

Math and Science Interest Survey

Print Name (First and Last): _____

Grade: 5th 6th 7th

Date of Birth: _____

8th 9th 10th

Gender: male female

Who is your Science Teacher? _____

Race: White Black Hispanic Native American Asian/Pacific Islander Other

We would like your opinion about math and science! During the next few years, science and engineering students from the University of Arkansas will be working with math and science teachers in your school to provide access to the latest technologies in science and math. We want your opinion regarding these activities.

You may choose whether or not you fill out this survey. Your individual responses will be kept confidential. Your teachers, parents, and the other students will NOT see your survey answers. Completing the survey has NO effect on your course grade. ***Thank you for giving us your opinion!***

Below is a list of 7 types of jobs. There are 2 questions for each job.

CIRCLE one response for each job.				CIRCLE one response for each job.			
<i>How INTERESTING are the following jobs to you?</i>				<i>How much do you KNOW about these jobs?</i>			
	Very Interesting	Somewhat Interesting	Not at all Interesting		A LOT	A LITTLE	NOTHING
Example: Actor	<input checked="" type="radio"/> 😊	<input type="radio"/> 😐	<input type="radio"/> 😞 ;	Example: Actor	<input type="radio"/> 😊	<input checked="" type="radio"/> 😐	<input type="radio"/> 😞 ;
Chemist	<input type="radio"/> 😊	<input type="radio"/> 😐	<input type="radio"/> 😞 ;	Chemist	<input type="radio"/> 😊	<input type="radio"/> 😐	<input type="radio"/> 😞 ;
Math Teacher	<input type="radio"/> 😊	<input type="radio"/> 😐	<input type="radio"/> 😞 ;	Math Teacher	<input type="radio"/> 😊	<input type="radio"/> 😐	<input type="radio"/> 😞 ;
Science Teacher	<input type="radio"/> 😊	<input type="radio"/> 😐	<input type="radio"/> 😞 ;	Science Teacher	<input type="radio"/> 😊	<input type="radio"/> 😐	<input type="radio"/> 😞 ;
Physicist	<input type="radio"/> 😊	<input type="radio"/> 😐	<input type="radio"/> 😞 ;	Physicist	<input type="radio"/> 😊	<input type="radio"/> 😐	<input type="radio"/> 😞 ;
Biologist	<input type="radio"/> 😊	<input type="radio"/> 😐	<input type="radio"/> 😞 ;	Biologist	<input type="radio"/> 😊	<input type="radio"/> 😐	<input type="radio"/> 😞 ;
Engineer	<input type="radio"/> 😊	<input type="radio"/> 😐	<input type="radio"/> 😞 ;	Engineer	<input type="radio"/> 😊	<input type="radio"/> 😐	<input type="radio"/> 😞 ;
Computer Programmer	<input type="radio"/> 😊	<input type="radio"/> 😐	<input type="radio"/> 😞 ;	Computer Programmer	<input type="radio"/> 😊	<input type="radio"/> 😐	<input type="radio"/> 😞 ;

Do you plan to take the following science and math courses? Circle one answer for each course.

	YES	Undecided	NO		YES	Undecided	NO
Biology	<input type="radio"/> 😊	<input type="radio"/> ?	<input type="radio"/> ;	Geometry	<input type="radio"/> 😊	<input type="radio"/> ?	<input type="radio"/> ;
Chemistry	<input type="radio"/> 😊	<input type="radio"/> ?	<input type="radio"/> ;	Algebra II	<input type="radio"/> 😊	<input type="radio"/> ?	<input type="radio"/> ;
Biology II	<input type="radio"/> 😊	<input type="radio"/> ?	<input type="radio"/> ;	Trigonometry	<input type="radio"/> 😊	<input type="radio"/> ?	<input type="radio"/> ;
Physics	<input type="radio"/> 😊	<input type="radio"/> ?	<input type="radio"/> ;	Calculus	<input type="radio"/> 😊	<input type="radio"/> ?	<input type="radio"/> ;
Anatomy/Physiology	<input type="radio"/> 😊	<input type="radio"/> ?	<input type="radio"/> ;	Computer Science	<input type="radio"/> 😊	<input type="radio"/> ?	<input type="radio"/> ;
_____	<input type="radio"/> 😊	<input type="radio"/> ?	<input type="radio"/> ;	_____	<input type="radio"/> 😊	<input type="radio"/> ?	<input type="radio"/> ;
(other)				(other)			

Circle the answer that shows how well each statement describes you. Please answer each question.

