

DWe Williams | Session 3:

The Mighty Magnificent Monarch Butterfly

List of Required Supplies:

1. Watercolor paints
2. Paint brushes
3. Paper towels
4. Water container
5. Watercolor paper
6. Butterfly templet
7. Paint shirts
8. Markers
9. Bling
10. Color pencils
11. Crayons
12. Self-adhesive magnet strip
13. Water container
14. Tempera paint
15. Styrofoam plate

Space/Facility Requirements: Running water, table, chairs, table covering

Student Time Required: 45-60 minutes

Additional Links: <https://youtu.be/sYXWJTly9Fk> (video instruction)

The monarch butterfly is orange, black, and white. But what would a one-of-a-kind butterfly look like? No need to be symmetrical. Design your own “fantasy.” Mix new colors of paint, add bling, texture, and whatever you like to make your butterfly one-of-a-kind.

Discuss: Asymmetrical – parts that do not match. They are not equal or do not correspond to each other in size, shape, color, texture, direction, or purpose.
Not symmetrical.

Create your own palette – a range or selection of colors – choice of colors.

Step-by-step Instructions:

16. Provide each student with butterfly templet and supplies. Support student work but let them have freedom and control over their artwork (within reason!). When butterflies are completed, laminate and create a mobile or a set of refrigerator magnets.
17. Discuss other plant pollinators and plant predators. Build some other pollinator out of recycled materials.

Science

The monarch butterfly travels further than any other butterfly when it migrates to Mexico. Millions of monarch butterflies attach to tree trunks and limbs of trees in Mexico to winter over.

While you may not be able to hear one monarch butterfly flapping its wings a million monarchs sound like a _____.

Monarch butterflies flap their wings 5-12 times in one second. How fast can you flap your wings?

A monarch butterfly can travel 12 miles in an hour. If you traveled one mile each day, how many days would it take you to walk 12 miles?

Let's start walking one mile a day until we reach 12 miles. Ready set
GOOOOOOOOOOOOOOOOO!

Make yourself a set of monarch butterfly wings out of recycled materials. What colors would be in your palette?

Will your wings be symmetrical or asymmetrical?

