

STEM-IC Survey (Grades 4-12)

This two-part questionnaire is designed to assess your interest in STEM and STEM careers. It should require about 2 minutes of your time. Usually it is best to respond with your first impression, without giving a question much thought. Your answers will remain confidential.

ID: _____ Assign a unique ID to each student and use this same id for the pre and post survey.

School: _____

Instructions: Choose one circle between each word or phrase pair to indicate how you feel about the statement.

Science, technology, engineering, or mathematics (is):

1.	Easy for me	①	②	③	④	⑤	⑥	⑦	Hard for me
2.	Something I enjoy very much	①	②	③	④	⑤	⑥	⑦	Something that I dislike
3.	Makes me feel tense	①	②	③	④	⑤	⑥	⑦	Makes me feel relaxed
4.	Of little importance	①	②	③	④	⑤	⑥	⑦	Of great importance
5.	Helpful in solving everyday problems	①	②	③	④	⑤	⑥	⑦	Useless in everyday life

To me a CAREER in science, technology, engineering, or mathematics (is):

6.	Desirable	①	②	③	④	⑤	⑥	⑦	Undesirable
7.	Means nothing	①	②	③	④	⑤	⑥	⑦	Means a lot
8.	Boring	①	②	③	④	⑤	⑥	⑦	Interesting
9.	Exciting	①	②	③	④	⑤	⑥	⑦	Unexciting
10.	Fascinating	①	②	③	④	⑤	⑥	⑦	Ordinary

To be successful:

11.	Learning STEM subjects is not necessary	①	②	③	④	⑤	⑥	⑦	Learning STEM subjects is necessary
12.	Understanding science is important	①	②	③	④	⑤	⑥	⑦	Understanding science is not important
13.	Understanding technology is useful	①	②	③	④	⑤	⑥	⑦	Understanding technology is useless
14.	Understanding engineering is valuable	①	②	③	④	⑤	⑥	⑦	Understanding engineering is insignificant
15.	Understanding mathematics is trivial	①	②	③	④	⑤	⑥	⑦	Understanding mathematics is crucial

Literacy-IC Survey (Grades 4-12)

This two-part questionnaire is designed to assess your interest in Literacy and Literacy careers. It should require about 2 minutes of your time. Usually it is best to respond with your first impression, without giving a question much thought. Your answers will remain confidential.

ID: _____ Use the year and day of your birthday (ex 0225 if born on the 25th day of any month in 2002.

School: _____

Instructions: Choose one circle between each word or phrase pair to indicate how you feel about the statement.

Reading and writing (is):

1.	Is easy for me	①	②	③	④	⑤	⑥	⑦	Is too hard for me
2.	Something I enjoy very much	①	②	③	④	⑤	⑥	⑦	Something that I dislike
3.	Makes me feel tense	①	②	③	④	⑤	⑥	⑦	Makes me feel relaxed
4.	Of little importance	①	②	③	④	⑤	⑥	⑦	Is of great importance
5.	Helpful in solving everyday problems	①	②	③	④	⑤	⑥	⑦	Useless in everyday life

To me a CAREER that involves reading and writing (is):

6.	Desirable	①	②	③	④	⑤	⑥	⑦	Undesirable
7.	Means nothing	①	②	③	④	⑤	⑥	⑦	Means a lot
8.	Boring	①	②	③	④	⑤	⑥	⑦	Interesting
9.	Exciting	①	②	③	④	⑤	⑥	⑦	Unexciting
10.	Fascinating	①	②	③	④	⑤	⑥	⑦	Ordinary

To be successful:

11.	Reading is important	①	②	③	④	⑤	⑥	⑦	Reading is of little importance
12.	Evaluating reading is an optional skill	①	②	③	④	⑤	⑥	⑦	Evaluating reading is a necessary skill
13.	Critique of my writing is trivial	①	②	③	④	⑤	⑥	⑦	Critique of my writing is crucial
14.	Reading the work of expert writers is useful	①	②	③	④	⑤	⑥	⑦	Reading the work of expert writers is useless
15.	communicating through reading and writing is valuable	①	②	③	④	⑤	⑥	⑦	communicating through reading and writing is insignificant

Science-ISCD Survey (Grades preK-3)

This two-part questionnaire is designed to assess your interest in STEM and STEM careers. It should require about 2 minutes of your time. Usually it is best to respond with your first impression, without giving a question much thought. Your answers will remain confidential.

