Place Based & Community Enrichment

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“If a child is to keep alive his inborn sense of wonder . . . he needs the companionship of at least one adult who can share it, rediscovering with him the joy, excitement and mystery of the world we live in .”

—Rachel Carson
• I Notice
• I Wonder
• Why is it There?
• Why Should I Care?
• Should we do anything About it?
Engagement & Authenticity
Citizen Science

Monarch Watch
Did you know that every spring and summer in the United States and Canada thousands of butterflies flutter thousands of miles in migration? Many of them carry numbers, and you may be one of the sharp-eyed observers to help trace these mysterious travelers.

The best-known method of marking migratory monarch butterflies has, it would seem, one distinct disadvantage. Unless the observers are aware of the significance of the marked specimens, they will not know in whom the information should be sent. To overcome this difficulty, a most successful method was originated at the Field Ontario Museum of Zoology and Paleontology in Toronto, Canada.

Scientists there simply punched a hole in the wing of the butterfly with a paper punch. Over this hole, which was made immediately behind the stout marginal vein of the wing, was placed a tiny white paper label—about a half inch by a quarter inch—bearing the instructions: "Return to Museum of Toronto, Canada." A field number was also written in pencil on this label, which showed who had tagged the specimen and where it had been tagged. Each information being recorded at the time the butterfly was released. Then the gummed label was folded over the edge of the wing and glued to itself through the hole. The weight of the label partly compensated for the piece of wing that had been removed, thus keeping the butterfly’s flight as normal as possible.

With this equipment, butterfly-handlers went to the margins of Lake Ontario, where they would occur lakes with migrating monarchs. One by one they returned.
https://journeynorth.org/monarchs
Online Courses

Grosvenor Teacher Fellowship
Within a span of under 6 months, an annular eclipse and total eclipse will criss-cross North America with Texas being the bullseye for both solar eclipses.
Ring of Fire

Eclipse Double Header
It’s Me!

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Awesome words