

Monarch Heroes Program—Grades 6-8

Grant Application—\$2000

Grant Period—February 2016 through May 2017

Deadline: January 25th 2016

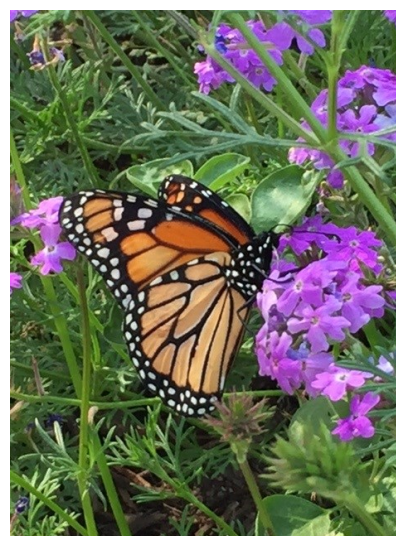


The iconic monarch butterfly, whose population has plummeted by more than 90 percent over the last 20 years, needs our help. Key to this decline is the destruction of habitat across the butterflies' breeding range; the milkweed and other nectar-producing plants that monarchs rely upon for breeding and feeding have largely disappeared along its migratory route. Texas is known as the migration funnel for the monarch, and Houston can accomplish much for monarchs by becoming a critical way-station for them during their migration to and from Mexico.

NWF is partnering with the Houston Independent School District (HISD) to help reverse the monarch decline by creating monarch nectar and host gardens on select HISD campuses. The gardens will provide a critical food source (milkweed) to monarchs making their migration through Houston and will empower students and school communities to take action to help the monarchs.

Schools will receive the following:

- 1) 2 Professional development opportunities
- 2) Teacher stipends and CPE credits associated with workshops
- 3) Grants of \$2000 each (\$1,000 in February 2016 and \$1,000 in August 2016) to purchase garden supplies
- 4) Monarchs and More – An Inquiry and Arthropod Based curriculum
- 5) NWF Monarch Green STEM curriculum
- 6) 2-3 Site visits and consultations from NWF
- 7) Schoolyard Habitat signs



To apply for school grants, schools must agree to the following:

- 1) Dedicate a minimum of 400 square feet on their school grounds to create monarch habitat that also serves as an outdoor classroom.
- 2) Build a monarch team to help plan, design, maintain and use the monarch garden for educational purposes. The team should include 2-3 science and/or math teachers as well as a green school champion and a parent or community volunteer.
- 3) Attend 2 Monarch Heroes Professional Developments:
Bring at least 3 members from your monarch team (3 attendees must be teachers). To each workshop. Teachers will receive \$90 Stipend and CPE credit.
 - Part 1 - Saturday, February 20th 9:00am-4:00pm at the Hollingsworth Science Center 13250 Summit Ridge Drive, 77085
 - Part 2 - Saturday, September 17th 8:30am-3:30pm at location TBD (same team must attend). Teachers will receive \$90 stipend and CPE credit.
- 4) Arrange a time during the month of March, April or May 2016 for a site visit from NWF to help with garden design and plant selection and to review your implementation timeline. Arrange a time for 2 additional site visits during the 2016-2017 school year.
- 5) Install your garden by October 2016. Certify as SYH with NWF by May 2017 and apply for Eco-Schools USA Bronze Award.

POWELL FOUNDATION



HAMMAN FOUNDATION

Monarch Heroes Program – 6-8

Grant Application - \$2000

Continued.....



- 6) Complete 3 short teachers surveys May 2016, December 2016 and May 2017 and 1 student self-assessment May 2017
- 7) Submit a maintenance plan for your garden and at least 6 photos that include before and after shots of your site, students and volunteers implementing the garden, student learning in the garden. Due to NWF by May 2017

Signatures Needed:

Monarch Team

Name	Position

Principal

As principal of _____ middle school. I fully support the Monarch Heroes project as outlined above and my teachers and students efforts in creating monarch habitat on our campus and using the space as an outdoor classroom.

Printed Name: _____

Signature: _____

Please scan and return full agreement by 1-25-16 by email to fowler@nwf.org

