8H Rocks

Draw a ring around a number of stars for each statement. If you are very confident about a statement, draw your ring around all the stars. If you do not know anything about a statement do not draw a ring.

| Topic | At the end of the unit: |  |
| --- | --- | --- |
| 8Ha | | |
|  | Recall some uses for rocks. | \* \* \* \* \* |
|  | State what minerals are. | \* \* \* \* \* |
|  | Describe the textures of some rocks. | \* \* \* \* \* |
|  | Explain why some rocks are porous. | \* \* \* \* \* |
|  | Relate features of a landscape to the wearing away of different rocks. | \* \* \* \* \* |
| 8Hb | | |
|  | Name some igneous rocks and describe how igneous rocks are formed. | \* \* \* \* \* |
|  | Explain how the crystal size in igneous rocks depends on cooling rate. | \* \* \* \* \* |
|  | Explain where you might find igneous rocks with small or large crystals. | \* \* \* \* \* |
|  | Name some metamorphic rocks and describe how metamorphic rocks are formed. | \* \* \* \* \* |
|  | Describe the textures and properties of igneous and metamorphic rocks. | \* \* \* \* \* |
| 8Hc | | |
|  | Explain how the three types of weathering break up rocks. | \* \* \* \* \* |
|  | Recall how weathered rocks are eroded and abraded. | \* \* \* \* \* |
|  | Explain why different rock fragment sizes are carried by water and wind. | \* \* \* \* \* |
| 8Hd | | |
|  | Describe the textures and properties of sedimentary rocks. | \* \* \* \* \* |
|  | Name some sedimentary rocks and describe how sedimentary rocks and fossils are formed. | \* \* \* \* \* |
|  | Use the rock cycle model to link the formation of different types of rock. | \* \* \* \* \* |
| 8Hd WS | | |
|  | Describe how the scientific method is used for sciences such as geology. | \* \* \* \* \* |
| 8He | | |
|  | Recall that some metals are found in their native states. | \* \* \* \* \* |
|  | Recall how metals are extracted from ores taken from the Earth’s crust. | \* \* \* \* \* |
|  | Explain the advantages of recycling metals. | \* \* \* \* \* |
|  | Describe some of the environmental effects of mining. | \* \* \* \* \* |

What could you do to improve?