



Pollinator Partnerships

Grades: 3-5

Standards

Michigan K-12 Standards in Science

Next Generation Science Standards

STEM Connection

Explore different ecoservices that pollinators provide linking them to their own lives.

Urban Futures Connection

Students will observe examples of habitat management and discuss how to make pollinator friendly choices.

Take Home

Activity worksheets are available via email upon request.

Overview

In this program students will explore how landscaping with native plants in urban areas can help to bring back native birds and other wildlife to our living spaces.

Details

- This program lasts 2 hours and can be adapted to suit your needs
- Offered from May-October
- Appropriate for Grade Levels 3 - 5

The Experience

In this program students will be engaged in a multifaceted program experience with activities that may include:

- Closely observing and identifying a diversity of local insect pollinators and the wildflowers they frequent
- Studying the adaptations of various wildflowers that ensure successful pollination
- Comparing and contrasting the adaptations of insect pollinated plants with wind pollinated plants
- Discuss pollinator friendly strategies they can implement in their own yards and communities

Helpful Hints

This program will be held in the great outdoors, rain or shine, please make sure students are dressed for the weather. You are more than welcome to take photos and ask questions along the way.

Science Standards

3rd Grade

3-LS4-3

Use evidence to construct an explanation for how the variations in characteristics among individuals of the same species may provide advantages in surviving, finding mates, and reproducing.

- Students will discuss how variations in plants and pollinators contribute to increased biodiversity within an ecosystem.

4th Grade

4-LS1-1

Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.

- Students will examine how different plants and animals are evolutionarily designed to help one another.

5th Grade

5-ESS3-1

Make observations and measurements to identify materials based on their properties.

- Students will be asked to compare and contrast plants and their common pollinators.

Grades 3rd - 5th

3-5-ETS1-2

Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.

- Students will be challenged to provide suggestions to increase pollinator biodiversity.