Book Title: *Butterflies in the Garden*
Author and Illustrator: Carol Lerner
Readability Level: 3.3 Interest Level: K-3

**SCIENCE PROCESS SKILLS:**

<table>
<thead>
<tr>
<th>Observation: Physical characteristics of butterflies and flowers, stages in the life cycle of a butterfly,</th>
<th>Classification: Families of butterflies classified by physical characteristics</th>
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</thead>
<tbody>
<tr>
<td>Measurement: Time for a complete life cycle</td>
<td>Prediction:</td>
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<tr>
<td>Inference: Planting flowers will encourage butterflies to frequent a garden</td>
<td>Communicating Data: The types of flowers butterflies prefer, the stages and characteristics on the life cycle of butterflies</td>
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</tbody>
</table>

**Investigative Process:**

Science Concepts: There is great variety in butterfly populations. Certain plants are a favored food source for certain butterflies. Butterflies within the same biologic family share certain physical characteristics. By planting plants with flowers that attract butterflies, humans help the survival of organisms. Additionally, by providing rotting fruit and water for butterflies, humans assist the survival of butterflies. The life cycle of butterflies is addressed in the book.

Science Vocabulary: Butterflies, garden, sunlight, flowers, plants, nectar, liquid, food, proboscis, families, swallowtails, whites and sulfurs, gossamer wings, color, spring, summer, brushfoots, skippers, petunia, nicotiana, Sweet William, heliotrope, Johnny-jump-up, shadragon, daisy, phlox, purple coneflower, aster, Black-Eyed Susan, butterfly bush, butterfly weed, perennial plants, poisons, pests, puddling, lupine, colombine, hollyhock, cleome, turtlehead, false indigo, eggs, caterpillars, vegetables, cabbage, carrots, parsley, weedy plants, thistle, white sweet clover, pink clover, milkweed, Queen Anne’s Lace, jaws, chewing, shed. The endpapers of the book are filled with pictures and names of butterflies included in the story.

**Michigan Curriculum Framework Science Benchmarks Addressed:**

Constructing: SCI I.1E1, SCI I.1E2, SCI I.1E5
Reflecting: SCI II.1E1, SCI II.1E2, SCI II.1E4

Note: *Butterflies in the Garden* is recognized by NSTA as an Outstanding Science Trade Book for Children: 2003

**Genre:** Narrative (Picture Book)

**Story Brief:** *Butterflies in the Garden* includes accurate scientific information about the life cycles of butterflies, the types of wild, native and cultivated plants that will attract butterflies and the identity of each butterfly illustrated in the book. In simple terms, the information necessary to encourage visits by butterflies in your own garden is provided. The idea of growing a garden to invite butterflies is encouraged, but the information on how to actually garden is not included.

**Number of Pages:** 29

**Comments:** The illustrations are carefully matched to the text and support the scientific concepts of life cycles and the inter-relationship of plant and butterfly. The endpapers contain illustrations and names of the included butterfly species in the book. The illustrations are carefully done so that the characteristics of the plants and animals addressed in the book appear realistic and true to life.
Other Related Trade Books:

Butterfly Count by Sneed Collard III
From Egg to Butterfly by Shannon Zemlicka

Related Websites:
http://www.ext.colostate.edu/pubs/insect/05504.html
http://www.enchantedlearning.com/subjects/butterfly/allabout/Garden.shtml