

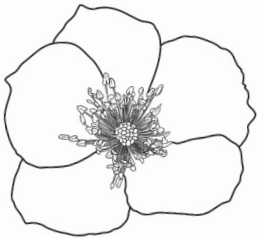
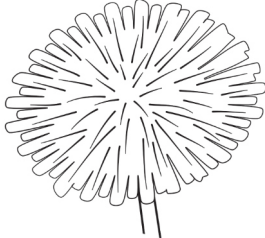
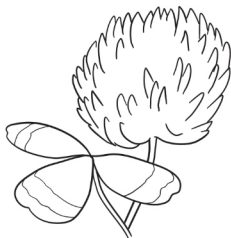
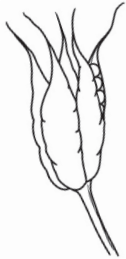
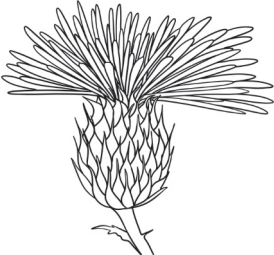
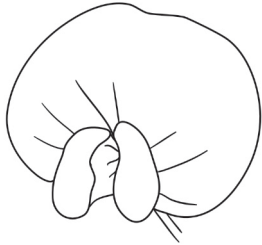
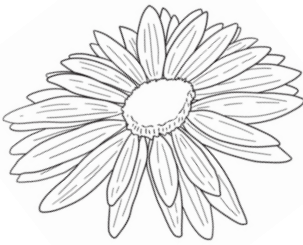
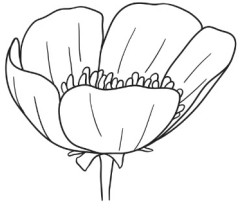
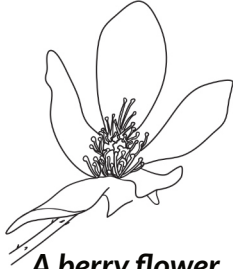
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Finding Flowers

Flowers need insects to pollinate them so that they can make seeds and grow new plants. Insects need flowers to make nectar and pollen for the insects to eat. What kinds of flowers can you find in your neighborhood that a bee might like?

(This list was created for North America, but different regions will have different plants. If you can, get an adult to help you research native plants for your area.)

 Five petals A wild rose	 A yellow flower Dandelion	 A fluffy flower Clover	 A trumpet flower Morning glory
 A pink flower Coneflower	 A seed pod Columbine	 A tube flower Foxglove	 A giant flower Sunflower
 A spiky flower Thistle	 A fan flower Wild pea	 Lots of petals Daisy	 A cup flower Buttercup
 A berry flower Wild blackberry	 An umbrella flower Yarrow	 A purple flower Lavender	 Uneven petals Violet or pansy



Different flowers bloom at different times of the year. This trailing blackberry blooms in late spring.

