

Name _____

Date _____

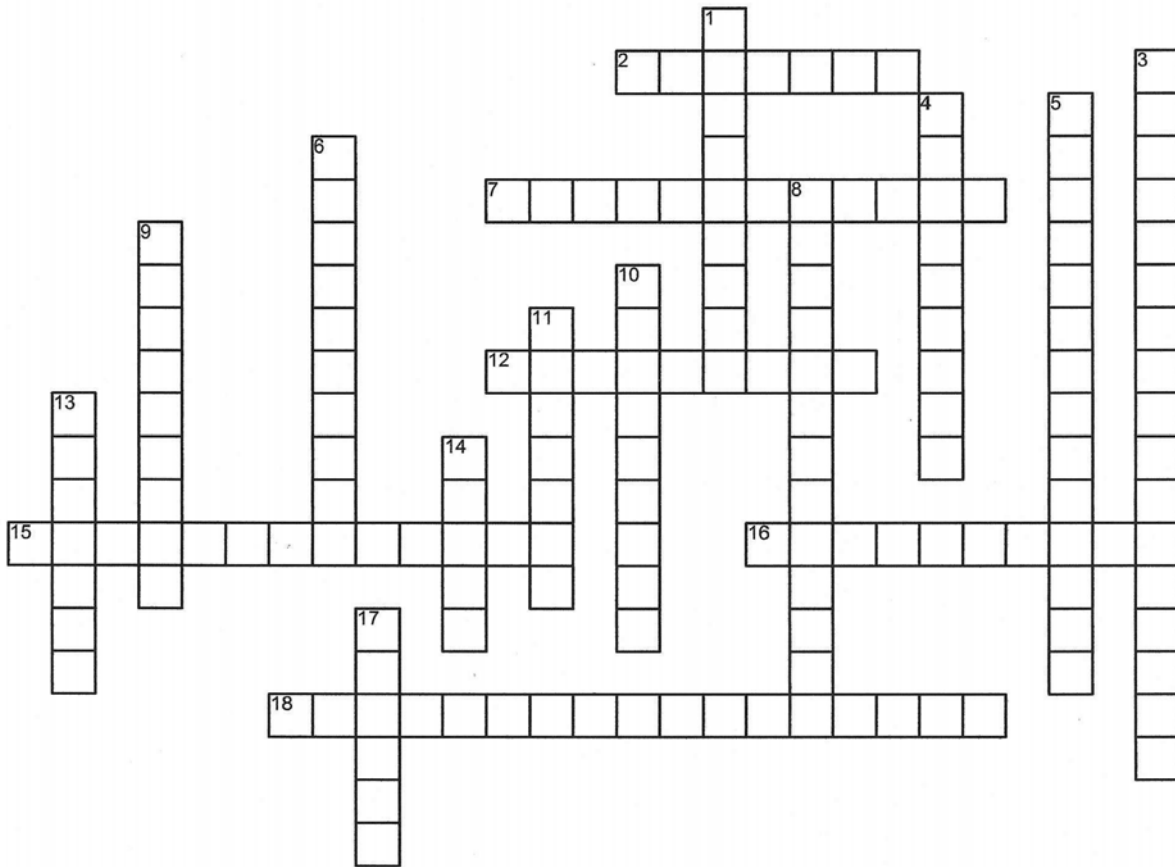
Integrated Science

Activity Packet #17

Directions: Complete the activities listed below. Neatly staple all answer sheets to this package. Be sure your name, date, class, and assignment are neatly written in the top right corner of each paper

1. Chapter 17
 - a. Section Assessment p 486
 - b. Section Assessment p 493
 - c. Section Assessment p 502
 - d. Skill Activity #17 p 758
 - e. Chapter 17 X-Word Puzzle (attached)
 - f. Chapter 17 Assessment pp 506-507, numbers 1-24
 - g. Chapter 17 Test Practice p 507, numbers 1-4

Chapter 17 X-Word



Across

2. study of interactions that take place among and between organisms and the physical features of the environment
7. living or once-living organisms in the environment
12. several populations of living organisms that interact with each other and depend on each other in a given area
15. the transfer of nitrogen from the atmosphere to plants and back to the atmosphere
16. the movement of water molecules on Earth between the atmosphere, land and oceans
18. a model used to describe the transfer of energy from the producers to the consumers in an ecosystem

Down

1. a model that describes the feeding relationships in a community
3. the size of the population that occupies an area of limited size
4. consists of a biotic community and the abiotic factors that affect it
5. any biotic or abiotic factor that restricts the number of individuals in a population
6. all the individuals of one species that lives in the same area at the same time
8. nonliving, physical features of the environment, including light, soil, water, and temperature
9. the part of the Earth that supports organisms, it includes all of the Earth's
10. any close relationship between two or more different species
11. a model used to describe a series of overlapping food chains in an ecosystem
13. the physical location where an organism lives
14. the role of an organism in an ecosystem, it includes what it eats and how it interacts with other organisms
17. large geographic areas with similar climates and ecosystems