

ROCKS AND MINERALS

Rocks are clusters of **minerals** and other inorganic **materials**.

There are **three** main types of rocks: **igneous** rocks, sedimentary rocks and metamorphic rocks.

Match:

**metamorphic
rocks**

These rocks and fossils compact over million of years.

**sedimentary
rocks**

These rocks form when igneous and sedimentary rocks are pushed down by other layers of rock from above.

**igneous
rocks**

These rocks form when molten lava from volcanoes cools.

Minerals are structured **crystals** that have specific chemical components.

There are over 4000 types of **minerals** in the world. We classify minerals according to their chemical **composition**. Elements, sulphates and **oxides** are some **types** of minerals.

We can classify minerals according to their **physical** characteristics, too.

Circle the correct words to complete the sentences about rocks and minerals.

- 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**.

Types of rocks

Find different types of rocks.

C	T	U	W	E	Y	U	G	N	E	I	S	S	E
E	M	E	T	A	M	O	R	P	H	I	C	E	D
B	A	S	A	L	T	C	R	T	Y	F	F	D	T
F	E	R	O	B	S	I	D	I	A	N	N	I	L
C	T	O	F	R	C	R	C	A	G	U	B	M	I
C	I	C	S	A	N	D	S	T	O	N	E	E	M
I	Z	K	Q	S	L	A	T	E	R	S	P	N	E
F	G	S	N	B	T	S	L	M	E	D	W	T	S
T	R	A	X	D	C	H	B	A	Q	J	I	A	T
X	A	L	C	N	S	A	Q	R	C	K	F	R	O
M	N	T	Y	V	W	L	X	B	M	X	M	Y	N
C	I	Y	T	O	L	E	T	L	T	B	E	V	E
O	T	J	U	P	O	K	Q	E	L	G	Q	K	C
B	E	J	H	N	S	I	G	N	E	O	U	S	N

IGNEOUS

OBSIDIAN

BASALT

GRANITE

SEDIMENTARY

LIMESTONE

SANDSTONE

SHALE

ROCK SALT

METAMORPHIC

SLATE

GNEISS

MARBLE

