



# Exploring Butterflies

## Butterfly Facts

### Did you know.....

Butterflies are insects that are herbivores, this means that they eat plants.

Butterflies have a 4 part life cycle:

- 1)Egg
- 2)Larva (caterpillars)
- 3)Pupa (chrysalis)
- 4) adult butterfly

A pupa or chrysalis is a cocoon. A caterpillar will stay in its cocoon until it's ready to fly as a fully developed caterpillar.

Butterflies have tiny receptors on their feet so they can taste their food thru their feet!

<https://www.sciencekids.co.nz/sciencefacts/animals/butterfly.html>

## Activity

### Static Electric Butterfly

**Materials:** Scissors, tissue paper, marker, pen/ pencil, glue stick, balloon, cardstock or construction paper, and cardboard

**What you will do:** Cut a cardboard square that is about 7 x 7 inches. Draw a butterfly on a piece of tissue paper (make sure it's a little smaller than the cardboard). Place the butterfly on the cardboard square; Do not glue the butterfly down. Draw the body of the butterfly on a piece of cardstock/construction paper and cut it out. Glue the butterfly body to the butterfly and cardboard. \*\* Only glue the body not the wings. Make sure the wings stay loose. Draw eyes on the butterfly body and antennas coming out of the body on to the cardboard. Blow up a balloon and rub it in your hair to build up a static charge. Bring the balloon towards and away from the butterfly without touching it. Notice how the wings move up when the balloon is near and go back down when you move the balloon away.

**Discuss:** Explain to your child that in electricity positive charges and negative charges are attracted to each other. When you rub the balloon in your hair, electrons (with negative charge) leave your hair and go to the balloon. This tissue paper has a positive charge from protons. When you hold the negatively charged balloon by the positively charged butterfly wings, the electrons from the balloon and the protons from the tissue paper are attracted to each other.

<https://iheartcraftythings.com/static-electricity-butterfly-experiment.html>

## Watch

### The Very Hungry Caterpillar

Written and Read By Eric Carle on YouTube

Watch to learn more about the life cycle of a butterfly!

[https://www.youtube.com/watch?v=eXHScpo\\_Vv8](https://www.youtube.com/watch?v=eXHScpo_Vv8)



<https://iheartcraftythings.com/static-electricity-butterfly-experiment.html>