



Pollinator Partnerships

Grades: 6-8

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 - 12

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

6th - 8th Grade

MS-LS2-2

Construct an explanation that predicts patterns of interactions among organisms across multiple ecosystems. **

- Students will be asked to discuss pollinators both native and non native across multiple ecosystems and consider a variety of circumstances.

MS-LS4-5

Evaluate competing design solutions for maintaining biodiversity and ecosystem services. * **

- Students will be challenged to find a solution to the loss of pollinator species and find a way to increase biodiversity within their local community.

MS-ESS3-3

Construct an explanation based on evidence that describes how genetic variations of traits in a population increase some individuals' probability of surviving and reproducing in a specific environment.

- Students will be asked to correlate genetic variation among pollinator and plant species to biodiversity and survival of the species.