Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Invent A Creature Project

An **adaptation** is any \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ characteristic that increases an organism's chance of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

There are 3 types of adaptations

* Morphological
* Behavioral
* Physiological

**Morphological**

* A morphological adaptation is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ feature that helps a species survive in its particular environment.
* Examples -

**Behavioral**

* A behavioral adaptation is characterized as being how an animal \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in order to stay alive in its environment.
* Examples -

**Physiological**

* A physiological adaptation is a change that occurs \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the organism (at the cellular level) that allows them to better survive in their environment.
* Examples -

**Directions** - Your job is to invent a creature that has various adaptations that allow it to survive on a fictional planet.

* You must list 2 morphological, 2 behavioral, and 2 physiological adaptations that your organism has, and then explain how that adaptation allows your organism to survive. Use the area on the back of the sheet to record these adaptations.
* Then, you must draw a picture of what your organism would look like. Extra credit will be given to those that put extra effort into their drawing.

**Example for Morphological Adaptation**

* Adaptation - A long, sticky, narrow tongue
* How does it help the creature survive? - This adaptation helps my creature survive because it allows it to catch small organisms that fly through the air and live in narrow areas.

Which planet did you choose (1, 2, 3, or 4)? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Morphological Adaptations**

Adaptation -

How does it help the creature survive?

Adaptation -

How does it help the creature survive?

**Behavioral Adaptations**

Adaptation -

How does it help the creature survive?

Adaptation -

How does it help the creature survive?

**Physiological Adaptations**

Adaptation -

How does it help the creature survive?

Adaptation -

How does it help the creature survive?