Symmetrical Sun Catcher Lesson

Grade Level: K-2

Learning Objectives:

I can use symmetry to create art.
I can use geometric shapes to show symmetry.
I can find symmetry in nature, and draw it.

Materials: Fine black permanent markers
Colorful watercolor markers
Coffee filters

Warm-Up Activities: Symmetry song by Greg Percy "Songs in the Key of Art" Vol.1
Books - What is Symmetry in Nature? by Bobbie Kalman
Seeing Symmetry by Loreen Leedy

Introduction:

1. **Use common geometrical shapes to show symmetry. Show how to fold a triangle to show symmetry and then fold it to show how it isn't symmetrical.**
2. **Ask students to turn and share with the person next to them what they think symmetry is.**
   Symmetry: When two sides of an object match, there is symmetry.
3. **Show letters of the alphabet. Are any letters of the alphabet symmetrical?**
   How can we use symmetry in our art? Show examples of art that have symmetry.
4. **Read What is Symmetry in Nature? by Bobbie Kalman. Have students discuss animals and things they find in nature that demonstrates symmetry.**

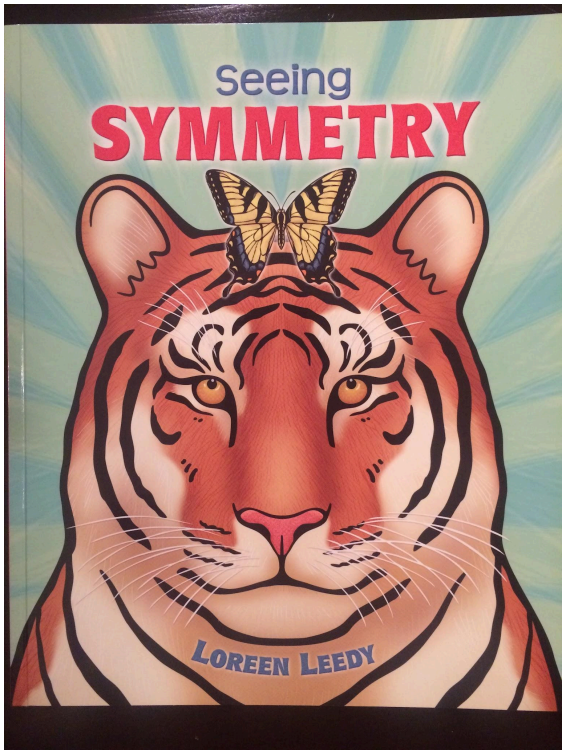
Introduce project - Students will use coffee filters to draw lines of symmetry to create a drawing of a Spring Object.

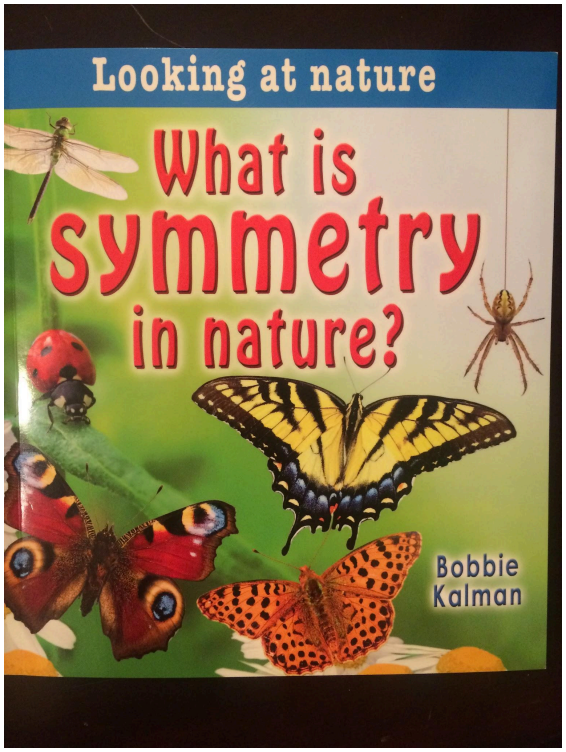
1. **Fold coffee filters in half.**
2. **Demonstrate drawing half of the object on the coffee filter using a fine sharpie marker. Use guides * (butterfly, frog, flower, dragonfly, sun)**
3. **The sharpie lines will bleed onto the other side and have students go over the faint line to darken it.**
4. **Have students draw a border around their picture to add interest.**
5. **Have students color in the object and background using bright markers leaving no white space.**

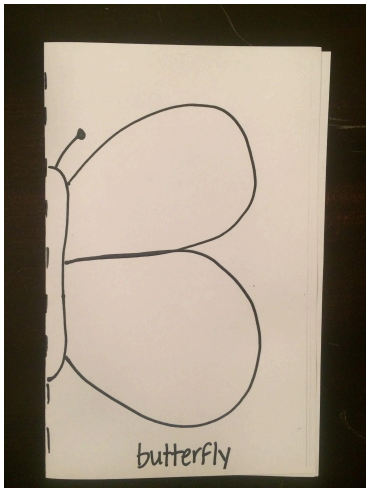
Reflection/Assessment: Have students identify objects that show symmetry.

Display/Presentation:

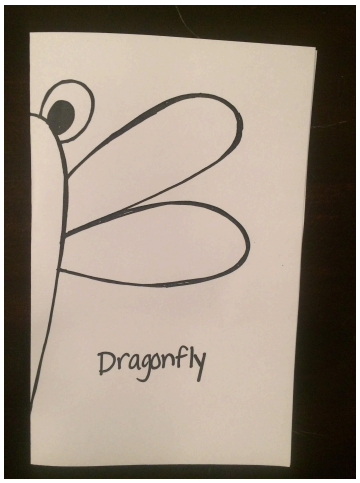
Laminate the finished product to strengthen the coffee filters. (Laminating really makes the color brighter and more vibrant when the sun shines on it) Hang the suncatcher in a window that receives a lot of light.

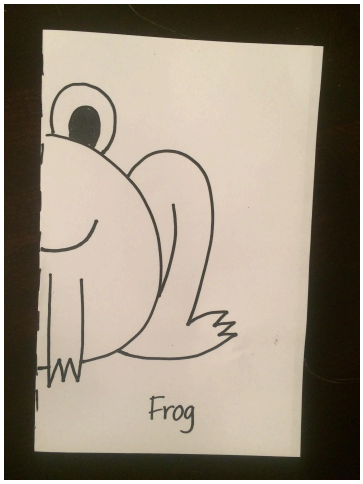

Seeing
SYMMETRY
LOREEN LEEDY

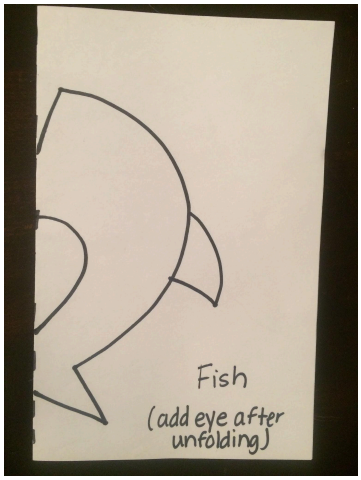

Looking at nature
What is
symmetry
in nature?
Bobbie
Kalman


butterfly


Flower


Dragonfly


Frog


Fish
(add eye after unfolding)




Vinny IW
Drew IW
Hunter IW
IRS