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

To Do 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.

GOES 
1. COMMON NAME 
SCIENTIFIC NAME 
2 
OLN 
4. CARD TEXT 
YOUR NAME 
5. 
BalaenopterG m 
8 
FACT; 
H LES90 
70 
a MOVE 
7. SCALE # 
9. DIET 
for ant" tropha 
GREEN ror herbivores 
BROWN for omnivores 
RED r.r carnivorea 
BLACK for other 
11. TERRAIN 

**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.

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| --- |
|  |

**Plant Card**

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

Important Blank Card papers are on the back counter.

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

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