Activity Two:
Pop-Up Paper Engineering

What you need:
- Paper Engineering – Pop-up card
- Paper butterfly/moth template (See p.4)
- Crayons or markers
- Card stock
- Printer paper
- White craft glue
- How-to Video at - http://cosmos.bgsu.edu/handson.htm
  Video courtesy of http://www.popupbooks.com/home.html

What to do:
1. Cut out the rectangular card and fold it in half along the dotted line.
2. Using your journal sketches and websites or books as your guide, color then cut out your butterfly/moth.
3. Following the instructions in the video, carefully glue the inserts into the card.
4. Close the card and let the glue dry for about 10 minutes.
5. Write the name of your insect and what species it is on the front of the card and a butterfly or moth fact.
6. Open your pop-up card and enjoy.

*Using the template as your guide, you may create your own template to make an exact replica of the butterfly or moth you observed – with wing shape, antennae and all.

This activity is derived from David A. Carter and James Diaz’ book, Elements of Pop-Up: A Pop Up Book For Aspiring Paper Engineers.

For more templates and pop-up book ideas to implement in the STEM classroom, please visit David Carter’s website at http://www.popupbooks.com/home.html

More fun sites on the art and science of paper engineering:

Mark Hiner – Paper Engineer - http://www.markhiner.co.uk/


Bruce Foster – Paper Engineering: http://paperpops.com/

This activity was inspired by and is dedicated to Mrs. Linda Penn.
Beautiful Butterfly