

## Chapter 8 Study Guide

1. What determines a rock's texture?
2. Which igneous rock is used to make surgical scalpels?
3. Why do grains in sandstone hold together?
4. How are chemical sedimentary rock and fossiliferous sedimentary rock formed?
5. Which types of rock can weather and form sedimentary rocks?
6. What is weathering?
7. What type of metamorphic rock is gneiss?
8. What is stratification?
9. What type of igneous rock is basalt?
10. What type of sedimentary rock is sandstone?
11. What are the 5 steps of the sedimentary rock cycle?
12. What causes coarse-grained igneous rocks to form?
13. How are metamorphic, sedimentary and igneous rocks formed?
14. Where does contact metamorphism occur?
15. Most fossils come from animals that lived where?
16. How is fossiliferous limestone formed?
17. Where does chemical limestone form?
18. How is fine grained igneous rock formed?
19. What type of igneous rock is granite?
20. What are 3 ways rock can melt?
21. How is a rock's texture described?
22. What is regional metamorphism?
23. What type of metamorphic rock is marble?
24. How is metamorphic rock classified?