**Background:**

**Delaware Water Gap Food Web**

Every organism is dependent on its environment to survive, however that does not paint the full story. Many of these interactions are complex and have more than one outcome. This all creates a diverse and unique view of the environment.

On another piece of paper, you will find a story that depicts the day to day struggles for life in the Delaware Water Gap. I would like you to document these struggles in a food web and on a table that categorizes each and every organism.

**Materials:**

* One large piece of paper
* Colored pencils
* Lab packet

**Procedure:**

1. Gather your lab partners and read through the Delaware Water Gap Story.
   1. Underline every organism that you read.
2. As you read the story, fill in data table 1 and data table 2. It will ask you to organize the organisms from the story. Do your absolute best to organize the organisms based on what is happening in the story.
3. Once you have accounted for all organisms, start to build a food web on your large piece of paper.
   1. Be sure to show the flow of energy though the food web.
   2. Draw, label and color all organisms.

**Data:**

Data table 1

|  |  |  |
| --- | --- | --- |
| **Producer** | **Consumer** | **Detritus Feeder** |
|  |  |  |

Data Table 2

|  |  |  |
| --- | --- | --- |
| **Primary Consumer** | **Secondary Consumer** | **Tertiary Consumer** |
|  |  |  |