For example: if you really enjoy science, you would circle Strongly Agree on question A!

If you do NOT like doing math problems, you might circle Disagree on question B!

Examples:	Strongly			Strongly
	Agree!	Agree	Disagree	Disagree!
A. I enjoy science.	SA!	A	D	SD!
B. I like doing math problems.	SA!	A	D	SD!

Circle ONE for each sentence:	Strongly			Strongly
	Agree!	Agree	Disagree	Disagree!
1. My teachers think I can do more advanced science and math.	SA!	A	D	SD!
2. I could talk to my teachers about a career that uses science and math.	SA!	A	D	SD!
3. Science is hard for me, even when I study.	SA!	A	D	SD!
4. I don't think I could do advanced science.	SA!	A	D	SD!
5. I am good at science.	SA!	A	D	SD!
6. My teachers have encouraged me to study more science and math.	SA!	A	D	SD!
7. I think I could do more difficult science work.	SA!	A	D	SD!
8. I like conducting science experiments.	SA!	A	D	SD!
9. I like finding answers to science problems.	SA!	A	D	SD!
10. I do not have much interest in science.	SA!	A	D	SD!
11. I think scientists typically discuss boring topics.	SA!	A	D	SD!
12. I look forward to science lessons in school.	SA!	A	D	SD!
13. I get very stressed when taking science quizzes/exams.	SA!	A	D	SD!
14. I like to understand the scientific explanations for things.	SA!	A	D	SD!
15. I would like to study science in more detail than I do now.	SA!	A	D	SD!
16. I enjoy discussing science topics.	SA!	A	D	SD!
17. Answering science questions in class makes me nervous.	SA!	A	D	SD!
18. I'll need science for my career / future jobs.	SA!	A	D	SD!
19. Knowing science will help me earn a living.	SA!	A	D	SD!
20. My teachers think I can do well in science and math.	SA!	A	D	SD!
21. My science teachers have been interested in my progress in science.	SA!	A	D	SD!
22. Science is useful in every day life.	SA!	A	D	SD!
23. I would rather have someone give me the answer to a difficult science problem than have to work it out for myself.	SA!	A	D	SD!
24. When I can't immediately solve a science problem, I stick with it until I have the solution.	SA!	A	D	SD!
25. I will use science in many ways as an adult.	SA!	A	D	SD!
26. The challenge of science problems does not appeal to me.	SA!	A	D	SD!

Answer the following questions about **MATH**.

	Strongly Agree!	Agree	Disagree	Strongly Disagree!
1. I would rather have someone give me the answer to a difficult math problem than have to work it out for myself.	SA!	A	D	SD!
2. When I can't immediately solve a math problem, I stick with it until I have the solution.	SA!	A	D	SD!
3. Math is hard for me, even when I study.	SA!	A	D	SD!
4. I like solving math problems.	SA!	A	D	SD!
5. I do not have much interest in math.	SA!	A	D	SD!
6. I look forward to math lessons in school.	SA!	A	D	SD!
7. I would like to study math in more detail than I do now.	SA!	A	D	SD!
8. I enjoy discussing math problems.	SA!	A	D	SD!
9. I don't think I could do advanced math.	SA!	A	D	SD!
10. Answering math questions in class makes me nervous.	SA!	A	D	SD!
11. Math is useful in everyday life.	SA!	A	D	SD!
12. I think I could do more difficult math work.	SA!	A	D	SD!
13. I am good at math.	SA!	A	D	SD!
14. I'll need math for my career / future jobs.	SA!	A	D	SD!
15. Knowing math will help me earn a living.	SA!	A	D	SD!
16. The challenge of math problems does not appeal to me.	SA!	A	D	SD!

Have you ever participated in a science fair / math competition?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Would you like to participate in a science fair / math competition?	<input type="checkbox"/> Yes	<input type="checkbox"/> Unsure <input type="checkbox"/> No
Have you ever participated in a science or math camp?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Would you like to participate in a science or math camp?	<input type="checkbox"/> Yes	<input type="checkbox"/> Unsure <input type="checkbox"/> No

Do you know any adults who are in a math or science-related job? (Check as many as you need.)

- Mother/Stepmother
 Aunt/Uncle
 Grandparent
 Foster Parent
 Father/Stepfather
 Brother/Sister
 Family Friend/Neighbor
 Friend's Parent

List 3 jobs you would like to have when you grow up.

Thank you for participating in this survey! 😊

