

**Chapter 2: Mineral & Rocks**

**Read and highlight pp. 32-37.**

1. What are mineral resources?

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\_\_\_\_\_  
\_\_\_\_\_

2. Why are fossil fuels not considered minerals?

\_\_\_\_\_  
\_\_\_\_\_

3. What are minerals?

\_\_\_\_\_  
\_\_\_\_\_

4. List and define 7 chemical or physical properties of minerals.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. From 1-10: List the Mohs' Hardness scale (minerals only)

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

6. If the mass of a mineral is 10.2 g and the volume is 3.3 ml.. what is the specific gravity? ( specific gravity has no unit)

\_\_\_\_\_

7. If the specific gravity of a mineral is 5.6 and the mass is 37.2g, what is the volume?

\_\_\_\_\_

8. If a mineral reflects back all light, what type of luster does it have?

\_\_\_\_\_

**Read and highlight pp. 45-59**

9. Geologists classify rocks according to their \_\_\_\_\_.

10. Igneous rocks: \_\_\_\_\_

\_\_\_\_\_

felsic: \_\_\_\_\_

mafic: \_\_\_\_\_

vesicular: \_\_\_\_\_

plutonic: \_\_\_\_\_

extrusive: \_\_\_\_\_

Two characteristics needed for classification:

11. Sedimentary Rock:

\_\_\_\_\_

organic: \_\_\_\_\_

bioclastic: \_\_\_\_\_

clastic: \_\_\_\_\_

fossils: \_\_\_\_\_

12. Metamorphic Rock:

\_\_\_\_\_

foliation: \_\_\_\_\_

banding: \_\_\_\_\_

Contact Metamorphism: \_\_\_\_\_

\_\_\_\_\_

13. Paraphrase the concept of the Rock Cycle (ESRT p6)

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

14. Page 59: What is the big idea of "Natural Resources"?

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\_\_\_\_\_

**15. Know ALL vocabulary listed at the start of the unit.**