**Ecology Scavenger Hunt and Presentation**

To culminate our study of ecology and community processes, you will be conducting a scavenger hunt to indentify real life examples of various concepts. Then, you will compile your pictures in a presentation of your choice.

**Step 1:**

Capture images of each of the concepts listed below. Each image can be used to illustrate only ONE concept.

Biotic factor Abiotic factor Producers

Consumers Decomposition Symbiosis (any type)

Succession (primary or secondary) Predation Competition

Indicator species OR Non-native species Adaptation Ecosystem service

 IMPORTANT NOTES:

* ALL images must be taken by you and/or your partners, either on the Butler campus or at your homes.
* NO HUMANS can be used to illustrate ANY of these concepts. No pets either.
* BEFORE YOU DECIDE ON A PICTURE TO CAPTURE, MAKE SURE YOU UNDERSTAND THE CONCEPT.

**Step 2:**

Create a digital presentation to display your images and explain the connections between them. Each image MUST explain how the image shows the concept being illustrated, AND A CONNECTION TO ANOTHER CONCEPT FROM THE LIST MUST ALSO BE EXPLAINED. The presentation may be in the form of a concept map, story, collage, slideshow, or video. Some presentation tools to consider:

* Keynote

**IF using school iPad:**

**iPad # \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Program \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**IMPORTANT!!**

**Use your own device if possible.** If using a school iPad, **DELETE** all of your images from the device when you have finished making your presentation!

* iMovie
* StoryKit
* Popplet
* Pic Collage
* Prezi

**Step 3:**

Share your presentation with me. My email address is shari.mudd@cms.k12.nc.us.

**Grading Rubric:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Concept** | **Image included****(1/2 pt.)** | **Image correct****(1/2 pt.)** | **Image explained****(1 pt.)** | **Connection explained****(1/2 pt.)** | **Comment** | **Total** |
| Biotic factor |  |  |  |  |  |  |
| Abiotic factor |  |  |  |  |  |  |
| Producers |  |  |  |  |  |  |
| Consumers |  |  |  |  |  |  |
| Decomposition |  |  |  |  |  |  |
| Symbiosis |  |  |  |  |  |  |
| Competition |  |  |  |  |  |  |
| Predation |  |  |  |  |  |  |
| Adaptation |  |  |  |  |  |  |
| Succession |  |  |  |  |  |  |
| Indicator/Non-native |  |  |  |  |  |  |
| Ecosystem service |  |  |  |  |  |  |
| **Creative / Effective use of presentation media (5 pts.)** |  |  |