

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

# Flexible Flora

## What do living things need to stay alive?



Explain why a plant or animal would need these things to survive, and provide an example:

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_
- d) \_\_\_\_\_
- e) \_\_\_\_\_

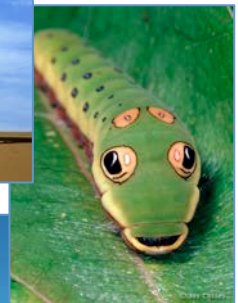
## Adaptation Station

When an animal or plant has trouble getting the things it needs to survive, over time it may adapt to its new environment. Can you see how the following living creatures have adapted?

**Camel:**



**Caterpillar:**



**Cactus:**



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

## Bending Plants!

### Materials:

- Store-bought bean seeds.
- 1 cup
- Soil
- Water
- 1 cardboard milk container



### Instructions:

1. Fill the cup with soil and plant 3 seeds, adding a bit of water every day.

2. When the plants are 5-8cm tall, remove all but one of the plants.

3. Cut the bottom of the milk carton (about 8cm from the top of the carton), then cut a 3x3cm square off one side of the box.

4. Add lots of water, and place the plant on a table/window, covered by the carton. Let sit for 5-10 days before the plant appears in the hole.

### Talk About It!

1. If you remove the box, what do you notice about the plant?
2. Why do you think the plant "bent" itself?



### Human Impact

We have to be careful how we as humans affect the ecosystems around us! Some big problems we are facing are **soil contamination**, **water contamination**, and **air contamination**.

Can you match these issues up with the pictures below?

What can we do to help lessen our impact on other living things?

