

Math and Science Interest Survey – PARENT Questionnaire

Student's Name: _____

Grade: 5th

6th

7th

Student's Date of Birth: _____

8th

9th

10th

Parent's Name: _____

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

The survey is voluntary and your individual responses will be kept completely confidential. Your student, his/her teachers and administrators, and fellow students will NOT see your responses to the survey. Completing the survey has NO effect on your student's grade. Thank you for your assistance.

Circle the answer that best describes your student. Please answer each question. Do not think too much about each question; your initial thought is usually the most accurate. In the example below, if your student really enjoys science, you would circle SA for strongly agree.

Example:

A. My student enjoys science.

Strongly Agree	Sort of Agree	Not Sure	Sort of Disagree	Strongly Disagree
(SA)	A	NS	D	SD

	Strongly Agree	Sort of Agree	Not Sure	Sort of Disagree	Strongly Disagree
1. My student likes finding answers to science problems.	SA	A	NS	D	SD
2. My student does not have much interest in science.	SA	A	NS	D	SD
3. My student typically finds scientific topics boring.	SA	A	NS	D	SD
4. My student looks forward to science lessons in school.	SA	A	NS	D	SD
5. My student would like to study science in more detail than he/she does now.	SA	A	NS	D	SD
6. My student's teachers have encouraged him/her to study more science and math.	SA	A	NS	D	SD
7. Science is hard for my student, even when he/she studies.	SA	A	NS	D	SD
8. My student is good at science.	SA	A	NS	D	SD
9. My student's teachers think he/she could do well in science and math.	SA	A	NS	D	SD
10. I don't think my student could do advanced science.	SA	A	NS	D	SD
11. I think my student could do more difficult science work.	SA	A	NS	D	SD
12. Answering science questions in class makes my student nervous.	SA	A	NS	D	SD
13. My student sees science as being useful in every day life.	SA	A	NS	D	SD
14. My student enjoys discussing science topics.	SA	A	NS	D	SD
15. My student will need science for his/her career and future jobs.	SA	A	NS	D	SD
16. My student believes that knowing science will help him/her earn a living.	SA	A	NS	D	SD
17. My student could talk to his/her teacher about a career in science or math.	SA	A	NS	D	SD
18. My student likes to understand the scientific explanations for things.	SA	A	NS	D	SD

19. My student's teachers have been interested in his/her progress in science.	SA	A	NS	D	SD
	Strongly Agree	Sort of Agree	Not Sure	Sort of Disagree	Strongly Disagree
20. My student's teachers think he/she could do more advanced science and math.	SA	A	NS	D	SD
21. My student gets very stressed when taking science quizzes/exams.	SA	A	NS	D	SD
22. My student believes he/she will use science in many ways as an adult.	SA	A	NS	D	SD
23. When my student can't immediately solve a science problem, he/she sticks with it until a solution is reached.	SA	A	NS	D	SD
24. My student is challenged by science problems he/she doesn't understand immediately.	SA	A	NS	D	SD
25. The challenge of science problems appeals to my student.	SA	A	NS	D	SD

Answer the following questions about **math**.

	Strongly Agree	Sort of Agree	Not Sure	Sort of Disagree	Strongly Disagree
1. My student is good at math.	SA	A	NS	D	SD
2. The challenge of math problems appeals to my student.	SA	A	NS	D	SD
3. Math is hard for my student, even when he/she studies.	SA	A	NS	D	SD
4. My student likes solving math problems.	SA	A	NS	D	SD
5. My student does not have much interest in math.	SA	A	NS	D	SD
6. My student looks forward to math lessons in school.	SA	A	NS	D	SD
7. My student would like to study math in more detail than he/she does now.	SA	A	NS	D	SD
8. My student enjoys discussing math problems.	SA	A	NS	D	SD
9. I don't think my student could do advanced math.	SA	A	NS	D	SD
10. Answering math questions in class makes my student nervous.	SA	A	NS	D	SD
11. When my student can't immediately solve a math problem, he/she sticks with it until a solution is reached.	SA	A	NS	D	SD
12. I think my student could do more difficult math work.	SA	A	NS	D	SD
13. My student would rather have someone give him/her the solution to a difficult math problem than have to work it out for himself/herself.	SA	A	NS	D	SD
14. My student will need math for his/her career and future jobs.	SA	A	NS	D	SD
15. My student believes that math is useful in everyday life.	SA	A	NS	D	SD
16. Knowing math will help my student earn a living.	SA	A	NS	D	SD

Portions of this instrument are components/modifications of the Fennema & Sherman (1976) Attitudes About Math survey.

List 3 jobs you have heard your student say he/she would like to have when he/she is an adult.

Please list any science, math, or technology-related jobs that people in your extended family have (e.g., nurse, math teacher, engineer, computer technician, accountant, pharmacist, physicist):