

Wonderful World of Butterflies Resources



Key Concepts:

- Animals have important responsibilities and roles in their environments
- Predator and prey interactions are important for the health of an ecosystem
- Human actions have a lasting impact on animals and their ecosystems
- Animals experience life cycles....

Vocabulary

Metamorphosis: Butterflies are not born as beautiful flying insects, they transform from a caterpillar to a butterfly, they metamorphose

Larva: larval stage for the butterfly is a stage for growing. Butterfly larvae are called caterpillars.

Abdomen: The longest bottom part of a butterfly's body containing gut and heart

Thorax: The middle part of a butterfly's body, where the four wings attach

Cocoon: created by spinning silk into a casing by caterpillars that will turn into **moths**.

Pupa: the transformation stage between larva and adult

Chrysalis: the word used to describe only butterfly pupae. Can use PUPA or CHRYSALIS when speaking about butterflies.

Molting: Shedding a skin/outer coating to allow an animal to grow

Discussion Questions

1. What do you think happens to the caterpillar inside the chrysalis?
2. How does a butterfly compare to a caterpillar?
3. Chemical/physical changes

Activities

1. Create your own butterfly life cycle drawing
2. Compare Caterpillars to Butterflies
 - a. Have students draw a picture of each, then go through to discuss the similarities/differences
3. Butterfly garden flower suggestions:
 - a. <https://www.gardeners.com/how-to/attracting-butterflies-hummingbirds/7265.html>
 - b. <https://www.plantdelights.com/blogs/articles/butterfly-garden-plants-host-attract-butterflies>

Other Online Resources

Explanation of a proboscis uncoiling: <https://asknature.org/strategy/proboscis-unwinds/>

Fun Facts <https://www.thebutterflysite.com/facts.shtml#funfacts>

Butterfly life cycle colouring sheet <https://www.thebutterflysite.com/22-butterfly-coloring-pages.html>

Butterfly colouring sheets <https://www.thebutterflysite.com/butterfly-coloring-pages.shtml>

Learn about butterflies <http://www.learnaboutbutterflies.com/Anatomy%202.htm>