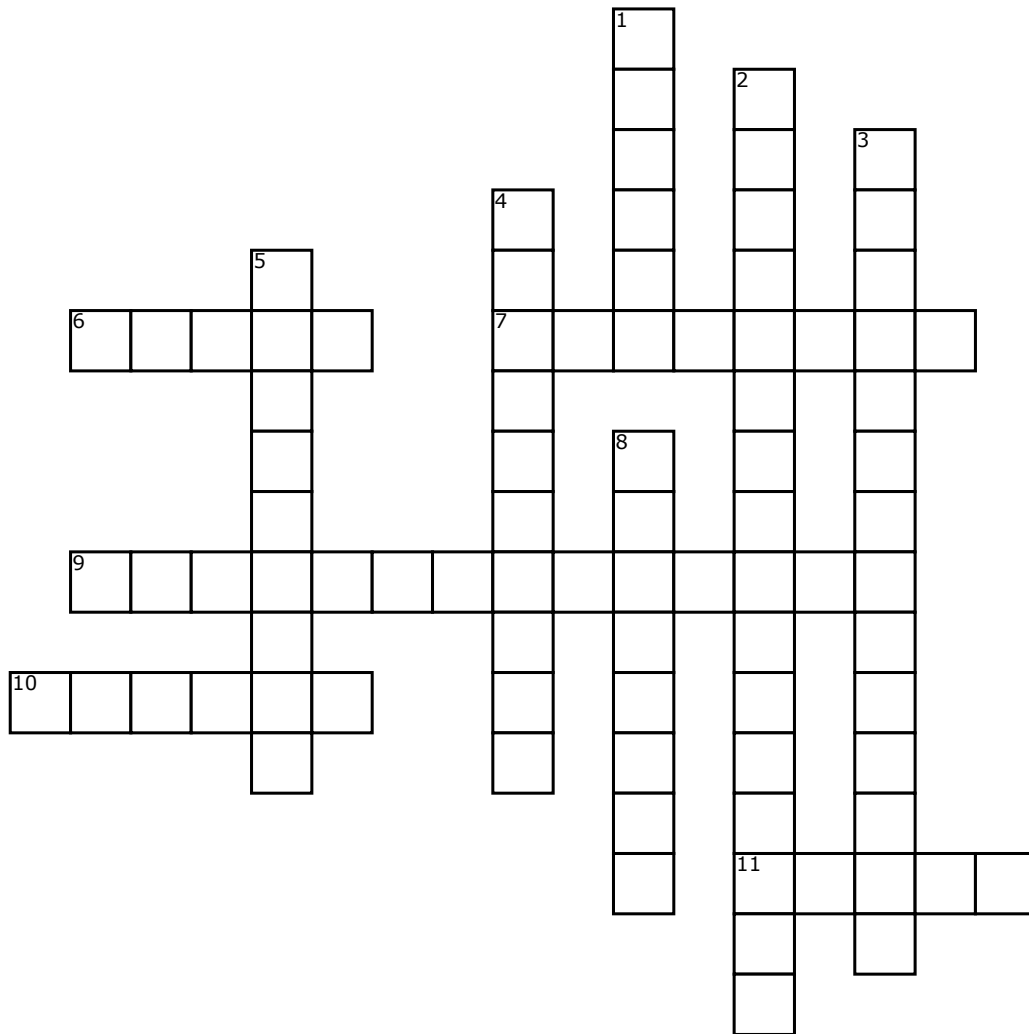Name: _____   Date: _____   Period: _____

Systems and Patterns

Across

6. the raw material that is put into a system for processing

7. repeated processes that are exhibited in a wide variety of ways; identifiable recurrences of the element and/or the form

9. a link in the circular chain of recycling events that promotes the use of products made with recycled materials

10. a group of related objects that work together to achieve a desired result

11. a general change, such as increasing or decreasing number

Down

1. the finished product or waste from a process

2. a group of related objects that have feedback and can modify themselves

3. a group of related objects that do not have feedback and cannot modify themselves

4. A _____ pattern has the same set of points repeated over and over in the same order.

5. a group of related objects that make up a larger system (e.g., automobiles have electrical systems, fuel systems)

8. the result when the output of the system alters inputs earlier in the system process

Word Bank

patterns	trend	subsystem	System
output	Input	openloopsystem	closedloopsystem
feedback	Closingtheloop	repetitive	