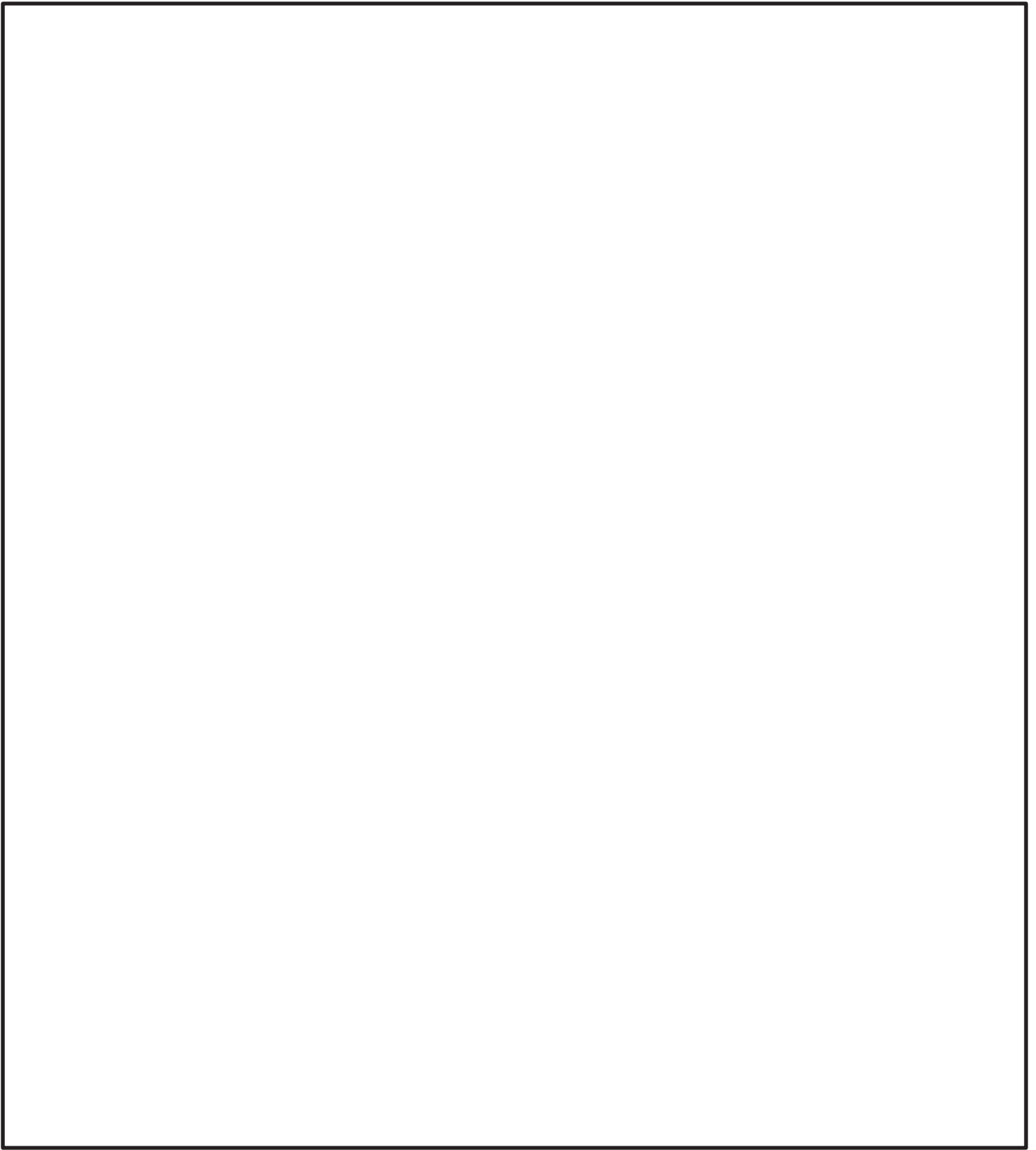


Roses don't produce much nectar, but bees will still visit wild roses for pollen.



Dandelion

Draw a flower here. What kind of flower is it? What do you know about it?



Bee Facts

Mason bee



These bees make honey, but they are smaller than the common Western honeybee. They also build their nests on tree branches, not hives.

Dwarf honeybee



These bees have extra-long front legs. They use these front legs to gather oils inside long, tube-shaped flowers.

Longhorn bee



These bees chew holes in old wood, including logs, small branches, and sometimes even houses.

Carpenter bee



The male bees in these species have extraordinarily long antennae. These antennae give them a very unusual look.

Rediviva bee



These bees gather mud and use it to close off their nests. They sometimes build their nests in the holes left by carpenter bees.

Teddy bear bee



These bees look almost cuddly. They live in Australia and are look fluffy with bright orange hair.

Start a Bee Survey!

Scientists are working to find the best ways to help bees. First, however, they need to know how many bees there are and where they live. That's why many scientists around the world conduct bee surveys to count the number of bees they can find. You can do your own bee survey using the chart below.



For this survey, you will want to find a sunny area with plenty of flowers. Set a timer (try five to ten minutes to start) and see how many bees you can spot during that time. Or you can spend an entire summer watching bees and recording the different species you spot!

