

Activity: BEEoculars

AGE GROUP: K-GRADE 3 TIME TO COMPLETE: 30-60 MIN

INTRODUCTION

Sometimes we need a little help to see more clearly. In this activity, students will make BEEoculars, a fun and useful craft to add to their garden detective tool box. Pair this activity with a lesson about bees and a trip outside to see who's buzzing around!

LEARNING OBJECTIVES

- Get students excited about bees and scientific observation.
- Create a fun craft modeled after an organism and with an intended purpose.
- Have a relaxing time bee watching!

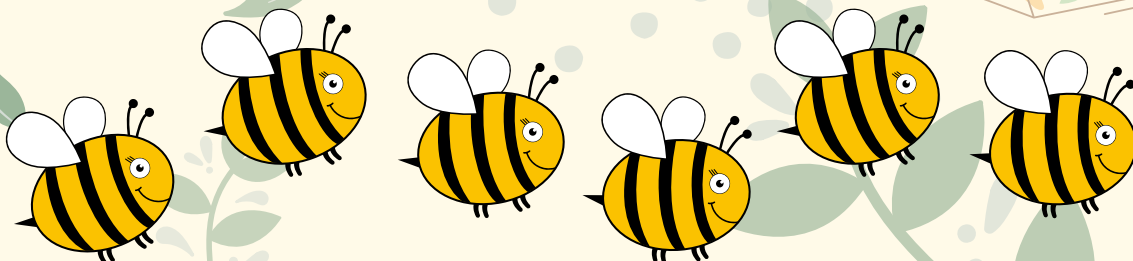
MATERIALS

- 2 toilet paper tubes
- Yarn
- Colored tissue paper
- Pipe cleaner

INSTRUCTIONS

See photos below to make the instructions more clear.

1. Gather all of your materials.
2. Glue the black construction paper to the outside of the toilet paper tubes.
3. Cut the yellow tissue paper into strips about 1 inch wide. Glue them on top of the black construction paper, leaving a little space in between strips to create stripes.
4. Pull the pipe cleaner through the pre-punched holes at the front of the binoculars. These are your bee's antennae.
5. Find the white piece of paper that is cut in the shape of wings. Decorate the wings with a marker or pen, then glue them on top of your binoculars.
6. Thread one end of the yarn through one of the holes on the outside of your binoculars at the opposite end of your antennae. Tie a knot. Repeat with the other end of the yarn on the opposite side. This should form a loop so you can wear your binoculars.
7. Set your binoculars aside to dry and clean up your space.



EXTENTIONS

- Learn more about bees!
 - One bee has to fly about 90,000 miles - three times around the globe - to make one pound of honey.
 - Female honey bees are called “worker bees” and males are called “drones.”
 - The Queen Bee lays up to 2,000 eggs per day.
 - Bees carry pollen on their hind legs. When their pollen pockets are full, you can see them!
- Think about how binoculars might help explore the garden. What are some ways that you can use this tool?
- Different animals have eyes that are shaped differently so that they can see what they need to see. Do some investigating into the different eye shapes and functions of your favorite animals.

