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Class Period: _____

Applications and Connections to the Laws of Gravity, Matter, and Energy

Directions:

Work in groups at your table to complete the following questions. Follow along during the power point presentation to fill in any notes necessary to complete this worksheet.

1. Label the following diagram of the water cycle.

2. Using a colored pencil or pen number at least one example of how each of the Laws of Nature listed below are illustrated by different parts of the water cycle.

<u>The Laws of Nature</u>	<u># on diagram</u>	<u>Explanation of how the law is working in the water cycle</u>
1. Law of Gravity	_____	_____
	_____	_____
2. Law of Matter	_____	_____
	_____	_____
3. 1 st Law of Energy	_____	_____
	_____	_____
4. Law of Sustainability	_____	_____
	_____	_____

Hydrological Cycle -or- Water Cycle Terminology

Condensation _____

Evaporation _____

Precipitation _____

Percolation _____

Transpiration _____

Runoff _____

Sublimation _____

Infiltration _____

Laws of Nature Definitions

1. Law of Gravity

2. Law of Matter

3.1st Law of Energy

4. Law of Sustainability