

The Different Types Of Rocks

For all the young and enthusiastic future geologists, here is an exciting activity-based worksheet on the different types of rocks and how they are formed. The definitions are easy to understand and suitable examples and images are given for each type of rock. Let's get started and explore the world of rocks.

The three main types of rocks include igneous rock, sedimentary rocks, and metamorphic rocks. Let us learn about each type of rock.

IGNEOUS ROCKS:

Igneous rocks are rocks that are formed from melted rocks (Magma) that have eventually solidified on cooling down. Examples include Basalt, Granite, and Pumice.



SEDIMENTARY ROCKS:

Sedimentary rocks are rocks that are formed by the accumulation of sediments (layered). The sediments include fragments of minerals, rocks, plants, and animals. Examples include Chalk, Sandstone, and Siltstone.



METAMORPHIC ROCKS:










Metamorphic rocks are Igneous and Sedimentary rocks that have undergone change due to immense pressure or heat. Examples include Quartzite, Marble, and Granulite.



Interesting Facts about the Different Types of Rocks

- Out of the three types of rocks, Sedimentary rocks contain fossils.
- Igneous (igneous rocks) originates from the Latin word "Ignis," meaning "of fire."
- Metamorphic rocks occur within the Earth's crust.
- Igneous rocks are often formed due to volcanic eruptions.
- Sedimentary rocks generally form on the Earth's surface (either land or water).
- Layers of sedimentary rocks are collectively known as STRATA.

Label each image with its type of rock.

Images	Rock Types
	
	
	
	
	
	
	
	
	

Answer the following questions.

1 What are sedimentary rocks?

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2 How are metamorphic rocks formed?

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3 Give a few examples of igneous rocks?

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4 Where are sedimentary rocks generally found?

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5 What is a Strata?

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6 Which rock contains fossils?

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7 Give a few examples of metamorphic rocks?

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8 Where does the word Igneous originate from?

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9 Chalk is an example of which rock type?

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10 Where do metamorphic rocks generally occur?

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