**The Water Cycle**

Research Assignment

Directions: Answer each of the following questions in your own words. Use information from the resources provided to answer the questions, but explain the answers in your own way. Be sure to provide examples to support your answers. Also, use complete sentences, capitalization, punctuation, correct spelling, and appropriate grammar.

As you work, find and insert images to support your answers. Remember to include resources (web addresses) for your images.

**Resource 1**

Brainpop: <https://www.brainpop.com/science/earthsystem/watercycle/>

1. What is surface water and what does the water from surface water do?

|  |
| --- |
|  |

2. What happens after water molecules collect in the clouds, and what can this look like?

|  |
| --- |
|  |

3. How is the water cycle like the circulatory system? What is the hydrosphere?

|  |
| --- |
|  |

4. Describe each of the following components of the water cycle.

|  |  |
| --- | --- |
| **Name** | **Description** |
| Sun |  |
| Precipitation |  |
| Runoff |  |
| Infiltration |  |
| Groundwater |  |

**Resource 2**

<https://www.natgeokids.com/uk/discover/science/nature/water-cycle/>

5. Summarize each part of the water cycle.

|  |  |
| --- | --- |
| **Part** | **Description** |
| Evaporation |  |
| Condensation |  |
| Precipitation  |  |
| Collection |  |

**Resource 3**

<https://www.nationalgeographic.org/encyclopedia/water-cycle/6th-grade/>

6. Where does water exist on Earth?

|  |
| --- |
|  |

7. What are the three major parts of the water cycle? Describe each part.

|  |  |  |
| --- | --- | --- |
|  | **Name** | **Description** |
| **Part 1** |  |  |
| **Part 2** |  |  |
| **Part 3** |  |  |

8. What are the other processes? Describe them.

|  |
| --- |
|  |

9. What are the states of water? Describe them.

|  |
| --- |
|  |

10. How does the water cycle influence climate?

|  |
| --- |
|  |

11. How does water cycle influence landscape?

|  |
| --- |
|  |

12. Explain reservoirs and residence time.

|  |
| --- |
|  |