

# Bee Garden Diorama 3-5

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## Lesson

There is no better sound than a garden alive with the buzz of bees. Humans owe a lot to these hard-working pollinators - without them we would not be able to grow many of the fruits & vegetables we take for granted. It's definitely worth including a few simple but highly effective elements in your garden to attract these essential insects. Bees provide a vital service by pollinating the plants that produce much of the food we eat. They also pollinate the wildflowers that feed the insects that fuel the food chain. Having an array



of bees into your own backyard is simple when you plant their favorite flowers. Bees will forage on any blooming plant that provides nectar or pollen. However, they do have color preferences. Flowers that are blue, purple, yellow or white will do a better job of attracting bees. By providing nectar & pollen as food, creating shelter & providing shallow watering bowls filled with marbles or rocks in your garden space, you will create new habitat for bees. Back yard habitats are very important as their natural habitats become less & less abundant. Researchers have found that planting bee-friendly gardens in your community increases the diversity of bees, even within the urban areas in which many of us reside. By helping bees, we are helping wildlife & ourselves.

### There are five essential elements for designing a bee garden:

1. Choose colorful plants that are best suited for attracting bees in your region
2. Limit the use of insecticides that are toxic to bees & other beneficial pollinators
3. Provide a shallow source of water or bee bowls with marbles or rocks inside them.
4. Provide shelter in your garden from elements such as wind, rain, or cold
5. Create habitat for the nest of the pollinator to support the entire life cycle of the pollinator from egg to larva to adult.

### Questions for students

Why are bees important to humans?

How do bees help wildlife??

What can you do to help bees?

What type of flowers should you plant?

What do bees eat?

Why is it important to provide habitat for bees?



Please us the Other Resources Page  
before you start the art project



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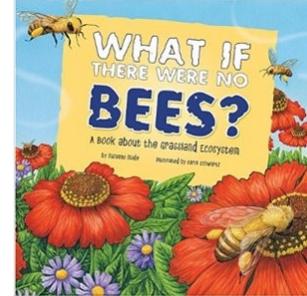
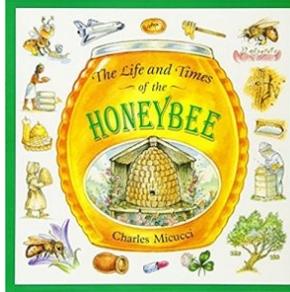
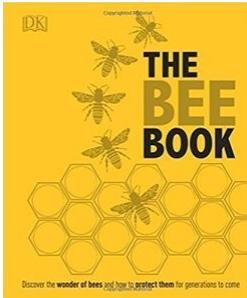
# Other Learning Resources

## Books to Read

[The Life and Times of the Honeybee](#) by Charles Micucci

[What if There Were No Bees?](#) by Suzanne Slade

[The Bee Book](#) by DK and Emma Tennant



## Videos About Bees

<https://www.youtube.com/watch?v=fuAE4riYuR0>

<https://www.youtube.com/watch?v=QEzlsjAqADA&feature=youtu.be>

<https://www.youtube.com/watch?v=ZBVVLTz4xuQ>

## Videos About Florida Bee Gardens

<https://www.halifaxplantation.com/5-Bee-Friendly-Plants-for-Your-Florida-Garden-1-57.html>

## Materials

- 1 Box or lid
- Various Colored scrap paper
- Cardboard
- Egg Carton
- Glue stick
- Scissors
- Markers or Paint-paint brush
- Pipe cleaners & Pompoms
- Bottle caps, buttons, stickers



# Instructions

Parents may need to help with steps in Green



1. Gather all your materials.
2. Cut out each cup of your egg carton. Use these for your flowers.
3. Cut the egg carton sections horizontally on the indented lines all the way down to the flat bottom, to make pedals. Pull down each petal & flatten out. (You can make different size flowers by cutting more off the top when you trim them. )



4. Color or paint your flowers. You can glue a smaller flower into a bigger one to create layers. Add a button, pom-pom or bottle cap in the middle. Be creative.



