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| **Lesson 1** |
| \_\_\_\_ \_\_\_\_ 1. Population explosion means \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 2. Mankind’s population jumped from 1 billion to 3 billion in \_\_\_\_\_\_ years |  |
| 3. What are three ways that the Industrial Revolution increased our population? |  |
| 4. \_\_\_\_\_\_\_\_\_\_\_\_ is the largest number of individuals of a species that the Earth can support for a long period of time |  |
| 5. What would happen if the human population exceeds our carrying capacity? |  |
| **Lesson 2** |
| 6. Name 3 consequences of reduced vegetation |  |
| 7. 30 to 50 percent of organisms live in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| 8. Know the Nitrogen Cycle, and what happens if there is too much nitrogen in an ecosystem |  |
| 9. \_\_\_\_\_\_\_\_\_\_\_ leads to habitat fragmentation, loss of farmland, and an increase in runoff. |  |
| 10. What is composting? |  |
| **Lesson 3** |
| 11. \_\_\_\_\_\_% of water used in the United States is used for public supply |  |
| 12. List three ways you can reduce water usage |  |
| 13. Circle the following that can be poured down the drain:Battery acid, white vinegar, bacon grease, jam, flushable wipes |  |
| 14. What is compost, and how can it help reduce water pollution? |  |
| 15. Runoff from farms, construction, or mining is \_\_\_\_\_\_\_\_\_\_\_\_\_\_ pollution |  |
| 16. Most of the water pollution comes from \_\_\_\_\_\_\_\_\_\_\_\_\_ pollution |  |
| 17. Give two examples of point-source pollution |  |
| 18. The pollution in Lake Erie improved because of cooperation from what two countries? |  |
| **Lesson 4** |
| 19. What is the level of the Air Quality Index where you should avoid prolonged exposure outside? |  |
| 20. \_\_\_\_\_\_\_\_\_\_\_\_ are what has eaten a hole in the Ozone layer |  |
| 21. List three sources that release carbon dioxide into the atmosphere |  |
| 22. What is photochemical smog? |  |
| 23. What law was passed in 1970 that sets limits on the amount of pollution released in the air? |  |
| 24. How is acid precipitation formed? |  |