

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



# Create your own plant!

Think about the plants you saw at the Matthaei Botanical Gardens. What parts did they have? What did those parts do? Now you are going to invent your own plant. In order to survive, it has to have the same parts you investigated on your field trip. Draw your plant in the large box below and write about what its parts do to help it survive in the smaller boxes.

**Leaves**

---

---

---

---

**Flowers**

---

---

---

---

**Stem**

---

---

---

---

**Roots**

---

---

---

---

**Does your plant have a fruit? What does it look like?**

---

---

---

---



# Create your own plant!

Think about the plants you saw at the Matthaei Botanical Gardens. What parts did they have? What did those parts do? Now you are going to invent your own plant. In order to survive, it has to have the same parts you investigated on your field trip. Draw your plant in the large box below and write about what its parts do to help it survive in the smaller boxes.

Leaves

---



---



---

Flowers

---



---



---

Stem

---



---



---

Roots

---



---



---

Students should draw a complete plant, including roots, stems, leaves, and reproductive structures. Students can make a scientific drawing by labeling all the parts and giving their plant a name.

Encourage students to think creatively about how their plant might look. They might think about the differences in plant parts that they observed at the Matthaei Botanical Gardens; their favorite plants from the conservatory and trails can serve as inspiration. Ask if their plant grows here in Michigan or in one of the other biomes represented in the conservatory. How might that influence the different parts of the plant?

In the boxes along the left side, students should describe the function of each part of their plants. Remind students that each part has its own important job. In order for their new plant to survive, grow, and reproduce it will need all of its parts to do their jobs!

In the last question, students can describe the fruit produced by their plant. If their plant does not produce fruit, ask them to describe how it produces seeds.

Does your plant have a fruit? What does it look like?

---



---



---