 I can identify factors that can affect an organism’s ability to survive and thrive

 I can research evidence to explain how characteristic animal behaviors affect the probability of successful reproduction of animals.

You made a Poke-style Card for the animal you picked! It included basic information about your animal. NOW you need to research a plant that interacts with your animal and this will become a second card. Possible interactions:

* + If you have an herbivore, figure out what your animal eats.
	+ Consider if you animal uses a plant for shelter
	+ If you have carnivore, what does its prey eat?
	+ If you have an aquatic animal, consider an algae, seaweed or kelp
	+ What are dominant plants in the environment
	+ Are their poisonous plants that it avoids

Before you make card, fill in the rough draft below.



**Rough Draft:** Collect all the info you need about your animal and write it here! Mrs. Munn has some links to [useful resources on MunnScience](http://munnscience.weebly.com/animal-pokedex.html)

**PLANT PICTURE:** You will be drawing your plant, so find a or two picture from google that you will use as a reference. Make sure your picture includes an adaptation that helps your plant survive.

* + **COMMON NAME:** the simple, everyday name for a particular species. Example: Human

|  |
| --- |
|   |

* + **SCIENTIFIC NAME:** for a species, use the binomial nomenclature. Example *Homo sapien*

|  |  |
| --- | --- |
|   |   |
| **Genus** | **Species** |

* 1. **POINTS VALUE:** the number of points that the card is worth. Fill in the chart and total your score:

 **My animal**

|  |  |  |
| --- | --- | --- |
| Plant is a sporophyte (spores) | Add 1 |   |
| Plant is an gymnosperm (Needles and cones) | Add 3 |   |
| Plant is an Angiosperm (fruit or flowers) | Add 5 |   |
| Plant attracts insects to pollinate | Add 1 |   |
| Plant has a wood stem or trunk | Add 2 |   |
| Plant is pollinated by bird or bat | Add 3 |   |
| Plant has thorns or spikes | Add 2 |   |
| Plant is toxic or poisonous | Add 4 |   |
| When plant reproduces, its seeds must be carried by animals for dispersal | Minus 2 |   |
| When plant reproduces, seed can be dispersed by wind | Add 2 |   |
| Plant is edible besides fruit or seeds | Minus 3 |   |
|   | **Total:**  |   |

* 1. **CARD TEXT:** This is your plant's 'strategy.' It needs 2 and each needs to be explained in under 10 words. These are adaptations the plant has to survive and reproduce

|  |  |
| --- | --- |
| **Survival Strategies:** What is one defensive strategy your plant uses to survive?  |   |
| **Special Structure:** What is a physical trait to help your animal survive or reproduce.  |   |

* 1. **YOUR NAME:** this is where you write your name

* 1. Pollinators: include a list of specific species that aid in the pollination of your plant, if your plant is not aided by pollinators, explain how your plant reproduces.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pollinators/Reproduction |

|  |
| --- |
|   |
|   |
|   |

 |

* 1. **SCALE:** the size of the species. Pick a number 1-9 to describe the size of your animal.

Uses these samples to help you pick a number: 1 – Ant 6 – Zebra 9 – Blue Whale

|  |  |
| --- | --- |
| Height of Plant | Scale Value |
| < 1 in. | 1 |
| 1 in. - 6 in. | 2 |
| 6 in. - 2 ft. | 3 |
| 2 ft. - 6 ft. | 4 |
| 6 ft. - 10 ft. | 5 |
| 10 ft. - 20 ft.  | 6 |
| 20 ft. - 50 ft.  | 7 |
| 50 ft. - 100 ft.  | 8 |
| 100 ft. - 200 ft.  | 9 |
| >200 ft.  | 10 |

* 1. **DIET:** the type of food a species eats. See color legend above.

|  |  |
| --- | --- |
| for aut,otmphß  for herbivores  BROWN for omnivores  RED for ce.rnyvorog  BLACK for other  | **Type of food eaten:**  **Color:** |

* 1. **TERRAIN:** What Biome does your organism live in?

|  |  |  |  |
| --- | --- | --- | --- |
| Machine generated alternative text:   |

|  |
| --- |
| Plant's Biome |
|   |

 |

* 1. **CLIMATE:** the climate preference of the organism: cold, cool, warm, or hot.

|  |
| --- |
|   |

**Plant Card**

 Once your have researched your plant, use this info to make a Plant Card.

 Blank Card papers are on the back counter.

 These are hand-drawn cards and written cards! Make sure they are clear and colorful!!

  Use the sample card above and your rough draft to format your card