Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Ms. Day Honors Biology

**Community Ecology (Species Interactions) PPT Guide #38 (\_\_\_\_/30)**

1. What is an organism’s niche?
2. How is a niche different than a habitat?
3. Fill in the table below:

|  |  |
| --- | --- |
| **Factors that affect Populations** | **EXAMPLE** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

1. How do predator-prey relationships affect populations?
2. Fill in the table:

|  |  |  |  |
| --- | --- | --- | --- |
| **Type of Species Interactions** | **Type of relationship?**  **+/+**  **+/-**  **+/0**  **or -/-** | **DEFINITION** | **EXAMPLE** |
| **Predation** |  |  |  |
| **Herbivory** |  |  |  |
| **Parasitism** |  |  |  |
| **Commensalism** |  |  |  |
| **Mutualism** |  |  |  |
| **Competition** |  |  |  |

1. Why is competition NOT a +/- relationship?