

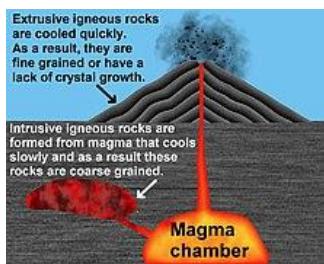
# Rocks!

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## Introduction

Welcome to the AMAZING world of rocks!



Did you know that your life is full of rocks?

We used rocks in many different ways!

Rocks are super FUN!

## Igneous rock:

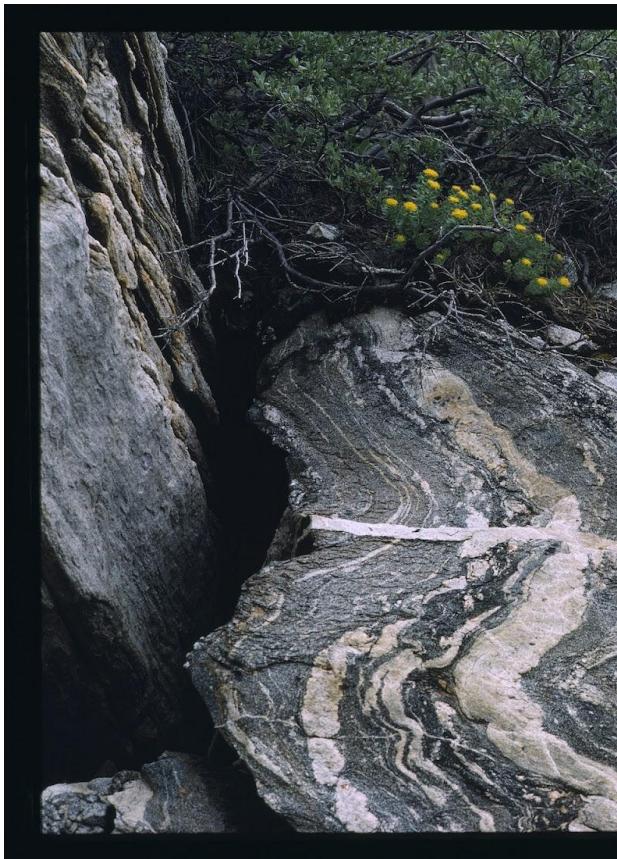
Igneous rocks (from the Latin word for fire) form when hot, molten rock crystallizes and solidifies. The melt originates deep within the Earth near active plate boundaries or hot spots, then rises toward the surface.



## Metamorphic rock:

Metamorphic rocks started out as some other type of rock, but have been substantially changed from their original igneous, sedimentary, or earlier metamorphic form. Metamorphic rocks form when rocks are subjected to high heat, high pressure, hot mineral-rich fluids or, more commonly, some combination of these

factors.



We use rocks for anything.

Come and be a geologist like us to learn more about rocks!

Did you know that geologists chose to study rocks?

Did you know there are three different types of rocks:?

### **Sedimentary rock:**

Common sedimentary rocks include sandstone, limestone, and shale. These rocks often start as sediments carried in rivers and deposited in lakes and oceans. When buried, the sediments lose water and become cemented to form rock. Tuffaceous sandstones contain volcanic ash.



Read on to learn more about rocks!

## Igneous rocks

Igneous rocks are formed from molten rock.

There are 2 types of Igneous rocks:

Extrusive (cools quickly) and Intrusive rocks (cools slowly). Igneous rocks can be smooth or bumpy. Some Igneous rocks are made inside the Earth's, while others form on the Earth's surface. They feel rough and hard, like a scratchy surface. We can use Igneous rocks for making building and cleaning your skin.

Read on to learn more about the three other types of rocks!

of heat and pressure?

## Metamorphic Rocks



Metamorphic rocks can be used for roads,tiles,statues.

Next time you look at a statue it might be a metamorphic rock!

## Metamorphic rocks

Metamorphic rocks are special because they are made from other rocks.

Did you know that the word metamorphosis means to change? Metamorphic rocks are made from Igneous and Sedimentary rocks. There are 12 different types of metamorphic rocks. Examples of metamorphic rocks are soapstone and slate. Did you know that metamorphic rocks have been through lot's

