

BACKYARD ECOSYSTEM

PARTS OF A FLOWER

Grades 3-6

A
SCIENCE @ HOME
ACTIVITY



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Parent Resources for Parts of Flower

Goals for this lesson:

- Students will read about the purpose of a flower
- Students will explore parts of a flower
- Students will dissect a flower

For Additional information copy and paste these links into your browser

<https://www.greenandvibrant.com/parts-of-a-flower>

https://www.ducksters.com/science/biology/flowering_plants.php





Parts of Flower

Plants that make flowers are known as flowering plants. But do flowers only exist to make plants look pretty? Not quite! Although they can be beautiful to us, flowers are made to attract pollinators for reproduction. Plants may provide nectar as a sweet treat to attract butterflies, bees, hummingbirds, lady bugs, and various insects. This means that flowers interact with living things. Flowers are a crucial part of the process in growing seeds to make more plants. If you look closely at a flower, you might see that it is made of many different parts, each of which has a specific purpose.

Think about what you read and say out loud the answers to the questions below

What are flowers?

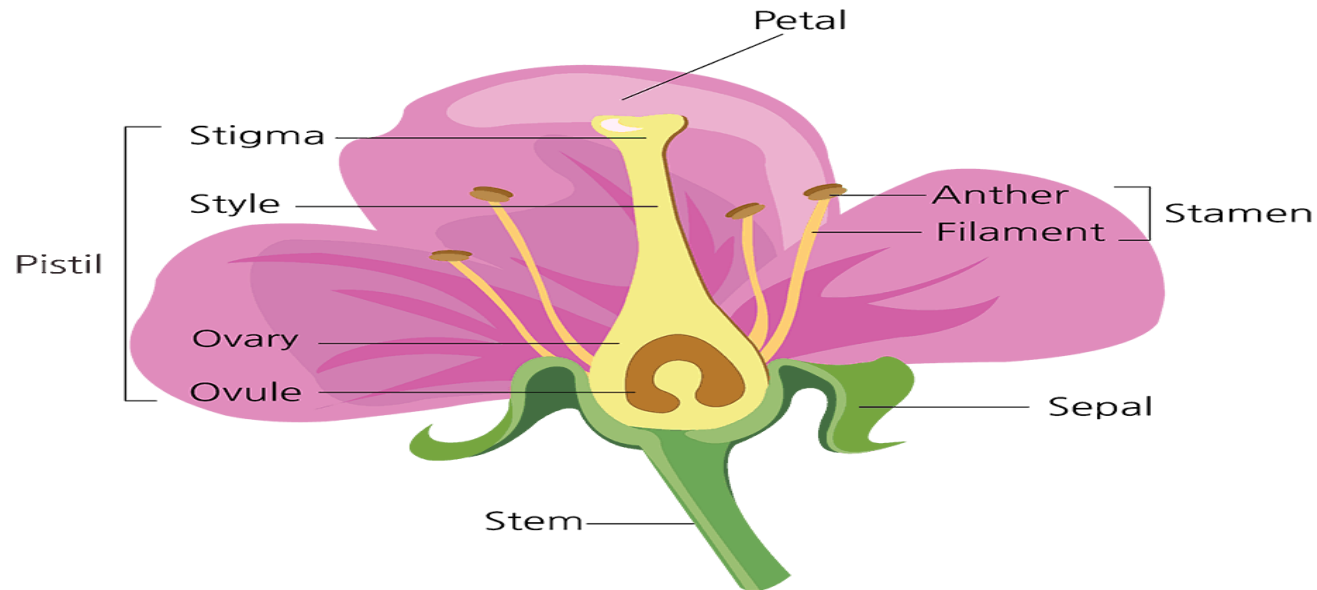
What does a plant need them for?

Do you think flowers interact with living things?

Name some living things that you have seen around flowers.

Why do you think plants provide nectar as a sweet treat?

