

# **FLOODED** Chapter Vocabulary

IN ORDER OF APPEARANCE

Use this list to make vocabulary assignments (e.g., for quizzes and exams) for your students as they proceed through the text. The vocabulary words are listed in the order they appear in the text.

NOTE: The definitions are found in the Glossary and, in some cases, in the Chapter text. When an abbreviated definition of a word is given in the text, have the students memorize the technical definition from the Glossary instead, if it is available.



## Part 1—Flooded with Creativity: The World Before the Flood

### INTRODUCTION

1. Science
2. Biology
3. Astronomy
4. Nomology
5. Physics
6. Geology
7. Naturalist
8. Evolution
9. Kind
10. Mature Creation
11. Taxonomy
12. Zoology
13. Curse

8. Body fossil
9. Trace fossil
10. Mold fossil
11. Cast fossil
12. Petrology
13. Lithify
14. Sediment
15. Sedimentology
16. Sedimentary rock
17. Secular
18. Permineralization
19. Petrification
20. Organic
21. Paleontology
22. Excavation
23. Cretaceous
24. Dinosaur
25. Mesozoic (rock layers)
26. Erode
27. Erosion
28. Geologic column
29. Cenozoic (rock layers)
30. Paleozoic (rock layers)
31. Pre-Cambrian (rock layers)
32. Habitat
33. Oceanography
34. Arthropod
35. Brachiopod
36. Cephalopod
37. Fish
38. Amphibian
39. Mammal
40. Entomology
41. Invertebrate
42. Extinct
43. Extant
44. Scientific prediction
45. Mollusk
46. Malacology
47. Marine
48. Herpetology
49. Vertebrate
50. Cynodont
51. Reptile

### CHAPTER 1

1. Botany
2. Herbivore
3. Taphonomy
4. Fossil record
5. Fossil
6. Microfossil
7. Fossilization



- 52. Ornithischian
- 53. Ceratopsid
- 54. Saurischian
- 55. Theropod
- 56. Carnivore
- 57. Bipedal
- 58. Sauropod
- 59. Quadruped
- 60. Behemoth
- 61. Cavity
- 62. Plesiosaur
- 63. Mosasaur
- 64. Ichthyosaur
- 65. Catastrophism
- 66. Uniformitarianism
- 67. Leviathan
- 68. Bioluminescence
- 69. Dorsal fin
- 70. Vertebrae
- 71. Serrated
- 72. Pterosaur
- 73. Mammalogy
- 74. Ornithology
- 75. Transitional fossil
- 76. Diapsid
- 77. Clade
- 78. Cladistics
- 79. Continuity
- 80. Discontinuity
- 81. Creationist
- 82. Baraminology
- 83. Calamite
- 84. Angiosperm

- 85. Gymnosperm
- 86. Stratum
- 87. Protist

- 20. Rodinia
- 21. Firmament
- 22. Expanse

## CHAPTER 2

1. Giant
2. Cubit
3. Paleoanthropology
4. Subduction
5. Mantle
6. Archaeology
7. Genome

## CHAPTER 3

1. Continental drift
2. Geography
3. Core
4. Crust
5. Tectonic plate
6. Plate Tectonics
7. Seismic
8. Seismology
9. Convergence
10. Volcanology
11. Ocean trench
12. Transform
13. Divergence
14. Magma
15. Mid-ocean ridge
16. Epicenter
17. Seafloor spreading
18. Polarity (in magnets)
19. Pangaea



# Part 2—Flooded with Water: The Deluge

## CHAPTER 4

1. Genealogy
2. Assumption (in science)
3. Catastrophic Plate Tectonics
4. Steam
5. Eisegesis
6. Exegesis
7. Radiometric dating
8. Chemistry
9. Isotope
10. Radioactive isotope
11. Parent isotope
12. Decay
13. Radioactive decay
14. Daughter isotope
15. Accelerated
16. Leaching
17. Igneous rock
18. Half-life
19. Differential rotation
20. Operational science
21. Observational science
22. Experimental science
23. Historical science



- 24. Scientific theory
- 25. Sedimentation
- 26. Lamination
- 27. Lithification
- 28. Cementing agent
- 29. Varve
- 30. Peat
- 31. Extremophile
- 32. Meteorite
- 33. Meteor

## CHAPTER 5

- 1. Global (Flood)
- 2. Falsify
- 3. Marine fossil
- 4. Aspiration
- 5. Cambrian Explosion
- 6. Polystrate fossil
- 7. Sandstone
- 8. Deposition
- 9. Seismite
- 10. Lance Formation
- 11. Fluid avulsion structure

## CHAPTER 6

- 1. Polar ice cap
- 2. Petroglyph
- 3. Articulated (skeleton)
- 4. Femur
- 5. Engineering
- 6. Mortise and tenon
- 7. Gopher wood
- 8. Quarry
- 9. Disarticulated (skeleton)

- 10. Ichthyology
- 11. Saltwater fish
- 12. Excrete
- 13. Freshwater fish
- 14. Concentrate (salt)
- 15. Halocline
- 16. Salinity
- 17. Euryhaline
- 18. Spawn
- 19. Acclimation
- 20. Hybridization
- 21. Asexual
- 22. Macroevolution
- 23. Microevolution

- 14. Global Warming
- 15. Paleolithic art
- 16. Paleoart
- 17. Constellation
- 18. Nocturnal
- 19. Diurnal
- 20. Incisor

## CHAPTER 8

- 1. Disperse
- 2. Anthropology
- 3. Pagoda
- 4. Ziggurat
- 5. Linguistic
- 6. Quaternary
- 7. Punnett Square
- 8. Heterozygous
- 9. Phenotype
- 10. Mitochondrial DNA
- 11. DNA
- 12. Mitochondrion
- 13. Genetic mutation
- 14. Chromosome
- 15. Y-Chromosome
- 16. Cave

## CHAPTER 7

- 1. Ice Age
- 2. Ice Advance
- 3. Meteorology
- 4. Striation
- 5. Till
- 6. Moraine
- 7. Evaporation
- 8. Pleistocene
- 9. Holocene
- 10. Annual
- 11. Ice core
- 12. Explanatory power
- 13. Disharmonious associations

## CHAPTER 9

- 1. Cavern
- 2. Speleology
- 3. Karst cave
- 4. Solution cave
- 5. Dissolution
- 6. Limestone
- 7. Carbonic Acid Dissolution



## Part 3—Flooded with Ice: The Ice Age



- 8. Hypogene speleogenesis
- 9. Sulfuric acid dissolution
- 10. Feeder (cave formation)
- 11. Channel (cave formation)
- 12. Cupola
- 13. Gypsum
- 14. Speleothem
- 15. Secondary feature (in caves)
- 16. Stalagmite
- 17. Stalactite
- 18. Soda straw
- 19. Column
- 20. Cave bacon
- 21. Flow stone
- 22. Cave pearl
- 23. Iron Age
- 24. Bronze Age
- 25. Nomad
- 26. Stone Age
- 27. Echolocation

## CHAPTER 10

- 1. Original horizontality (geologic principle)
- 2. Horizontal
- 3. Viscous (fluid)
- 4. Superposition (geologic principle)
- 5. Cross-cutting (geologic principle)
- 6. Intrusion (igneous)
- 7. Sand wave
- 8. Great Unconformity



## Part 4—Flooded with Grace:

### The Rainbow

#### CONCLUSION

- 1. Holy
- 2. Obedient faith
- 3. Grace

