

Butterfly Feeder STEAM Project

You will need:

Plastic squeeze bottle with lid
(a sauce bottle would be a good example)

Water

Sugar

String

Cotton ball

Rubber bands

Paint/fake flowers/real flowers



Instructions

1. Remove the lid from the squeeze bottle. Place the cotton ball inside the lid, and use a pencil or toothpick to push half of the cotton ball through the squeeze lid.
 - The cotton ball will absorb some of the sugar water that will be inside the bottle, and allow the butterflies to drink it from outside the bottle.
2. Attach a rubber band to the opposite end of the squeeze bottle. Tie a piece of string to both sides of the rubber band to create a loop that can be hung on a tree limb.
 - If the container is too heavy, you can use multiple rubber bands to reinforce the string.

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3. Mix the water and sugar together until the sugar is completely dissolved. The mixture should be about 90% water and 10% sugar, depending on how much your bottle will hold. Fill the bottle halfway with the mixture, and reattach the lid with the cotton ball.
4. Decorate the outside of the bottle to be colorful and look like a flower. You may choose to paint the bottle, or attach fake or real flowers using glue or rubber bands.
5. Hang the feeder from a tree, and observe on sunny days for butterflies to enjoy the sugar water from the feeder.

