

Do you want to help your students improve their observation and science writing skills?

Join us for professional development on resources to facilitate teaching these skills while participating in NASA's oldest citizen science project about the environment.

The ENGAGE (Earth, NASA, GLOBE And Guided Explorations) GLOBE Mission Earth program provides an opportunity for in-service middle and high school educators in the United States to participate in a year-long program including professional development and ongoing support from a NASA mentor. Participants will incorporate [The GLOBE Program](#) (Global Learning and Observations to Benefit the Environment) to help students utilize observation skills, explore Earth science content, and practice science writing skills. [Pacing guides](#) and lesson plans centered on outdoor environmental observations will be provided. The sequence will culminate in student writing that will be considered for publication on the GLOBE website.

Timeline and Expectations

Summer Professional Learning Schedule (15 hours virtual)

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|----------------------|----------------------|-----------------|
| July 20, 2022 | 1 - 2 pm eastern | Kickoff Meeting |
| Pre-work on your own | Approximately 5 hrs. | GLOBE eTraining |
| August 3, 2022 | 1 - 4 pm eastern | Session 1 |
| August 4, 2022 | 1 - 4 pm eastern | Session 2 |
| August 5, 2022 | 1 - 4 pm eastern | Session 3 |

School Year Expectations (One hour per monthly virtual meeting (8) plus 12 hours for implementation)

Educator Professional Learning

- Monthly cohort sessions
 - First Tuesday of each month from 7 - 8 pm eastern time (09/06, 10/04, 11/01, 12/06, 01/03, 02/07, 03/07, 04/04)
 - Teachers complete monthly milestones and share results
 - Support and content for the next milestone and additional NASA resources

Classroom Activities - Anticipated to take 12 class periods

- Introduction to Science Writing Nature Notes Format
- Complete GLOBE Educator One Week Pacing Guide
- Students write GLOBE Nature Note
- Complete GLOBE Nature Note Peer Review Process with another school in the cohort

NASA Langley Research Center's GLOBE Partnership is accepting applications for the ENGAGE GLOBE Mission Earth educator cohort for the 2022-2023 school year. Apply at this link <https://forms.gle/LKmb1udUi9xMyieUA>.

A broad range of educators (science, math, computer science, library, STEM/STEAM, etc.) are welcome to apply. While the content is focused on Earth Science, it can be incorporated in many creative ways in learning settings. Applications are due by June 24, 2022. Questions or Comments? Please contact Angela Rizzi at angela.rizzi@nasa.gov or Rosalba Giarratano at rosalba.giarratano@ssaihq.com.

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