





UNIT 2: WHAT´S THE DIFFERENCE BETWEEN ROCKS AND MINERALS?



1. Match to make true sentences about the geosphere:

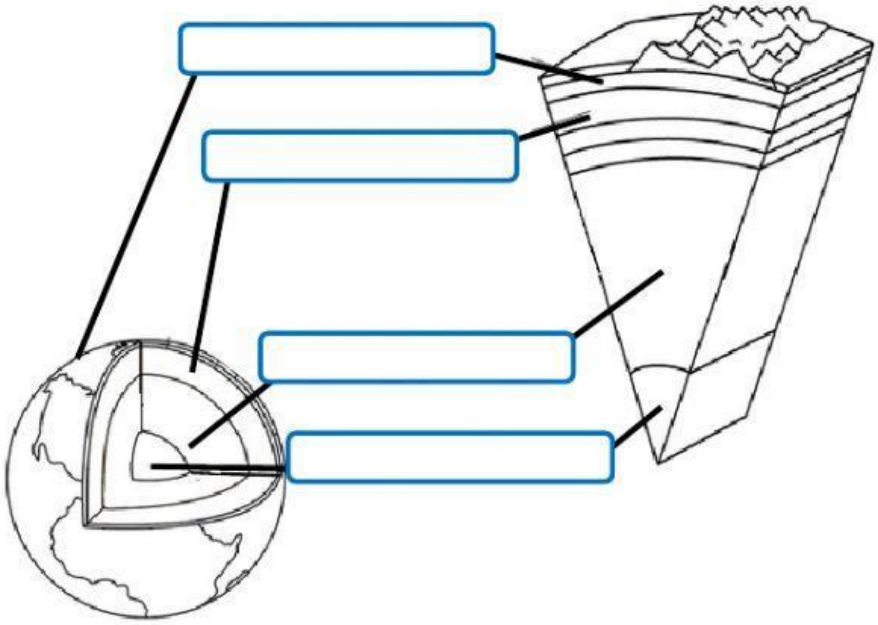


The inner core	is the thickest part of the geosphere
The outer core	is the hotest part of the geosphere
The mantle	is liquid
The crust	is the top layer of the geosphere

The inner core	is made up of magma
The outer core	is solid
The mantle	is the centre of the Earth
The crust	is the layer around the inner core

2. Label the diagram of the layers of the geosphere





3. Match to make true sentences:



marble	is made up of different materials
granite	is made up of only one material

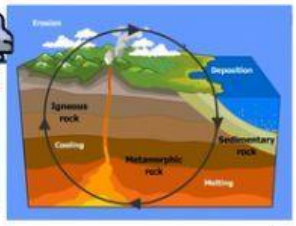
marble	is made up of quartz, feldspar and mica
granite	is made up of calcite



LIVEWORKSHEETS

4. Classify the following rocks :





limestone  granite  pumice  quartzite  gneiss 

shale  slate  basalt  sandstone  marble 

SEDIMENTARY ROCKS 	IGNEOUS ROCKS 	METAMORPHIC ROCKS

5. Read and complete the text with the words in the box below



compressed eruptions intrusive sedimentary solidify metamorphic mantle transformed three pressure settle magma

We classify rocks into _____ main groups. _____ rocks are formed by sediments that are carried by rivers and _____ at the bottom of lakes, seas or oceans. The sediments are _____ over million of years. They _____ and become rocks.

Igneous rocks are formed by the _____ in the Earth´s _____. When magma comes to the surface through the volcanic _____, it cools and form igneous rocks. Igneous rocks can also form below the Earth´s surface. These are called _____ rocks.

_____ are originally sedimentary or igneous rocks. These rocks are _____ by intense heat and _____ below the Earth´s surface.

6. Choose the correct option:



We use slate | chalk | granite | marble in floors and work surfaces 

We use marble | granite | slate | chalk in the roof of the houses 

We use slate | chalk | marble | granite to build houses 

7. Complete the descriptions of the lustre of these minerals



waxy Quartz Kaolinite vitreous dull metallic Jade Pyrite



_____ has a _____ lustre



_____ has a _____ lustre



_____ has a _____ lustre



_____ has a _____ lustre



LIVEWORKSHEETS

8. Match the characteristics to the descriptions:



Lustre 	another way of saying 'shininess'
Fracture 	how difficult it is to scratch a mineral
Hardness 	crystals break into different parts with a more uneven surface
Cleavage 	crystals break into different parts with flat surfaces



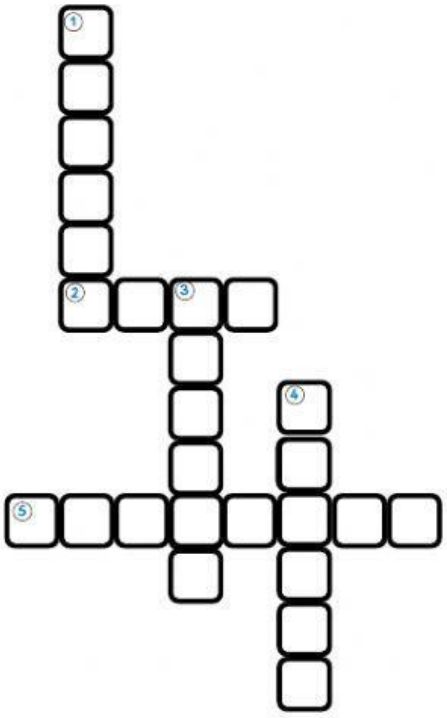
9. Complete the Mohs scale of hardness with the minerals in the box

Apatite 	Gypsum 	Talc 	Fluorite 	Topaz 
Feldspar 	Calcite 	Diamond 	Corundum 	Quartz 

1	2	3	4	5
6	7	8	9	10



9. Complete the crossword:



ACROSS

2. This is used in toasters
5. These are used to make things like computers

DOWN

1. This is used to make cement
3. This is used to make coins
4. This is used to make watches



LIVEWORKSHEETS