



**Unit 3 Rocks, the rock cycle and soil**

**Study sheet #2**

Name :

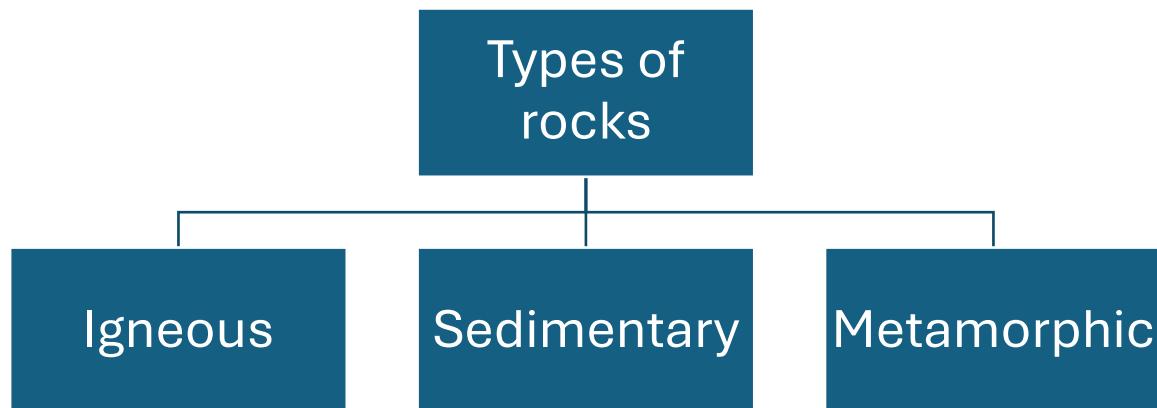
Subject:

Class: **Fifth grade**

Date:

**What are igneous rocks made of?**

\*There are three types of rocks on Earth:

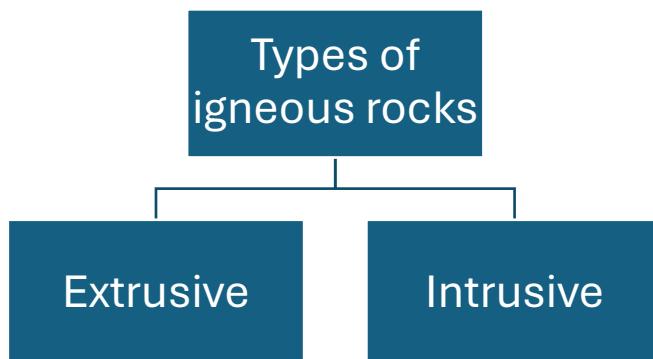


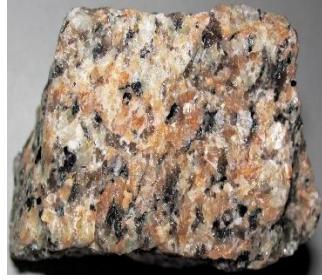
### **1-Igneous rocks**

Igneous rocks form when magma from a volcano cool and turns into a solid. This process is called **solidification**.

\*As the hot rock cools down to form igneous rocks, crystals form inside the rocks.

**There are two kinds of igneous rocks:**



| Type of igneous rocks       | Intrusive (inside or within the Earth's crust (magma))                             | Extrusive (outside the Earth's crust (lava))   |
|-----------------------------|--|--|
| Time takes to form crystals | Cools down slowly (more time)  | Cools down quickly (less time )  |
| Size of crystals            | Large enough to see with the naked eye   | Too small to see with the naked eye  |
| Example                     | Granite  | Basalt   |
| Picture for the rock        |  |  |