ID: _____ Assign a unique ID to each student and use this same id for the pre and post survey.

School: _____

Instructions: Choose one circle between each word or phrase pair to indicate how you feel about the statement. (NOTE: The teacher may read the statements aloud, especially for younger children)

How often do you feel about each statement?	Always	Sometimes	Never
1. I want to be a scientist when I grow up	☺	☹	☹
2. Science is good for everybody	☺	☹	☹
3. Lots more money should be spent on science	☺	☹	☹
4. You have to be smart to do science	☺	☹	☹
5. Science is just too difficult	☺	☹	☹
6. Science makes life better by creating new things	☺	☹	☹
7. Our food is safer thanks to science	☺	☹	☹
8. School science clubs are a good idea	☺	☹	☹
9. Science makes me think	☺	☹	☹
10. I always read about science	☺	☹	☹
11. I like to be given science items presents	☺	☹	☹
12. I like to watch science programs on TV	☺	☹	☹
13. We do too much science in school	☺	☹	☹
14. We have to do too much work in science	☺	☹	☹
15. We have to do too much writing in science	☺	☹	☹

Science Enthusiasm. This scale measures student enthusiasm for science.

Items:

- | | |
|---------|---------|
| 1. (+) | 11. (+) |
| 8. (+) | 12. (+) |
| 10. (+) | |

Social Context. This scale measures student perceptions of science as a social endeavor.

Items:

- | | |
|--------|--------|
| 2. (+) | 7. (+) |
| 3. (+) | 9. (+) |
| 6. (+) | |

Difficult Subject. This scale measures student perceptions of the difficulty of science.

Items:

- | | |
|---------|---------|
| 4. (-) | 14. (-) |
| 5. (-) | 15. (-) |
| 13. (-) | |

Literacy-ISCD Survey (Grades preK-3)

This two-part questionnaire is designed to assess your interest in STEM and STEM careers. It should require about 2 minutes of your time. Usually it is best to respond with your first impression, without giving a question much thought. Your answers will remain confidential.

ID: _____ Assign a unique ID to each student and use this same id for the pre and post survey.

School: _____

Instructions: Choose one circle between each word or phrase pair to indicate how you feel about the statement. (NOTE: The teacher may read the statements aloud, especially for younger children)

How often do you feel about each statement?		Always	Sometimes	Never
1.	I want to be a writer when I grow up	☺	☹	☹
2.	I like to talk to my friends about what I read	☺	☹	☹
3.	Lots more money should be spent on books and magazines	☺	☹	☹
4.	You have to be smart to read and write	☺	☹	☹
5.	Reading and writing are too hard	☺	☹	☹
6.	Reading and writing make things easier to understand	☺	☹	☹
7.	I know more because I can read and write	☺	☹	☹
8.	School book clubs are a good idea	☺	☹	☹
9.	Reading and writing makes me think	☺	☹	☹
10.	I like to read in my free time	☺	☹	☹
11.	I like books as a present	☺	☹	☹
12.	I like to write my own stories	☺	☹	☹
13.	We do too much reading in school	☺	☹	☹
14.	We have to do too much work in reading groups	☺	☹	☹
15.	We have to do too much writing in school	☺	☹	☹

Literacy Enthusiasm. This scale measures student enthusiasm for reading and writing.

Items:

- | | |
|---------|---------|
| 1. (+) | 11. (+) |
| 8. (+) | 12. (+) |
| 10. (+) | |

Social Context. This scale measures student perceptions of literacy as a social endeavor.

Items:

- | | |
|--------|--------|
| 2. (+) | 7. (+) |
| 3. (+) | 9. (+) |
| 6. (+) | |

Difficult Subject. This scale measures student perceptions of the difficulty of reading and writing.

Items:

- | | |
|---------|---------|
| 4. (-) | 14. (-) |
| 5. (-) | 15. (-) |
| 13. (-) | |