

## Lesson 3: What is a System?

### BBB: Systems

#### Purpose

Watch the video located at any one of the following addresses:

<http://goo.gl/KcOEq>

<http://vimeo.com/63268914>

<http://www.youtube.com/watch?v=DrdMmtgpcG8>



#### Your Progress:

- Mastery
- Proficient
- Developing
- Beginning

#### Word Wall:

System: \_\_\_\_\_

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#### Questions

1. Which of the following is not a part of the definition of a system agreed upon in class?

- a. Is made of parts.
- b. Is organized.
- c. Makes up a living thing.
- d. Working together
- e. Performs a task

2. (Multiple-Choice) Which characteristic of a system is causing Mr. Bingaman to have difficulty completing his task?

- a. The parts of a system have to be organized in the correct order in order to perform the task.
- b. A system has a specific input and output in order to function.
- c. All of the parts of the system are required to work together to perform the task.
- d. Systems can be divided into subsystems. These subsystems can themselves be looked at as a system.

3. What is the example of a system used in this video? \_\_\_\_\_

4. What is another example if a system you can think of on your own? \_\_\_\_\_

*(Continue on back)*

4. The system in the video is made of several subsystems. Look at the inputs and outputs shown in the table below and complete the table by filling in the component that matches that input and output.

Component	Input	Output
	Information from the game disc and the controllers.	Video and sound signals to the AVI cord.
	AC electricity from the outlet.	DC electricity for the console.
	Video and sound signals from the game console.	Video and sound signals to the TV.
	Movements from the players playing the game.	Information for the game console to decide what happens to the player.
	Electrical signal from the game console.	A beacon that allows the controller to know where the TV is.