

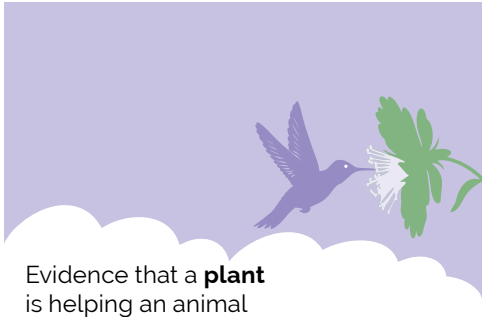
Garden Quest: Ecologist

Try to find the items below and write or draw what you find. Depending on the time of year, you might not be able to find all of these items outside.



Today's weather

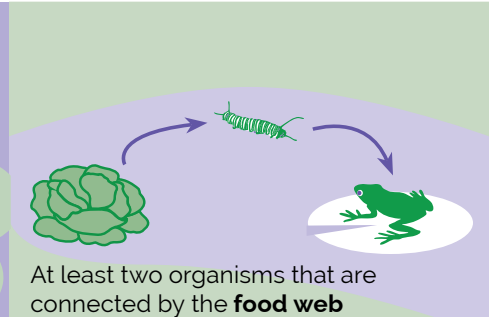
Season



Evidence that a **plant** is helping an animal



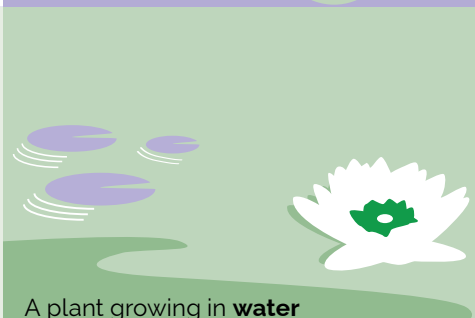
Evidence that an **animal** is helping a plant



At least two organisms that are connected by the **food web**



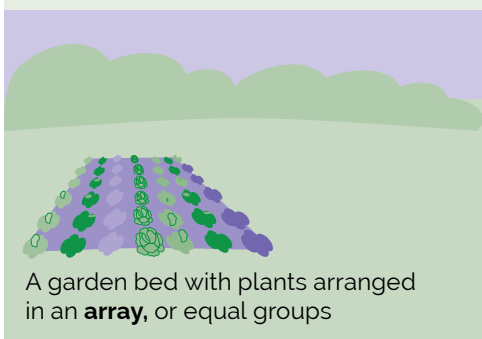
A plant growing in a hot, dry **habitat**



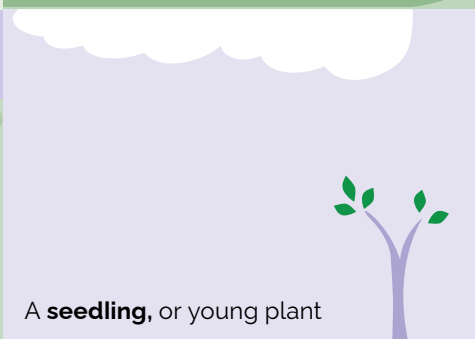
A plant growing in **water**



A plant that looks like it might be dying. What do you think it **needs**?



A garden bed with plants arranged in an **array**, or equal groups



A **seedling**, or young plant



A **mature**, or adult, plant

What did you find that most surprised you?

What couldn't you find? Why do you think that is?

Ecologist Field Journal



Find two different plants with an **adaptation** (structure or characteristic) that helps them survive in their **habitats**. Draw a diagram, describe their habitats, and explain how their structures are helping them.

Habitat Hint: The following Garden areas are great examples of different habitats:

- Semitropical Greenhouse
- Japanese Garden
- Dwarf Conifer Garden
- The Cove
- Native Plant Garden (prairie)
- Native Plant Garden (woodland)
- Arid Greenhouse
- Tropical Greenhouse

Need help?

The Arid Greenhouse is full of hints!

Plant 1: _____

Draw a Diagram: Using detail, sketch the plant and label its parts, noting its special adaptation.

Plant 2: _____

Draw a Diagram: Using detail, sketch the plant and label its parts, noting its special adaptation.

Describe the Habitat: Is it wet or dry?
What is the temperature like?
What else is living there?

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Explain:
How are the plant's structures helping it survive?

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