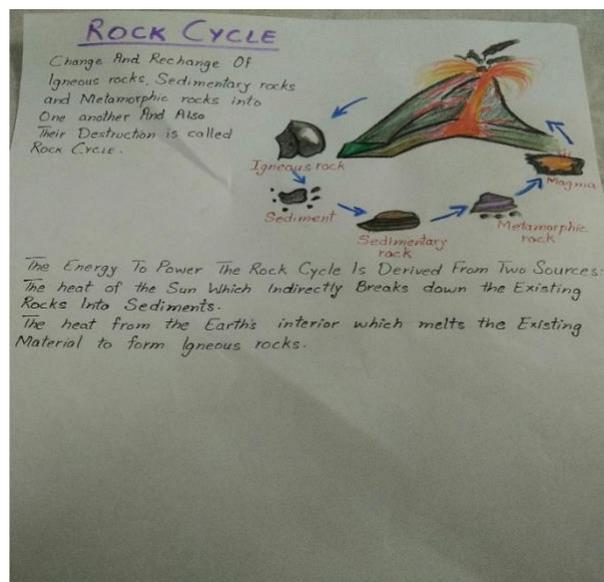
**LINK : <https://youtu.be/hoiZhi1nbXk>**

**Topic -Inside The Earth**



## Questions.

- 1) Name the three types of rocks.
- 2) How are metamorphic rocks are formed?
- 3) With the help of a diagram, explain the rock cycle.
- 4) Distinguish between
  - A. Extrusive rocks and Intrusive rocks
  - B. Mineral and Ore
- 5) What are rocks? What are the three main types of rocks? How are they formed?



- 6) Write briefly on the three main layers of the Earth .Give a suitable diagram to explain it.
- 7) Gems are found in which layer.
- 8) Fill in the blanks.
  - A. The -----is a solid outer layer of the earth.
  - B. The temperature is the highest in -----layer of the earth.
  - C. Igneous rocks are formed by the cooling and solidification of-----

9) Name the following.

- A. A type of rock that is named after a Latin word meaning 'of fire'
- B. A type of rock that is named after a Latin word meaning, settling down.
- C. A type of rock that is named after a Greek word meaning change of forms.

## ANSWERS

- 1) Igneous rock, Sedimentary rock, Metamorphic rock.
- 2) When the physical and chemical properties of sedimentary or igneous rocks are changed due to Intense heat and pressure they turn into Metamorphic rocks.
- 3) Change and recharge of Igneous rocks, Sedimentary rocks and metamorphic rocks into one another and also their destruction is called Rock cycle. (diagram from notes).
- 4)
  - a. Extrusive rock :-They are usually come to surface during a volcanic eruption. The cooling of magma takes place rapidly leading to the formation of small Crystals.
  - b. Intrusive rock :-Below the surface of the Earth, Magma cools slowly, leading to the formation of large crystals.
- 5) Outer layer of the earth crust is composed of rocks. Types of soil :-
  - a. IGNEOUS ROCK:-They are formed when molten magma cools and solidifies.
  - b. SEDIMENTARY ROCK:-When Sediments of fine rock particles are carried by the agent of nature and deposited in oceans or seas, they are hardened and compacted in layers.
  - c. METAMORPHIC ROCK:- When the physical and chemical properties of sedimentary or igneous rocks are changed due to intense heat and pressure they turn into metamorphic rocks.
- 6) (Refer Notes for Diagram)
  - a. The Crust :-Outer most and thinnest layer that forms the continents and oceans.

- b. The Mantle :-The middle layer of the earth located between the core and the crust.
  - c. The Core:-The innermost layer of the earth which is made of dense rocks.
- 7) Metamorphic rock
- 8)
- a. Crust
  - b. Core
  - c. Magma
- 9)
- a. Igneous rocks
  - b. Sedimentary
  - c. Metamorphic