

# Pre-& Post- Field Trip Activities

Aligned to TEKS for grades 3-6



The butterfly exhibit provides an excellent opportunity to learn about butterflies and the role they play as pollinators. Not only will those who visit the exhibit have the chance to get an up close look at exotic butterflies, they will also be able to observe the co-dependent relationship between plants and butterflies. As pollinators, butterflies provide a crucial role of transporting pollen from flower to flower. In order to increase familiarity about the partnership between plants and insects and to enhance your experience at the exhibit there are several pre-tour activities available through the North American Pollinator Protection Campaign (NAPPC) website. To download the following activities, go to <http://www.nappc.org/curriculum/>.

Module 1: Activity A (<http://www.nappc.org/curriculum/session1b.php>) is a field activity which can be performed at your school or the Botanic Garden. It encourages students to observe the pollination process and explore the reasons why certain pollinators visit specific flowers.

Module 1: Activity C (<http://www.nappc.org/curriculum/session1d.php>) is another pre-tour activity that can be done in the classroom. This activity has students think about importance of pollinators and what our world might be like without them. It will demonstrate to students that pollinators have a direct effect on their daily lives.

While visiting the butterflies at the Botanic Garden, you will be exposed to several types of exotic butterflies and many fascinating tropical plants. To understand the pollination process, you must be familiar with pollinating insects as well as the anatomy of flowers and what makes them attractive to pollinators. Visit Module 2 (<http://www.nappc.org/curriculum/session2a.php>) for access to activities which highlight plant reproduction and the role of pollination.

Once you have visited the Conservatory, the Pollination Partners exhibit, and the Botanic Garden, we encourage you to continue your exploration of pollination.

Module 3: Activity B (<http://www.nappc.org/curriculum/session3c.php>) is a suggested classroom activity where students will use the knowledge they gained at the exhibit to create a new pollinator of their own. This activity will identify the concepts related to insect adaptation and the role they play in maintaining our ecological system.

TEKS	3rd	4th	5th	6th
Sci. 1	A, B	A, B	A, B	A, B
2	A - E	A-E	A-E	A-E
3	C,D	C	C	C
4				B
5	A,B	A,B	A,B	A,B
6			C	
7				A
8	A,B	A, B		C
9	A, B	A, B	A-C	
10	A,B	A	A,B	A,C
11				A
12				A-C

## Module 3: Activity D

(<http://www.nappc.org/curriculum/session3e.php>) is an outdoor activity that allows students to compare the exhibit butterflies to the pollinators in their own backyard or school yard. Using the “Pan Trap” method, students will conduct an experiment to discover local insects and flower colors which attract them.

These are just some of the possible pre/post tour activities that are available from NAPPC. For more education activities, including how to create pollinator habitats at your location, please visit the NAPPC website at <http://www.nappc.org/curriculum/>.