

Monarch Butterflies STEM Journey August 2013 to 2025





Student holding a monarch butterfly safely to be released outside to make its journey to Mexico.



Working with parent volunteers to create visuals for our ribbon cutting ceremony.



<https://www.forsythnews.com/local/education/kelly-mill-elementary-creates-monarch-habitat-in-new-garden/>

September 2016

Forsyth County Chamber of Commerce-ribbon cutting ceremony

Community Members-UGA Extension Office

Lowe's Home Improvement-planned, designed with students and created all the benches.

Eagle Scouts-built two pergolas



Collecting data on all the monarch eggs we find, bringing them in from outside to increase their chance of surviving into a butterfly. Tracking females and males, tracking to see if parasites have attacked them, and observations of the process.



Students realized we need to do more than just having outdoor gardens and milkweed at school so reaching out to the community to put gardens and milkweed at different parks in the county seems like their next step.

<https://www.forsythnews.com/local/kelly-mill-lions-club-team-braille-trail-butterfly-garden-fowler-park/>

Lions Club of Forsyth County-partnership

Quadratic Jeep Grant for funding pollinator areas

Keep Forsyth County Beautiful-Kevin Smith

Video of a monarch butterfly getting tagged and released below.



We reported our monarchs to this website-<https://www.monarchwatch.org/tagging/>

Link to video

https://drive.google.com/file/d/1_ok2phH7bRljlgycTjSqNE3Y4bXMeSTz/view?usp=sharing

Participating in the Symbolic Monarch Program with our Dual Language Immersion program at Kelly Mill.

<https://journeynorth.org/symbolic-migration>



Students create classroom letters and butterflies to send to Mexico, and wait for handmade butterflies to return to them from other students around the world.

2018-2024



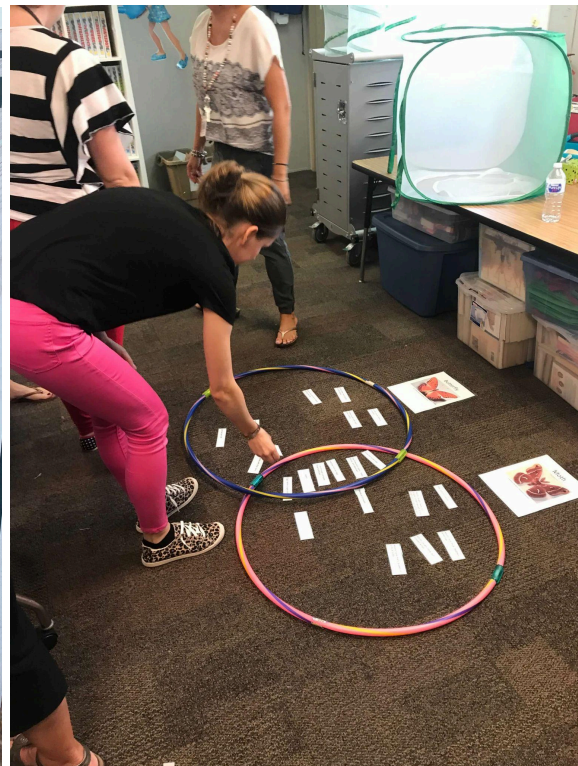
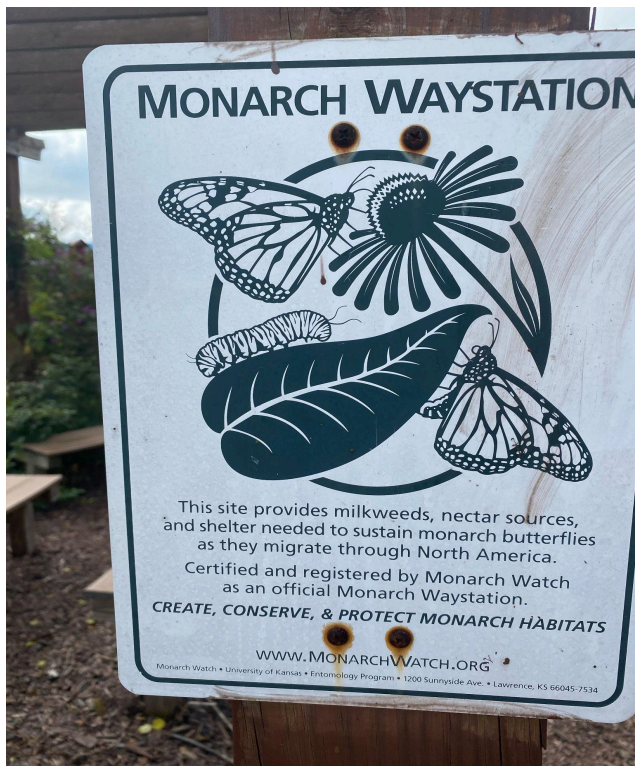
Growing milkweed for the monarch butterflies-measuring the growth and we evaluate our stratification process by trying different methods to see which one works best for future students.



Photo of milkweed learning garden 2024



Monarch chrysalises displayed in atrium each year.



Professional Development for KME teachers on using our outdoor monarch waystation to teach life cycles, and different outdoor learning lessons.







Students working with local business to create reusable bags for our school business 2024