



Conserve the Monarchs

Learning Outcomes

Learn about the life cycle of a monarch and the incredible migration that this species undergoes every year.

Take pictures of a monarch, raise a monarch from a caterpillar to adult, and discover the migration route of monarchs.

Challenges

Raise a Monarch

- Find a monarch caterpillar and raise it in a terrarium or a container. Watch it progress through metamorphosis until it is a butterfly, making note of how long each phase lasts. Then release the butterfly. Submit your photos. If you are unable to find or raise a monarch, ask someone who does raise them how it is done or research on the internet how others have raised them. Submit a brief explanation of what you have learned.
- **Learning Outcomes:** *Learn about metamorphosis and how to raise a monarch caterpillar.*

Monarch Photography

- Take a picture of a monarch butterfly visiting a flower. Research factors that have led to recent declines in monarch populations. Post the picture on a social media of your choice with a description of where you found it and inform others on what you have learned about the decline of the species. Submit the photo as well with the description you shared on social media.
- **Learning Outcomes:** *Learn where monarchs are found in your community.*

Monarch Life Cycle

- Research the life cycle of a monarch butterfly and why milkweed is important to the species. Submit a brief description of each stage of its life starting as an egg and ending as an adult, as well as how the species uses milkweed plants. Describe the differences in milkweed varieties and how climate change has possibly affected the growth habits of this plant.
- **Learning Outcomes:** *Learn the life cycle of a monarch butterfly, and why milkweed is important to the species.*

Monarch Migration

- Monarchs are known for their impressive migration distances. Research about the monarch migrations. Learn about the migration routes and why they undergo such a long migration. Teach one other person about your findings. Research what efforts are being done to help monarch conservation along their migration routes. Submit a brief explanation of what you discovered as well as 2 things that the other person learned.
- **Learning Outcomes:** *Learn the migration routes of monarchs.*