

Plants for Pollinators  
in the Classroom!



A Project of the Freehold Soil Conservation District

2019 PPIC  
Application Form

This program is open to Middlesex & Monmouth County Schools.

Teacher's Name \_\_\_\_\_

School Name \_\_\_\_\_ Grade Taught \_\_\_\_\_

School Address \_\_\_\_\_

Town \_\_\_\_\_ Zip Code \_\_\_\_\_

Daytime Phone Number \_\_\_\_\_

Email Address \_\_\_\_\_

Are you: Adding to an existing garden? \_\_\_\_ Creating a new garden? \_\_\_\_

Describe why you would like to receive this resource kit, and how would you use it (attach extra sheet if desired).

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Complete this form and return no later than March 22, 2019 to:

Freehold Soil Conservation District  
4000 Kozloski Road — PO Box 5033, Freehold, NJ 07728

Applications are accepted by mail, email or fax

Questions? Holly Reynolds: hreynolds@freeholdscd.org

Phone: 732-683-8500 Fax: 732-683-9140

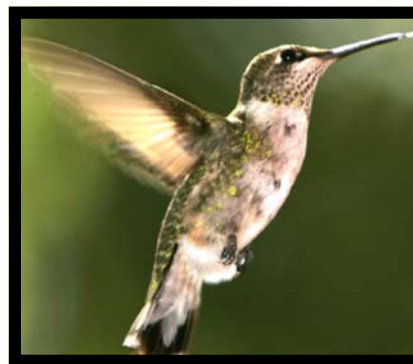
Plants for Pollinators  
in the Classroom!



A Project of the Freehold Soil Conservation District  
Serving Middlesex & Monmouth Counties Over 70 Years

Learn about native plants  
and pollinators in the  
classroom and beyond...

Apply for free science materials, butterfly plants  
and resources to help native pollinators!



## Plants for Pollinators



### in the Classroom!

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*"Student response to the seed growing activities was wholeheartedly enthusiastic. When the plantings germinated and seedlings appeared, they acted like proud parents."*

— Middle School Teacher

Pollinators play a significant role in the production of over 150 food crops in the United States — among them apples, alfalfa, almonds, blueberries, cranberries, kiwis, melons, pears, plums, and squash<sup>1</sup>. An estimated 90 percent of flowering plants depend on bees and other insects as well as birds and bats for pollination. Pollinators are critical to the production of most major food crops around the world and in New Jersey, and they are virtually impossible to replace<sup>2</sup>.

The Freehold Soil Conservation District is sponsoring a program called ***Plants for Pollinators in the Classroom***\* to help students in Middlesex & Monmouth Counties discover the importance of native pollinators and to study the relationship between plants and pollinators. Teachers and students will use an indoor growing kit (complete with plant stand, grow bulbs, potting soil and seeds) to explore plant growth, conduct experiments and raise butterfly plants. The program provides resources to help students learn about native pollinators and how to create a pollinator garden at their own school. Student-raised plants should be planted in the school's garden or suitable community location. Participating classrooms also receive a small selection of ready-to-plant pollinator attracting plants to enhance your school or community garden.

This program is open to schools in Middlesex or Monmouth County. Please use the registration form on the back of this brochure to apply for the program and receive the **FREE** resource kit while supplies last!

***\*Adapted from the Mercer County Soil Conservation District***

1 - North American Pollinator Protection Campaign <http://www.nappc.org/curriculum/intro.php>

2 - Protecting Nature in Your Community. American Museum of Natural History, May 2007. [http://cbc.amnh.org/center/pubs/pdfs/protecting\\_nature.pdf](http://cbc.amnh.org/center/pubs/pdfs/protecting_nature.pdf)

## Program Deadline & Details

Applications are due by **March 22, 2019**. Teachers will be notified of their acceptance by late March 2019. **Supplies are limited.**

***This program is free of charge.*** All program materials may be kept in the classroom provided that they will be put to good use for years to come. Teachers are encouraged to coordinate with fellow teachers to plan fall activities that continue the butterfly and pollinator learning theme in your school.

Teachers must submit 2 brief status reports to let us know how the kit has been used, what highlights or challenges were encountered, how you incorporated the resource kit into your lesson plans, and how it helped to meet Core Curriculum Standards, where applicable. Status reports are requested by June 7th and October 18th.

### The resource kit will include:

- **Instructions** for maximizing use of the kit.
- **Plant Growing Kit:** A complete growing kit, including plant stand, wide spectrum lights, starter soil, trays, light timer, a temperature and humidity indicator, and seeds.
- **Seeds:** Seed packets for varieties of butterfly plants, along with fact sheets for each plant. May include Fennel (Black Swallowtail host plant), Zinnia or Cosmos (adult butterfly nectar) & squash.
- **Pollinator Plants:** A small selection of potted pollinator plants ready to plant outdoors (such as Butterfly Milkweed, Blazing Star) along with fact sheets for each plant.
- **Lesson Plans:** Suggested lesson plans and activities
- **Resources:** Various printed tip sheets and resource materials about pollinators and butterfly gardening. A list of valuable web resources about native pollinators, butterfly gardening, and starting seeds in the classroom.
- **Pollinator Poster:** A beautiful, full-color pollinator poster
- **New Jersey Butterflies and Moths Pocket ID Guide**

