



TEEN ASSENT FORM

(9th grade survey)

My name is Sandi Simpkins. I work at Arizona State University. We would like to survey all 9th grade students on science. We are trying to learn about what teenagers do in science and what they think about science.

If you agree, you will be asked to complete a 30 minute survey. The survey has questions about your interest in science and how your family supports you in science. We would also like to look at your grades and classes in high school. You will receive \$5.00 for participating.

- Your parent (mom, dad, or guardian) gave permission for you to take part in this study.
- You do not have to answer any questions that make you uncomfortable. If you do not want to be in the study or if you begin the study and stop later, no one will be mad at you. You may ask questions at any time.
- We will not tell anyone else how you responded to the questions. Even if your parents or teachers ask, we will not tell them about what you say in the study.
- If you have any questions, you can call Dr. Sandi Simpkins at 480-727-8253 or email her at sandra.simpkins@asu.edu.

Signing here means that you read this form or had it read to you and that you are willing to be in this study.

Print Your Name: _____

Sign Your Name: _____

Date _____

The Families & Science Project

About You

Please answer the following questions about yourself to the best of your ability. Bubble in the circle that matches your answer or write in your answer in the box provided. Thank you so much for your participation, we greatly appreciate it.

1. How old are you (in years)?

13

14

15

16

17

2. What grade level are you in?

9

10

11

12

3. What gender are you?

Boy

Girl

4. Were you born in the United States?

Yes

No

5. The following questions ask you about how you use language. Bubble the number that best matches your answer.

	Only Spanish	More Spanish than English	Both equally	More English than Spanish	Only English
4a. In general, what language do you read and speak?	①	②	③	④	⑤
4b. What language do you usually speak at home?	①	②	③	④	⑤
4c. In what language do you usually think?	①	②	③	④	⑤
4d. What language do you usually speak with your friends?	①	②	③	④	⑤

6. In this country, people come from many different backgrounds or ethnic groups. Ethnicity generally refers to where your parents or family are from. To what racial or ethnic group do you belong? Please bubble in your answer. You can select as many that apply.

Latino/Hispanic IF YES, what Latino or Hispanic group?:

Black/African American

White (Not Hispanic)

Native American

Asian If YES, what Asian group?:

Other If YES, what group?:

About Your Parent(s)

The next of questions ask about your mom and your dad. Answer them about your biological parents. For some questions, you might not know the answer. That is okay. Answer them as best you can.

7. Are your parents:

- Married
- Divorced
- Separated
- Never married
- Other

8. Who do you live with? Bubble in all that apply.

- Biological mom
- Biological dad
- Step-parent (stepmom or stepdad)
- Grandparent(s)
- Uncles/Aunts
- Cousins
- Sister(s)
- Brother(s)
- Other people

9. Were your parents born in the United States?

	Yes	No
Mom	<input type="radio"/>	<input type="radio"/>
Dad	<input type="radio"/>	<input type="radio"/>

10. In general, what language do your parents read and speak?

	Only Spanish	Spanish more than English	Both equally	English more than Spanish	Only English
Mom	①	②	③	④	⑤
Dad	①	②	③	④	⑤

11. How much school have your parents completed?

	Less than high school	Some high school	High school degree	Some college	College degree	More than a college degree
Mom	①	②	③	④	⑤	⑥
Dad	①	②	③	④	⑤	⑥

12. Do your parents work?

	No	Yes	IF RESPONDED YES.....
Mom	O	O	If yes, what is your mom's job?
Dad	O	O	If yes, what is your dad's job?

Motivation

13. The next set of questions ask you what you think about biology, chemistry, and physics. We know you might not of taken each class yet. Just think about them in general. First we'd like your thoughts about **biology**. **Biology includes topics like animals, plants, the environment, or the human body.**

a. How good at biology are you?	Not at all good ①	②	③	Somewhat good ④	⑤	⑥	Very good ⑦
b. How good would you be at learning something new in biology?	Not very good ①	②	③	Somewhat good ④	⑤	⑥	Very good ⑦
c. Compared to other 9 th grade students, how good are you at biology?	A lot worse ①	②	③	About the same ④	⑤	⑥	A lot better ⑦
d. If you were to list all of the 9 th grade students from best to worst in biology, where are you?	One of the worst ①	②	③	In the middle ④	⑤	⑥	One of the best ⑦
e. I find doing biology:	Very boring ①	②	③	Neither boring nor interesting ④	⑤	⑥	Very interesting ⑦
f. How much do you like biology?	A little ①	②	③	Somewhat ④	⑤	⑥	A lot ⑦
g. For me, being good in biology is:	Not at all important ①	②	③	Somewhat important ④	⑤	⑥	Very important ⑦
h. Compared to other subjects, how important is it to be good at biology?	Not at all important ①	②	③	Somewhat important ④	⑤	⑥	Very important ⑦
i. How useful is what you learn in biology?	Not at all useful ①	②	③	④	⑤	⑥	Very useful ⑦

