

2021-2022 ENGAGE (Earth, NASA, GLOBE And Guided Explorations) GLOBE Mission Earth Educator Cohort Information



The ENGAGE [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. It focuses on Earth Science and data literacy using NASA resources and incorporates the [GLOBE](#) (Global Learning and Observations to Benefit the Environment) program and [My NASA Data](#). Professional development sessions will include GLOBE protocol training, supporting activities and complementary NASA resources. Educators will use the resources and training to facilitate student projects which will be shared with NASA scientists during a May 2022 showcase. Support for educators will be provided throughout the school year including collaboration opportunities, subject matter expert connections, and implementation and student project support. Each educator will receive one infrared thermometer and one calibration thermometer.

Through participation in summer training, educators will receive [GLOBE Atmosphere](#) training and certification. Educators will receive approximately 15 hours of professional development during the summer training (including some independent work).

Once educators return to their classroom, they will continue collaborations with their cohort and NASA mentor through monthly professional development sessions. In May 2022, educators will summarize their implementation efforts and showcase student work in the ENGAGE GME showcase. *Letters with hours of participation will be provided by NASA.*

Timeline and Expectations

Summer Schedule

- | | | |
|-------------------------|--------------------------------|-----------------|
| ● July 21, 2021 | 1 - 2 pm Eastern Daylight Time | Kickoff Meeting |
| ● Pre-work on your own, | approximately 5 hours | GLOBE eTraining |
| ● August 3, 2021 | 1 - 4 pm Eastern Daylight Time | Session 1 |
| ● August 4, 2021 | 1 - 4 pm Eastern Daylight Time | Session 2 |
| ● August 5, 2021 | 1 - 4 pm Eastern Daylight Time | Session 3 |

School Year

- Monthly hour long sessions will be scheduled.
- Office hours will be scheduled.
- May ENGAGE GME Showcase will be scheduled.

Priority will be given to teams of two or more from the same school or school district. Each team member must apply or already be GLOBE trained. 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, we understand that it can be incorporated in many creative ways in learning settings.

Applications are due by June 25, 2021. Applications can be found at:
<https://forms.gle/XNTWMe7Z2ne9Goh29>.

If you have questions? Please contact Angela Rizzi at angela.rizzi@nasa.gov.