



# Symmetry In Nature

ADAPTED FROM NATIONAL WILDLIFE FEDERATION'S *MONARCH MISSION*, PK-5 EDITION, ACTIVITY 4

## Investigating Question: What is symmetry?

### MATERIALS

- Butterfly symmetry handout
- LEGOS or other manipulatives
- Book suggestions include:
  - Looking at Nature: What is Symmetry in Nature? by Bobbie Kalman
  - Otto and the New Girl: Symmetry (Math Matters®) by Nan Walker

### PREPARATION

This activity is adapted from Fun at Home with Kids, Learning Symmetry with LEGOs and Butterflies, <https://www.funathomewithkids.com/2014/06/learning-symmetry-with-legos-and.html>

You may want to enlarge the symmetry handout and trace on to poster board, providing children with a larger working surface.

Organize 2 identical trays of LEGOs or manipulative for children to use. This will help them process the activity.

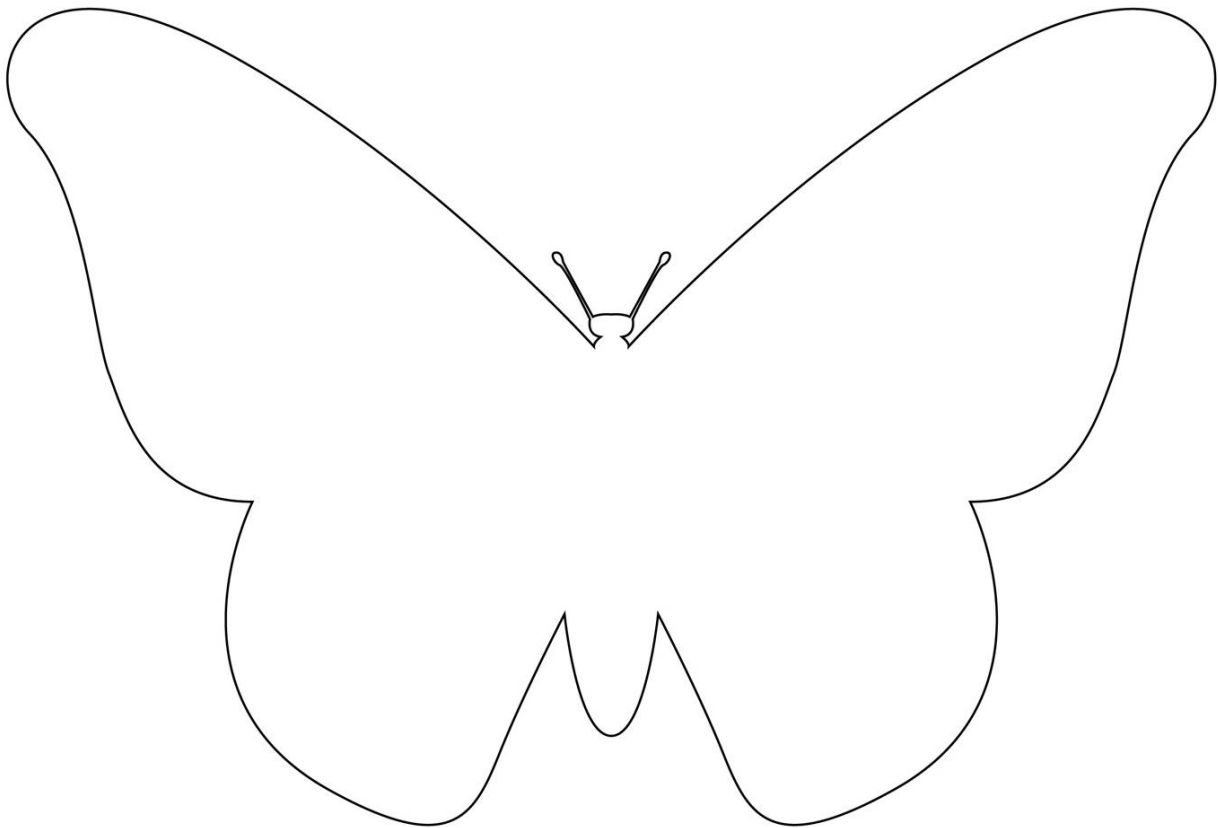


### WHAT TO DO.

1. Read one of the books suggested above (check out a book virtually from the library) or utilize this read aloud, <https://youtu.be/S6SfHkm5-QY>.
2. Provide your children with the handout, Butterfly Symmetry, along with either two trays of LEGOs; one tray is to be used on the LEFT and the other tray for the RIGHT.
3. Ask the children only to make a design on the LEFT side of the butterfly.
4. Once children complete the LEFT side, have them fill in the RIGHT side, making it look the same as the LEFT, or symmetrical to the LEFT.
5. Take a walk around the neighborhood and look for symmetrical items in nature.
6. Take a picture and hang it up.



# SYMMETRY



[www.timvandevall.com](http://www.timvandevall.com)