

## 8<sup>th</sup> Grade Science Summer Assignment

### Biochemistry and Human Physiology

Your body is an incredible collection of interconnected systems. The muscular system is connected to the skeletal system and the nervous system to help you move. The digestive system is connected to the circulatory system and excretory system to help bring in nutrients and get rid of waste! It is one of the most finely tuned instruments in the whole world!

Your assignment this summer is to pay attention to it! Try to make observations about how your body responds to certain stimuli. Maybe you took a long hike and you started sweating and your heart rate increased. Maybe you ate too much ice cream and your stomach hurts! Whatever it might be, try to observe what systems are functioning and how they might be working together. Every week, I want you to write a short journal entry about the interconnected system that you observed that week!

#### Directions

1. Read a little bit more about your body systems here: <https://www.acls.net/study-guide-body-systems>
2. At the end of every week, reflect on what you did that week and try to think about a time that you noticed the interconnected systems of your body.
3. Write a short journal entry about your observation in the spaces below:

### Systems Journal

#### Week 1 Observations:

#### Week 2 Observations:

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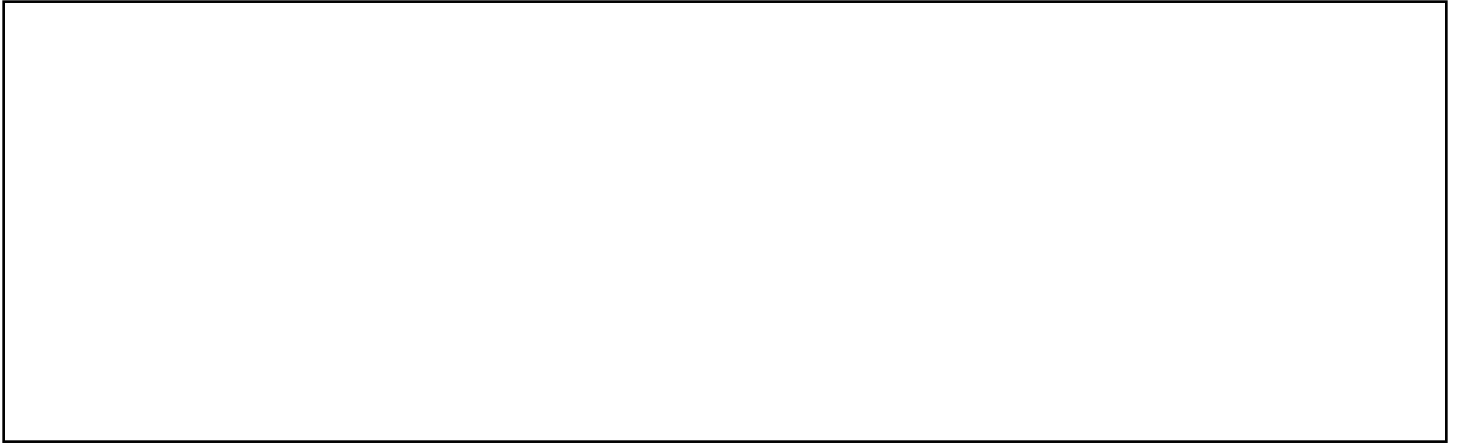
**Week 3 Observations:**