Parts of Flower



- Petal: attracts insects, birds, and animals
- Sepals: protects the flower during bud stage
- Anther: male reproductive part that contains the pollen
- Filament: male reproductive part that supports the anther
- Stamen: male reproductive part, the anther and filament together
- Stigma: female reproductive part that is a sticky surface which catches/holds the pollen
- Style: female reproductive part that supports the stigma
- Ovary: female reproductive part at the base of the style which contains the female sex cells (ovules) (ovules)

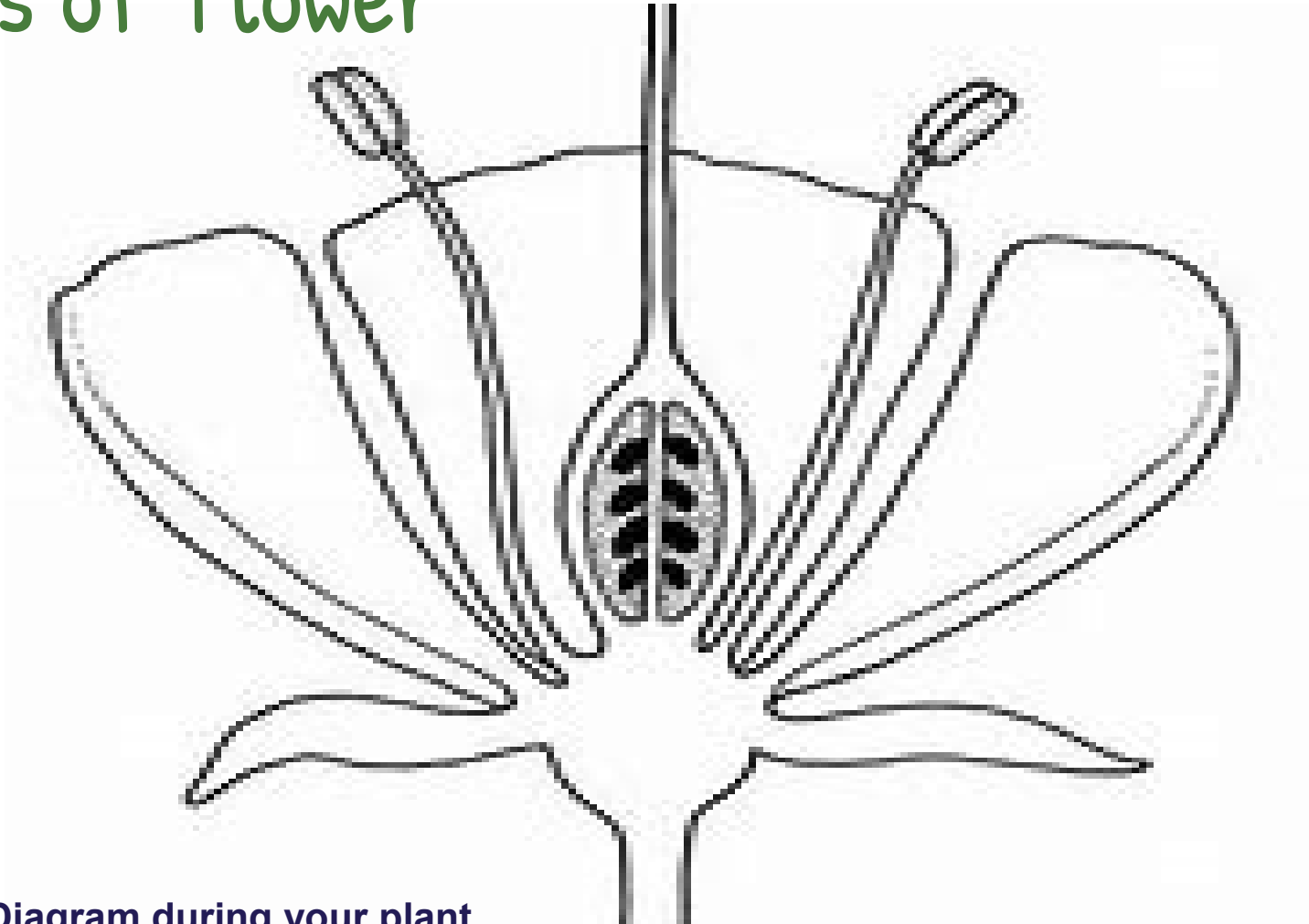


Parts of Flower

Taking a Closer Look...

- Go outside and find a flower and pick one. Be sure to have permission if it is in someone's flower garden
- Using the template on the next page, dissect the flower to see if the flower you picked, has all of the parts that you learned about in this lesson. As you dissect your flower, lay each piece of it onto of the flower template.
- Supplies you may need:
 - Flower
 - Tweezers
 - Pen
 - Flower template(on next page)

Parts of Flower



Use this Diagram during your plant dissection! See how many parts from your flower you can match to this flower