

Student Survey

1. Name of class (e.g., Earth Science I):

2. Grade: _____

3. Age: _____

4. Gender (circle one): MALE FEMALE

Please answer the following questions about your science class this year.

5. **About how often do you take part in the following types of activities in the science class you're in right now, as part of GLOBE or any other classroom activity?**

	Never	Some-times	1-3 times a Month	1-3 times a Week	Almost Everyday
a. Memorize basic facts and formulas that are emphasized in the textbook.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Do hands-on/laboratory activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Work on projects that take a week or more.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Get to plan your own science investigations.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Collect environmental data at a research site	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Look at the same data displayed in different ways (for example, table and graph)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Identify why different students might get different results from the same study (for example, differences in procedure or misreading a gauge)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Analyze data from multiple sources related to the same problem or event....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Come up with explanations of data	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Write a report to explain your thinking or reasoning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. How much have you studied the following ideas about Hydrology as part of this science class this year? Mark one box to the right of each concept listed below.

Not at all	1 to 5 class periods	More than 5 class periods
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- | | | | |
|----------------------------|--------------------------|--------------------------|--------------------------|
| a. Water Transparency | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Water Temperature | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Dissolved Oxygen (DO) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. pH | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Electrical Conductivity | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

7. How much have you studied the following ideas about Land Cover as part of this science class this year? Mark one box to the right of each concept listed below.

Not at all	1 to 5 class periods	More than 5 class periods
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- | | | | |
|---|--------------------------|--------------------------|--------------------------|
| a. Global Positioning Systems (GPS) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Classification of land cover from satellite images | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Manual interpretation of land cover | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Accuracy assessment in interpretation of satellite images sometimes called "ground-truthing" | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Measurement of tree canopy cover | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

No time	1 hour or less	More than 1 hour
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8. How much time do you spend each week doing science homework or learning about science when you're not at school?

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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The following statements ask about your ideas concerning science and what scientists do.

9. Please check the box that best shows how much you agree or disagree with each statement.

Strongly agree Agree Disagree Strongly disagree

	Strongly agree	Agree	Disagree	Strongly disagree
a. I am good at science	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Doing science often makes me nervous or upset.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. I often get scared when I open my science book and see a page of problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. I am interested in a career in science....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. It is important to know science to get a good job	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. I enjoy learning how to use technology (such as calculators and computers) in science.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. I am not interested in studying science in college.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. You have to have good luck to do well in science.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. You have to work hard studying at home to do well in science	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. You have to have natural talent or natural ability to do well in science	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. You have to memorize the textbook or your notes to do well in science	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. You have to work on a team to do well in science.....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. You have to analyze data critically to do well in science	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

10. How much time does a scientist spend doing the following things?

	<u>A lot</u>	<u>Some</u>	<u>A little</u>	<u>None</u>
a. Using evidence to support a theory.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Explaining the results of an experiment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Discussing results of investigations with other scientists.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Finding evidence showing how things happen in the world.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Planning experiments and writing reports.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Collecting data.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Studying a problem without a clear solution.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Using scientific evidence to find out if a theory is true or false.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Defending their points of view or ideas.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>