

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