If you want, you can ask an adult to help you photograph the bees and record the photos on the iNaturalist website or app.

Honeybees	
Bumblebees	
Carpenter bees	
Mason bees	
Tiny bees	
Metallic sweat bees	
Wasps	
Hoverflies	

Reading List: Plants & Flowers

Picture Books:

- ❑ *Planting a Rainbow* by Lois Ehlert
- ❑ *Bloom Boom!* by April Pulley Sayre
- ❑ *Flowers Are Calling* by Rita Gray, illustrated by Kenard Pak
- ❑ *Up in the Garden and Down in the Dirt* by Kate Messner, illustrated by Christopher Silas Neal
- ❑ *Roma's Gift* by Brenda Lewis and Katy Brown
- ❑ *In a Garden* by Tim McCanna, illustrated by Aimée Sicuro
- ❑ *A Seed is Sleepy* by Dianna Hutts Aston, illustrated by Sylvia Long
- ❑ *The Big Book of Blooms* by Yuval Zommer
- ❑ *Flower Talk: How Plants Use Color to Communicate* by Sara Levine, illustrated by Masha D'yans
- ❑ *Just Like Us! Plants* by Bridget Heos, illustrated by David Clark
- ❑ *What's Inside a Flower?: And Other Questions About Science & Nature* by Rachel Ignotofsky

Nonfiction Guides:

- ❑ *Botany in a Day: The Patterns Method of Plant Identification* by Thomas J. Elpel
- ❑ *Flora: Inside the Secret World of Plants* by DK Publishing

Reading List: Pollinators

Picture Books:

- ❑ *Bee: A Peek-Through Picture Book* by Britta Teckentrup
- ❑ *Honeybee: The Busy Life of Apis Mellifera* by Candace Fleming, illustrated by Eric Rohman
- ❑ *Give Bees a Chance* by Bethany Barton
- ❑ *Bea's Bees* by Katherine Pryor
- ❑ *The Honeybee* by Kirsten Hall, illustrated by Isabelle Arsenault
- ❑ *Bee Dance* by Rick Chrustowski
- ❑ *The Bumblebee Queen* by April Pulley Sayre, illustrated by Patricia J. Wynne
- ❑ *Bumblebee* by J.V. Wilson, illustrated by Adrienne Kennaway
- ❑ *Begin with a Bee* by Liza Ketchum
- ❑ *The Thing about Bees* by Shabazz Larkin
- ❑ *If Bees Disappeared* by Lily Williams
- ❑ *Animal Pollinators* by Jennifer Boothroyd
- ❑ *Pollen: Darwin's 130 Year Prediction* by Darcy Pattison
- ❑ *The Reason for a Flower* by Ruth Heller
- ❑ *Bees, Bugs, and Butterflies: A Family Guide to Our Garden Heroes and Helpers* by Ben Raskin

Reading List: Other Resources

Longer Books:

- *The Bee Book*, by Charlotte Milner
- *How Do Bees Make Honey?*, by Melissa Stewart
- *Bees: A Honeyed History* by Piotr Socha
- *The Hive Detectives: Chronicle of a Honey Bee Catastrophe* by Loree Griffin Burns, illustrated by Ellen Harasimowicz
- *The Life and Times of a Honey Bee*, by Charles Micucci
- *Know Your Pollinators* by Tim Harris
- *The Bees in Your Backyard: A Guide to North America's Bees* by Joseph S. Wilson and Olivia Messinger Carril
- *The Little Book of Bees: An Illustrated Guide to the Extraordinary Lives of Bees* by Hilary Kearney

Other Resources:

Activities for learning about bugs: www.aesable.com/2019/06/7-activities-to-teach-kids-about-bugs.html

Food Hero, from Oregon State University's Extension Service (this website also has information and activities for food prep and gardening):

www.foodhero.org/bees

Educational material from the Xerces Society for Invertebrate Conservation: www.xerces.org/education