

Unit 4 Study Guide

Complete on a separate piece of paper

1. What were the primary gases in each of Earth's atmospheres?
2. What is the significance of cyanobacteria?
3. What are the primary gases in our current day atmosphere.
4. What is the largest carbon reservoir?
5. What is the definition of photosynthesis?
6. What is the definition of cellular respiration?
7. Where does photosynthesis take place? (cell and organelle)
8. Where does cellular respiration take place? (cell and organelle)
9. What caused early earth to heat up?
10. Where does all energy come from?
11. Where does the CO₂ in the atmosphere come from?
12. What are the inputs and outputs for photosynthesis?
13. What are the inputs and outputs for cellular respiration?
14. How are photosynthesis and cellular respiration related?
15. How do carbon reservoirs relate to life forming?
16. How does the atmosphere change as you move toward outer space?
17. What is fermentation?
18. When does fermentation happen?
19. What are fossil fuels?
20. How are fossil fuels made?

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