

# Living Systems

Name: \_\_\_\_\_

Homework: Investigation 1 – Part 1

**Vocabulary:** Using the word bank below, write the correct word next to its definition.

system	subsystem	interacting	complex	simple
<input type="text"/>	An airplane, a train, a computer are examples of _____ systems. These systems have many subsystems.			
<input type="text"/>	When parts of a system work together to perform a function, the parts are _____ with each other to perform a function.			
<input type="text"/>	A suitcase, a pair of scissors, these are examples of _____ systems. These systems do not have many subsystems.			
<input type="text"/>	When a system is part of a larger system, the system inside the larger system is called a _____.			
<input type="text"/>	Any collection of interacting parts that work together to make a whole or produce or perform a function.			

**Systems:** For each system listed below, provide a list of interacting parts that make the system. Follow the example.

cell phone	refrigerator	car	bicycle
battery	<input type="text"/>	<input type="text"/>	<input type="text"/>
glass screen	<input type="text"/>	<input type="text"/>	<input type="text"/>
case	<input type="text"/>	<input type="text"/>	<input type="text"/>
power cord	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Think-About-It:** How can you identify a system?

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