**Week 4 Observations:**

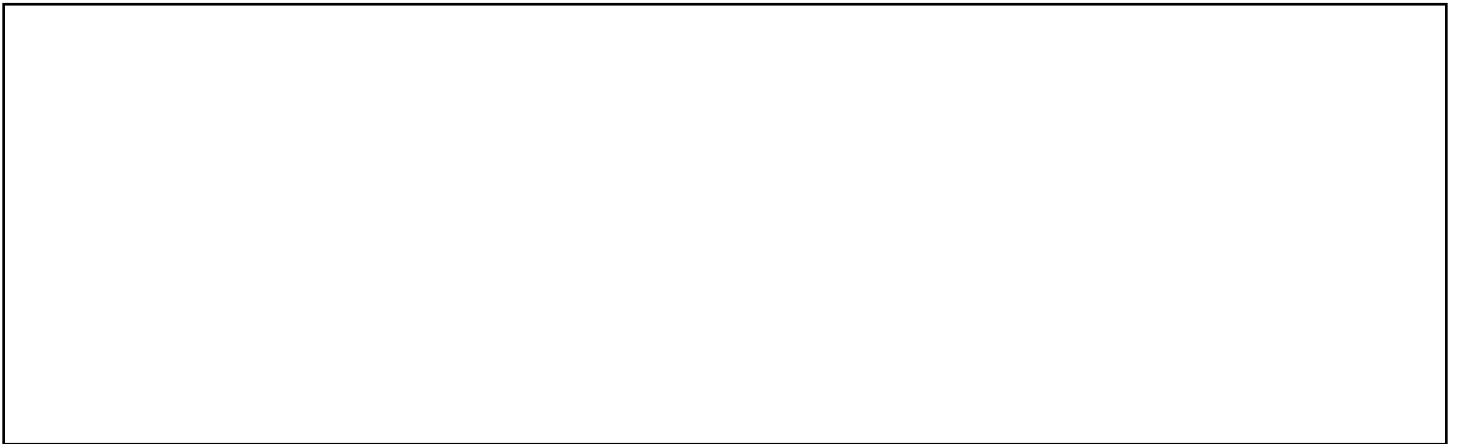
**Week 5 Observations:**

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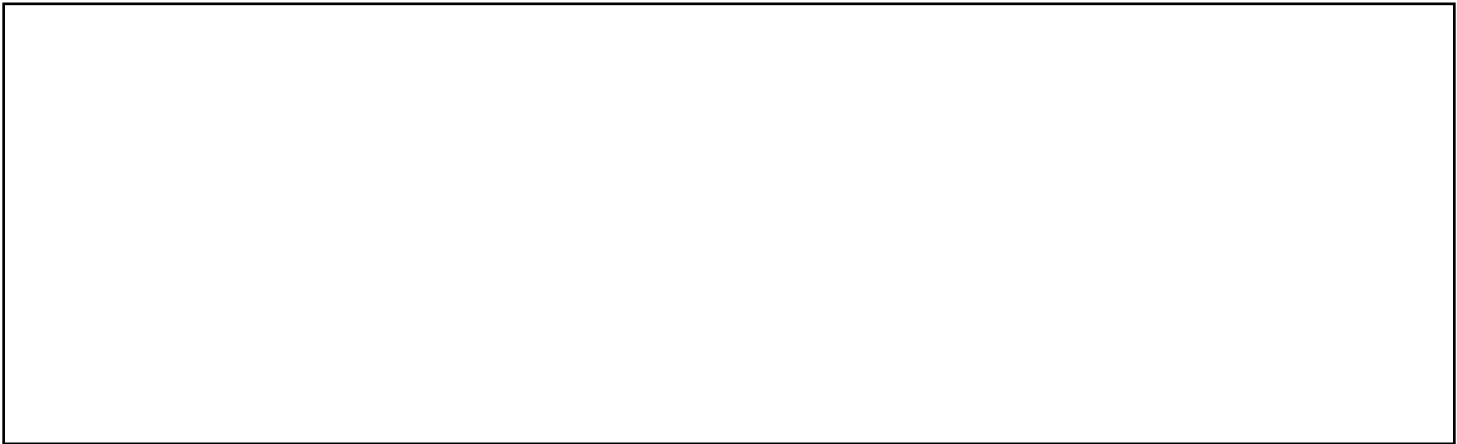
**Week 6 Observations:**

A large, empty rectangular box with a black border, intended for recording observations for Week 6.

**Week 7 Observations:**

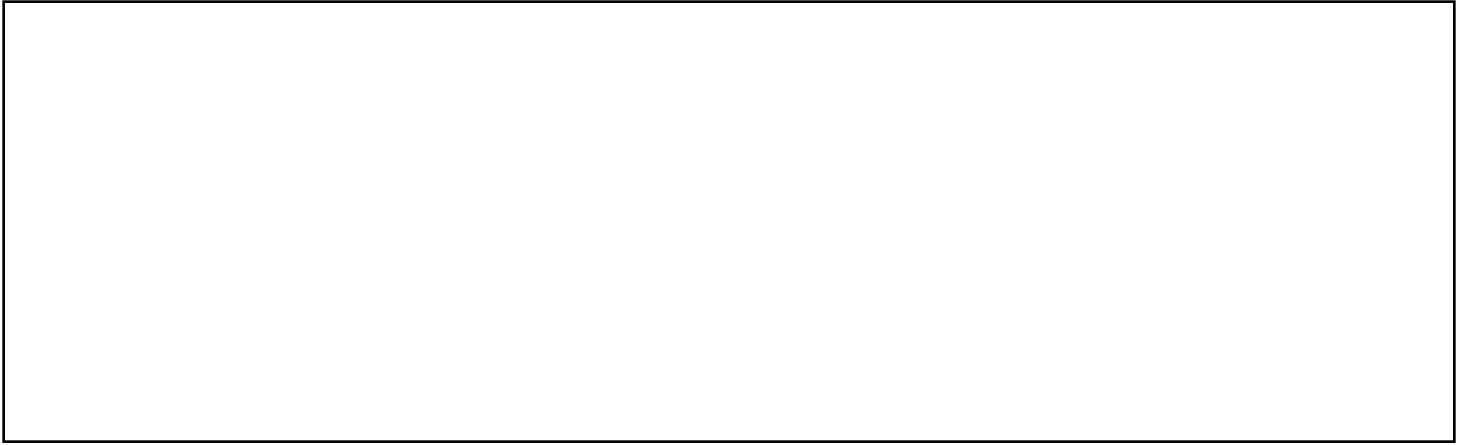
A large, empty rectangular box with a black border, intended for recording observations for Week 7.

**Week 8 Observations:**

A large, empty rectangular box with a black border, intended for recording observations for Week 8.

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**Week 9 Observations:**



**Week 10 Observations:**

