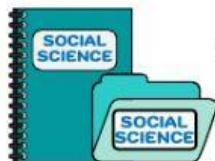




Let's review!



YEAR 4
UNIT 2: WHAT'S THE DIFFERENCE
BETWEEN ROCKS AND MINERALS?

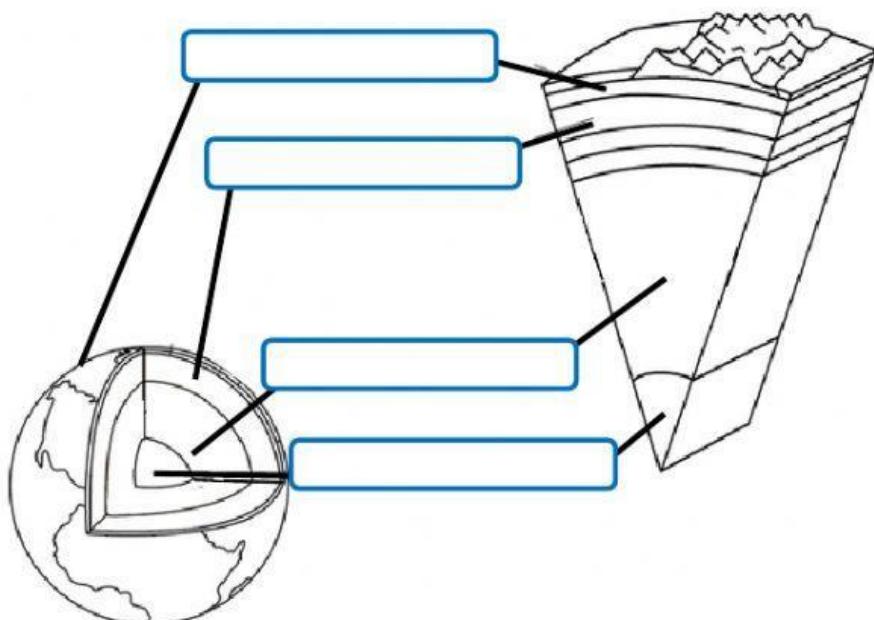


1. Match to make true sentences about the geosphere:

| | |
|----------------|---------------------------------------|
| The inner core | is the thickest part of the geosphere |
| The outer core | is the hottest 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



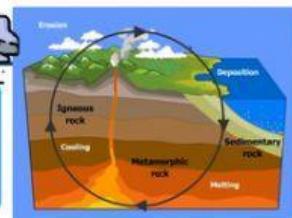
3. Match to make true sentences:

| | | |
|---------|--|---|
| 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 |



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 |
|--------|

8. Match the characteristics to the descriptions:

| | |
|----------|--|
| Lustre | |
| Fracture | |
| Hardness | |
| Cleavage | |

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



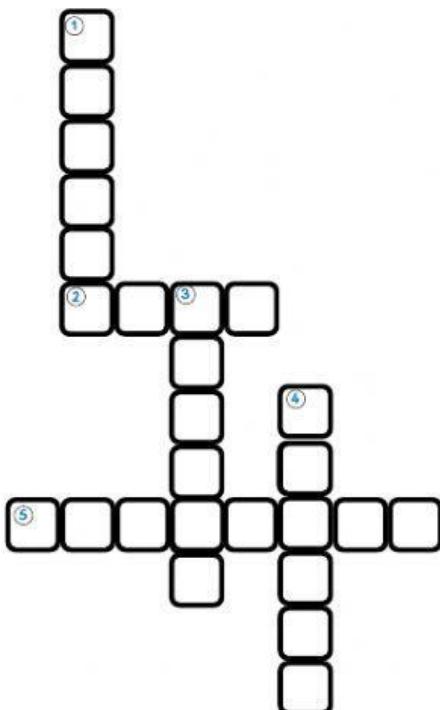
9. Complete the Mohs scale of hardness with the minerals in the box



| | | | | | | | | | |
|----------|--|---------|--|---------|--|----------|--|--------|--|
| Apatite | | Gypsum | | Talc | | Fluorite | | Topaz | |
| Feldspar | | Calcite | | Diamond | | Corundum | | Quartz | |

| | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|
| 1 | 2 | 3 | 4 | 5 |
| <input type="text"/> |
| 6 | 7 | 8 | 9 | 10 |
| <input type="text"/> |

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