K-12 Professional Development Programs

Education GeoSource

These resources provide visitors with the widest possible collection of curricula, classroom activities, teacher professional development opportunities, science education standards, & much more.

EarthComm

(High School)

Acquire information about how to plan and lead workshops on Earth System Science in the Community (EarthComm) at this comprehensive professional development website.

IES

(Middle School)

Information about providing professional development on Investigating Earth Systems (IES) can be found on this website.

K-5 GeoSource

(Elementary School)

This one-stop professional development website for teaching Earth science at the elementary level offers content, activities, and services.

2023 Teaching & Learning Academy

This academy, funded by ExxonMobil, will build on AGI’s long-standing expertise and extensive resources in geoscience education and is designed for K-8 teachers who have recently entered Earth and space science teaching roles. The Elementary school-level TLA (updated flyer found here) will run July 16-19, 2023 and the Middle school-level TLA (updated flyer found here) will run July 19-22, 2023. Email us (tla@americangeosciences.org) for more.

Featured Member Society Programs

AGI is a federation of 52 member societies. Many of those member societies also provide outstanding resources for teachers. One of those resources is featured below.

PRI Virtual Fieldwork

ReaL Earth System Science is a project of the Paleontological Research Institution (PRI) and its Museum of the Earth that helps introduce Regional and Local Earth system science using an inquiry approach. The project is grounded in the idea of using the local environment to understand the global environment.

For more information about these and other programs, visit the Center for Geoscience and Society. There you will find databases
of information about curricula, professional development, policy concerns, and much more.