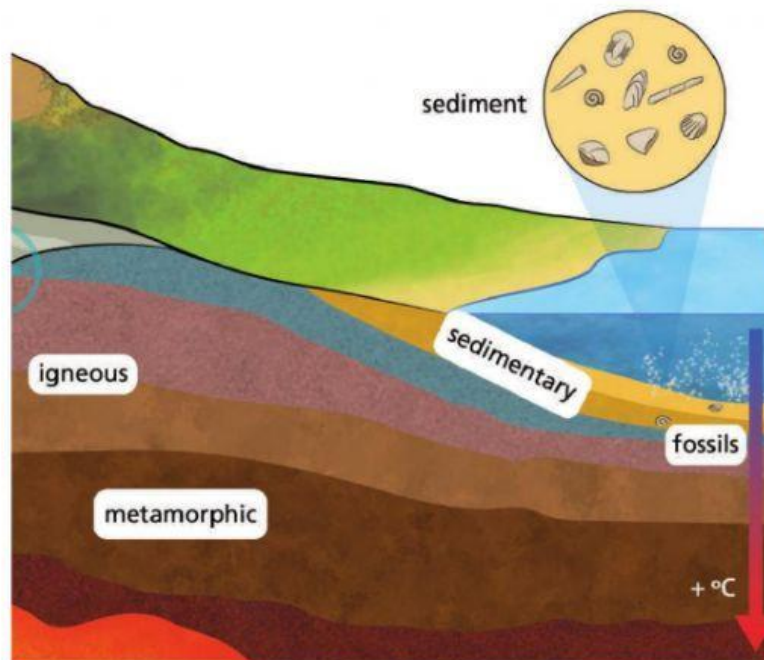


# MINERALS

We can find several types of minerals of many different colors and sizes in rocks. This is because there are over 4000 types of minerals in the world.

We classify minerals according to their chemical composition.



“Pure” minerals are called ELEMENTS.

These only contain one component. **DIAMONDS** belong in this category.



**SULPHATES** are fragile minerals that contain sulphur, oxygen and another metal. **GYPSUM**, which is used in fertilizers, is a soft sulphate.



**OXIDES** are mixtures of metals and oxygen that vary in hardness and color. **Rubies**, used in jewelry, belong in this category.



### 1. Choose the correct option:

- a. Diamonds are **rocks / minerals**
- b. There are over 4 000 types of **rocks / minerals** in the world.
- c. **Rocks / Minerals** are clusters of **rocks / minerals** and other inorganic materials.
- d. **Rocks / Minerals** are structured crystals that have specific chemical components.
- e. There are three main types of **rocks / minerals**: igneous, sedimentary and metamorphic.
- f. Elements, sulphates and oxides are types of **rocks / minerals**.

## **2. Correct the mistakes**

a. Rocks and ~~magma~~ make up the Earth's crust.

minerals

b. ~~Fossils~~ are clusters of minerals and other inorganic ~~minerals~~.

c. Minerals are structured ~~rocks~~ that have specific chemical components.

d. The hot liquid contained inside volcanoes is called ~~lava~~.

e. ~~Crystal~~ is what we call magma when it is outside a volcano.