

Questionnaire:

The questionnaire is divided into **three parts**. Please have your students respond to all questions in Section 1. In Section 2 and 3, students may select the questions most relevant to them. If students have additional information they would like to share, we'll welcome them to include that too. Definitions of 'STEM' and 'Earth Stewardship' are located at the bottom for clarification.

Section 1: General:

- 1) Who are you? Please identify your age, gender, level of education, ethnicity, country of origin and current residence.

- 2) Describe your involvement with GLOBE. What school are you participating with, and where? How long have you been a GLOBE student?

Section 2: STEM (Science, Technology, Engineering, Math)

This next section is for GLOBE students who are considering a future, or intend to pursue further education, in STEM.

- 1) From participating in GLOBE, have you considered pursuing/decided to pursue further education or a career in STEM? Please describe the area of study you plan to engage with, and your future career ambitions.

- 2) How has GLOBE provided inspiration, encouragement, support and resources towards your future ambitions in STEM?

- 3) Which of the following relate to your educational and/or professional goals?
 - a. Teaching others about science
 - b. Learning new science topics
 - c. Collaborating with others on projects related to the environment
 - d. Inspiring and engaging others to get involved in the sciences

Section 3: Earth Stewardship

Connect your GLOBE experiences to a sense of Earth Stewardship.

- 1) How has participating in GLOBE:
 - a. Influenced your perceptions and attitudes towards the natural world?
 - b. Influenced your perceptions and attitudes towards other cultures?
 - c. Helped inform your understanding of the importance of healthy ecosystems?
 - d. Influenced your connection to nature?

- 2) How has GLOBE:
 - a. Informed your understanding on the importance of collaboration for environmental issues?
 - b. Helped you develop a concern for the environment?
 - c. Instilled in you a moral obligation to preserve and restore natural resources?

d. Helped influence any environmentally positive actions, small or large, you have taken and/or take today?

3) Describe your personal relationship with nature. Do you enjoy spending quality time outdoors, and what do you enjoy doing? Is spending time in nature an important part of your life, and how do you benefit from it?

4) Do you have a personal favorite place in nature, or a favorite nature place you've visited? Please describe the place and your connection to it.

Definitions:

1) STEM (Science, Technology, Engineering, and Math):

STEM is an acronym for the fields of study in science, technology, engineering, and mathematics. The term is used to describe academic and professional areas within each of the four areas.

Examples of STEM fields for each category are as follows:

Science: *physics, chemistry, biology, geology, conservation*

Technology: *information technology, computer science (programming and research)*

Engineering: *agricultural, civil, electrical, mechanical*

Math: *statistics, operation research analysis*

2) Earth Stewardship:

For the purposes of this questionnaire, 'Earth Stewardship' will be defined as pro-environmental attitudes, actions, behaviors; a personal sense of responsibility to take care of the Earth and actions taken to promote a healthy environment and world.