Directed Reading B

SECTION: THE ROCK CYCLE

1. C
2. B
3. A
4. D
5. C
6. A
7. D
8. A
9. sedimentary
10. metamorphic
11. igneous
12. magma
13. A
14. B
15. A
16. B
17. D
18. A
19. D
20. B
21. A
22. B

SECTION: IGNEOUS ROCK

1. A
2. D
3. C
4. B
5. D
6. A
7. crystals
8. felsic rocks
9. mafic rocks
10. cooled
11. fine
12. A
13. A
14. D
15. B
16. C
17. D
18. A
19. B

SECTION: SEDIMENTARY ROCK

1. weather
2. sediment
3. erosion
4. surface
5. dissolved minerals
6. strata
7. C
8. D
9. B
10. A
11. C
12. C
13. A
14. D
15. fossils
16. coral
17. reefs
18. fossiliferous limestone
19. coal
20. B
21. D
22. B

SECTION: METAMORPHIC ROCK

1. C
2. A
3. D
4. B
5. C
6. A
7. pressure
8. stable
9. index minerals
10. C
11. A
12. D
13. B
14. C
15. B
16. D
17. D
18. B

Vocabulary and Section Summary

SECTION: THE ROCK CYCLE

1. rock cycle: continual process by which new rock forms from old rock
2. rock: naturally occurring solid mixture of one or more minerals and organic matter
3. erosion: the process by which sediment is removed from its source
4. deposition: the process by which material is laid down
5. composition: the minerals a rock contains
6. texture: the quality of a rock that is based on the sizes, shapes, and positions of the rock's grains

SECTION: IGNEOUS ROCK

1. intrusive igneous rock: rock that is formed when magma pushes into surrounding rock beneath the Earth's surface
2. extrusive igneous rock: rock that forms when magma erupts onto the Earth's surface

SECTION: SEDIMENTARY ROCK

1. strata: layers found in sedimentary rock
2. stratification: the process in which sedimentary rocks are arranged in layers

SECTION: METAMORPHIC ROCK

1. foliated: the texture of metamorphic rock in which the minerals are arranged in planes or bands
2. nonfoliated: the texture of metamorphic rock in which the mineral grains are not arranged in planes or bands

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