5. Cut individual pieces of pipe cleaners for stems or bend & twist one to have multiple stems.



6. Now, for the sky, lay your box on a piece of light blue paper, trace around the box. Cut on the inside of the drawn line. Rub glue on the inside of the box and place the paper inside, then, smooth it down with your fingers.



7. Next, for the grass, lay your box on a green piece of paper trace of the box. Cut out on the inside of the lines. Now, decide the height of your background grass Use your box to draw a straight line where you will cut it. Cut on that line. Rub glue where you want the grass to start on the back of the box. Place the green paper in & rub with your fingers to smooth it out. Rub glue on the bottom of the box. Place the remaining green paper inside of your box & rub it down. Cut the paper where it extends past the box.

8. Glue stems where you want to place your flowers. Then glue flowers & leaves on.
9. To make the sun place a bottle cap onto a piece of yellow or orange paper, draw triangles around the edge of the cap. Cut out on the lines. Turn it over & glue cap in the center. Let dry & glue inside your box.



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10. You can cut out clouds, add a bee, lady bug, snail or a bee watering bowl. To make a watering bowl, I used a large cap and the top half of an empty lipstick. I added blue paper inside to look like water. What will you have in your garden?



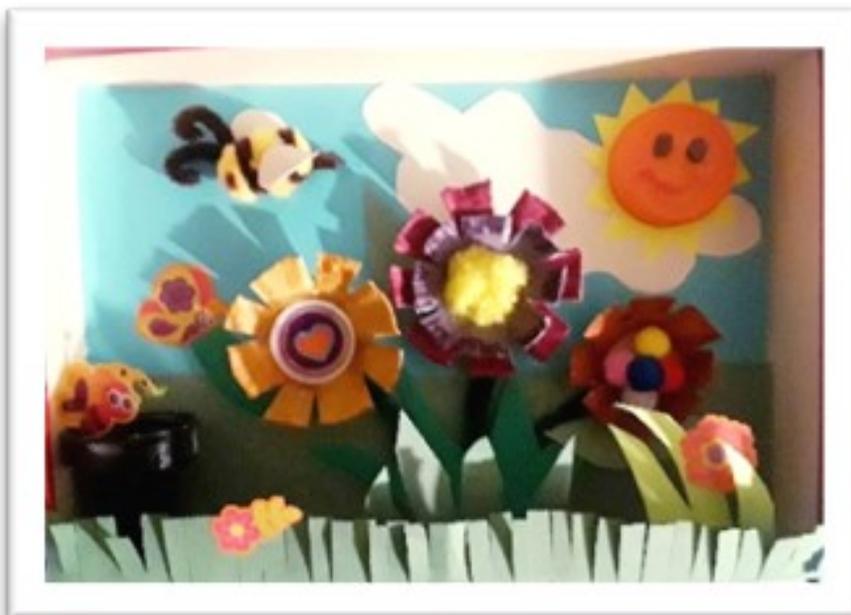
11. To make a bee use a small yellow pom-pom & a couple small pieces of a pipe cleaner. Wrap them around the pom-pom & twist together. Cut two small wings from white paper & glue one on the bee & one behind the bee on the sky. Cut off a small piece of the pipe cleaner & stick in in the back ring of the bee for the stinger. Then glue the bee on the wing in the sky. You can make the bee's antenna with the rest of the pipe cleaner or draw it on with a marker. Use your imagination! How many bees will live in your garden?



12. To add plants draw them on paper & add extra length on the bottom to fold up. Add glue on the bottom & place in your box. This gives your garden dimension.

13. To add grass across the front cut a strip of green paper an inch longer than your box & a 1 ¼ high. Draw a line a ¼ inch from the bottom, cut thin strips to the line. Fold the ends at a ½ inch & adhere to the outside of box with stickers.

14. Have fun & make your garden colorful!



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