

**Research OR Create Your Own Ecosystem Drawing**  
**DUE WED/THURS**

**Objective:** Draw an engaging scene that accurately represents a known ecosystem or an imaginary one that you create. You will be **sharing** your drawing with your table next class. **We will be adding to it next class as well!**

**Ideas of known ecosystems:**

<b>Table 2.1 Examples of Ecosystems</b>		
<b>Terrestrial Ecosystems</b>	<b>Aquatic Ecosystems</b>	<b>Other Sites for Ecosystems</b>
<ul style="list-style-type: none"> <li>• Forest</li> <li>• Old farm field</li> <li>• Meadow</li> <li>• Yard</li> <li>• Garden plot</li> <li>• Empty lot</li> <li>• Compost heap</li> <li>• Volcano site</li> <li>• Rotting log</li> </ul>	<p><b>Freshwater</b></p> <ul style="list-style-type: none"> <li>• Pond</li> <li>• Lake</li> <li>• Stream</li> <li>• Estuary</li> </ul> <p><b>Salt water (marine)</b></p> <ul style="list-style-type: none"> <li>• Ocean</li> <li>• Estuary</li> <li>• Aquarium</li> </ul>	<p><b>Human body</b></p> <ul style="list-style-type: none"> <li>• Skin</li> <li>• Intestine</li> <li>• Mouth</li> </ul> <p><b>Buildings</b></p> <ul style="list-style-type: none"> <li>• Mold in walls, floors, or basement</li> <li>• Ventilation systems</li> <li>• Bathrooms</li> </ul> <p><b>Food</b></p> <ul style="list-style-type: none"> <li>• Any moldy food</li> <li>• Refrigerator</li> </ul>

**Requirements for drawing on front (20 points)**

- Hand- drawn or printed if you choose to Photoshop. It should look like a scene!
- At least 6 different biotic factors (this is your biological community) **6 points**
- At least 4 different abiotic factors (Examples: temperature, precipitation, seasons, amount of sunlight, soil texture, amount of water, vegetation, atmosphere, etc) **4 points**
- One example of each type of symbiotic relationships: commensalism, mutualism, parasitism **6 points**
- Must be colored or thoughtfully shaded. Creativity and neatness\* **4 points**

**Requirements on back (15 points):**

- Where is it located? (Examples: underwater, on a mountain, in the jungle, in a desert, on another planet, etc.) **1 point**
- List of your 6 biotic factors and 4 abiotic factors **5 points**
- Description of the niche and habitat (where in the ecosystem does it live) for 3 of your biotic factors. **6 points**
- Description of the 3 symbiosis examples you chose. Make sure I can understand what your drew! **3 points**