

INTRODUCTION

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QUEST Project - EL STEM Career Awareness Inventory

PURPOSE: This survey is designed to gather information about how your interests in Urban Ecology and STEM careers have changed after participating in the Urban Ecology course at your site.

PART I. DEMOGRAPHIC INFORMATION

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Please answer the following questions.

1. Grade Level

4th

5th

6th

7th

8th

2. Age

9 years old

10 years old

11 years old

12 years old

13 years old

14 years old

15 years old

3. Gender

Male

Female

4. Race/Ethnicity

African American/Black

Caucasian/White

Asian American

Hispanic/Latino

Multi Racial

Other

5. First Language

English

Spanish

French

Japanese

Chinese

Other

6. What grade did you start school in the United States?

Preschool

1st Grade

3rd Grade

5th Grade

7th Grade

Kindergarten

2nd Grade

4th Grade

6th Grade

8th Grade

7a. Science Teacher's Gender

Male

Female

7b. Math Teacher's Gender

Male

Female

PART II. SCIENCE

PART II. SCIENCE

Please answer the following questions.

8. Please choose the answer that best describes who you are, now that you have participated in the Urban Ecology course.

	Strongly Disagree	Disagree	Agree	Strongly Agree	Not Sure
I am able to get a good grade in my science class.	<input type="radio"/>				
I am able to complete my science homework.	<input type="radio"/>				
I plan to use science in my future career.	<input type="radio"/>				
I will work hard in my science classroom.	<input type="radio"/>				
If I do well in science classes, it will help me in my future career.	<input type="radio"/>				
My parents would like it if I choose a science career.	<input type="radio"/>				
I am interested in careers that use science.	<input type="radio"/>				
I like my science class.	<input type="radio"/>				
I have a role model such as a teacher, community member, or other adult in a science career.	<input type="radio"/>				
I would feel comfortable talking to people who work in science careers.	<input type="radio"/>				
I know of someone in my family who uses science in their career.	<input type="radio"/>				
I am interested in science careers that include cities and neighborhoods.	<input type="radio"/>				

9. Why do you strongly disagree or strongly agree on any of the items above?

PART III. INTEREST IN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM)

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Definition of STEM:

STEM is the science area where students look at questions about how the world works through the practices of science, technology, engineering, and mathematics (STEM).

Please answer the following questions.

10. Please choose the answer that best describes who you are, now that you have participated in the Urban Ecology course.

	Strongly Disagree	Disagree	Agree	Strongly agree	Not Sure
Math is fun.	<input type="radio"/>				
Science is fun.	<input type="radio"/>				
Technology is fun.	<input type="radio"/>				
Math is interesting.	<input type="radio"/>				
Science is interesting.	<input type="radio"/>				
Technology is interesting.	<input type="radio"/>				

11. Why do you strongly disagree or strongly agree to any of the items above?

12. Would you be interested in participating in the following:

Science Club

Ecology Club

Computer Club

Math Club

13. Please list examples of jobs that you think use math:

13a. Have you learned about any new jobs that you think use math?

14. Please list examples of jobs that you think use science:

14a. Have you learned about any new jobs that you think use science?

15. Please select how you view Science, Technology, Engineering, and Mathematics (STEM) jobs (Check all that apply):

Fun

Exciting

High paying

Creative

Flexible

Challenging

Easy

Team-work

Make the
world a
better place

16. What type of job would you like to have in the future?

17. Tell us about your plans after high school. After high school I plan to go to:

4-year college

2-year college

Technical school

Find a full-time job

Other

18. Are you considering a career in science, technology, engineering, or math?

Yes... if Yes, please explain

No... if No, please explain

Maybe... please explain

Thank you for taking the time to complete the survey!
