

BUTTERFLY FEEDER

Did you know that butterflies can sense vibrations with their wings, smell with their antennae and taste with their feet? Take a closer look at how these amazing creatures use their senses as they sip from your homemade butterfly feeder.



Materials Needed:

- Mason jar with hole in lid (provided)
- 5 pieces of string - 4 long, 1 short (provided)
- Sponge (provided)
- Foam shapes to create flowers (provided)
- Sugar & water

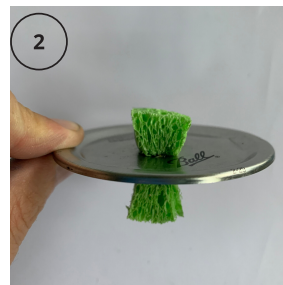


Instructions:

1. First make some butterfly food! Ask an adult to help you with this part! Add nine parts water and one part sugar to a pot and bring to a boil until sugar is dissolved. Let it cool down while you prepare the feeder.
2. Take the sponge and pull it through the hole in the lid of the mason jar until it sticks out of the top by 1/2 an inch. Set aside.
3. Lay out the small piece of string, and tie the 4 longer pieces to it using a **double knot**. Make sure they are tight!
4. Now tie the small piece of string around the neck of the jar, again using a strong, **tight knot**.
5. Gather the 4 long pieces of string, and tie them all together with another **strong knot**.
6. Now you can add the cooled sugar water to the jar, and screw the lid on **tightly** so that it doesn't leak.
7. Use the colorful foam shapes to create flowers and attach them to your butterfly feeder. The extra color will help you attract more butterflies to your neighborhood.
8. Find a place outside to hang your butterfly feeder and observe who stops by to take a taste.

VOCABULARY

- **olfactory**: relating to a sense of smell
- **pollinator**: anything that helps to carry pollen from one flower to another so it can reproduce



Note: Butterflies are important pollinators and should not be captured without a butterfly net. Catching them with your hands can tear their delicate wings and affect a butterfly's ability to fly.