



## SfS Away from the Classroom!

**SCIENCE**  
FROM SCIENTISTS

## LS25: Plant Structures and Functions (Recommended for Grades 3-5)

Please use the following resources to learn about Plant Structures and Functions.

**Watch this Video:** [SciShow for Kids: Look Inside a Flower!](#)

### **Answer these questions:**

- What is inside a flower?
- What is the job of a flower?
- How do the other parts of a plant help the flower do its job?
- How do insects, animals, or sometimes the wind, help flowers?

**Activities:** Follow these directions to investigate flowers you find in your yard...or in your fridge!

You will need:

<ul style="list-style-type: none"> <li>• flowers</li> </ul>	<ul style="list-style-type: none"> <li>• paper and pencil for sketching</li> </ul>	<ul style="list-style-type: none"> <li>• optional: a cell phone or camera with zoom lens, or a magnifying glass</li> </ul>
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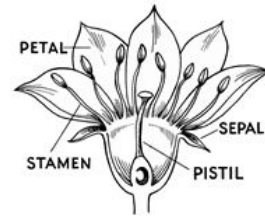
For each flower, look for these main parts:

**Petal:** colorful, attracts pollinators

**Sepal:** protective, may look like small leaves

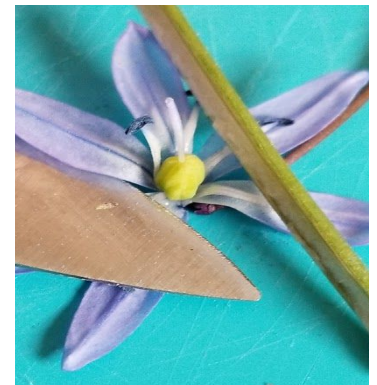
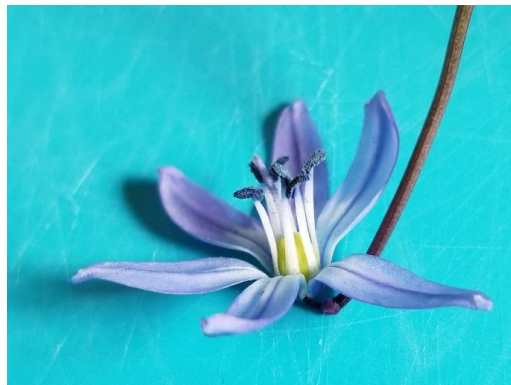
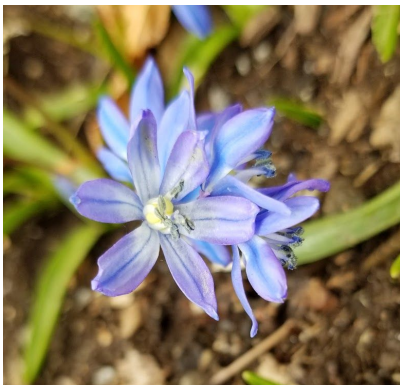
**Stamen:** holds pollen, may be one or many

**Pistil:** sticky top, catches pollen so it can fertilize seeds



You can draw and label your own flowers or the ones here. Some examples from outside:

Some flowers are on the ground. This scilla has six stamens full of dark purple pollen standing straight up. Bend them away to see the purplish-white pistil in the middle of the yellow ovary.



Some flowers are on bushes! Each forsythia blossom has one stamen and a pistil. Petals removed for photo #3.



Some flowers are in your refrigerator! Broccoli has clusters of tiny flowers. On an apple, the remains of the flowers are still visible after a fruit has formed. What else can you find?



**Make observations & use Claims, Evidence, and Reasoning!**

1. **Claim:** The job of flowers is to help plants make seeds.
  - **Evidence:**
  
  - **Reasoning:**
2. **Claim:** The parts of a flower may be arranged in many different ways.
  - **Evidence:**
  
  - **Reasoning:**