14. Next we'd like your thoughts about **chemistry**:

Chemistry refers to topics like the structure of matter, like atoms and molecules, chemical reactions, the periodic table, and more

a. How good at chemistry are you?	Not at all good			Somewhat good			Very good
	①	②	③	④	⑤	⑥	⑦
b. How good would you be at learning something new in chemistry?	Not very good			Somewhat good			Very good
	①	②	③	④	⑤	⑥	⑦
c. Compared to other 9 th grade students, how good are you at chemistry?	A lot worse			About the same			A lot better
	①	②	③	④	⑤	⑥	⑦
d. If you were to list all of the 9 th grade students from best to worst in chemistry, where are you?	One of the worst			In the middle			One of the best
	①	②	③	④	⑤	⑥	⑦
e. I find doing chemistry:	Very boring			Neither boring nor interesting			Very interesting
	①	②	③	④	⑤	⑥	⑦
f. How much do you like chemistry?	A little			Somewhat			A lot
	①	②	③	④	⑤	⑥	⑦
g. For me, being good in chemistry is:	Not at all important			Somewhat important			Very important
	①	②	③	④	⑤	⑥	⑦
h. Compared to other subjects, how important is it to be good at chemistry?	Not at all important			Somewhat important			Very important
	①	②	③	④	⑤	⑥	⑦
i. How useful is what you learn in chemistry?	Not at all useful						Very useful
	①	②	③	④	⑤	⑥	⑦

15. Last, we'd like your thoughts about **physics**:

Physics refers to topics like forces like gravity and friction, the motion of objects, electricity, magnetism, and more.

a. How good at physics are you?	Not at all good ①	②	③	Somewhat good ④	⑤	⑥	Very good ⑦
b. How good would you be at learning something new in physics?	Not very good ①	②	③	Somewhat good ④	⑤	⑥	Very good ⑦
c. Compared to other 9 th grade students, how good are you at physics?	A lot worse ①	②	③	About the same ④	⑤	⑥	A lot better ⑦
d. If you were to list all of the 9 th grade students from best to worst in physics, where are you?	One of the worst ①	②	③	In the middle ④	⑤	⑥	One of the best ⑦
e. I find doing physics:	Very boring ①	②	③	Neither boring nor interesting ④	⑤	⑥	Very interesting ⑦
f. How much do you like physics?	A little ①	②	③	Somewhat ④	⑤	⑥	A lot ⑦
g. For me, being good in physics is:	Not at all important ①	②	③	Somewhat important ④	⑤	⑥	Very important ⑦
h. Compared to other subjects, how important is it to be good at physics?	Not at all important ①	②	③	Somewhat important ④	⑤	⑥	Very important ⑦
i. How useful is what you learn in physics?	Not at all useful ①	②	③	④	⑤	⑥	Very useful ⑦

My Friends

16. We want to know about your friends who are in 9th grade and go to your school. You can include people who are related to you. But, only list your friends who are in 9th grade at CHS.

My friend's name....			My friend is a Boy or Girl:	My friend is a:		
	FIRST name:	LAST name:		Best friend	Close friend	Just a friend
1			(B) (G)	(1)	(2)	(3)
2			(B) (G)	(1)	(2)	(3)
3			(B) (G)	(1)	(2)	(3)
4			(B) (G)	(1)	(2)	(3)
5			(B) (G)	(1)	(2)	(3)
6			(B) (G)	(1)	(2)	(3)
7			(B) (G)	(1)	(2)	(3)
8			(B) (G)	(1)	(2)	(3)
9			(B) (G)	(1)	(2)	(3)
10			(B) (G)	(1)	(2)	(3)

Friends and Science

17. Think about the friends you just listed. For each statement, bubble in the answer that best matches how many of your friends agree with each statement.

How many of your friends....	None			Half			All
a. Are involved in science clubs at school?	①	②	③	④	⑤	⑥	⑦
b. Think science is interesting?	①	②	③	④	⑤	⑥	⑦
c. Think science is important?	①	②	③	④	⑤	⑥	⑦
d. Want to have a job or career related to science?	①	②	③	④	⑤	⑥	⑦
e. Spend time on science websites or watching science shows on TV?	①	②	③	④	⑤	⑥	⑦
f. Know a lot about science?	①	②	③	④	⑤	⑥	⑦
g. Help you with your science schoolwork?	①	②	③	④	⑤	⑥	⑦
h. Are in your science class?	①	②	③	④	⑤	⑥	⑦
i. Get good grades in science?	①	②	③	④	⑤	⑥	⑦
j. Think science is cool?	①	②	③	④	⑤	⑥	⑦
k. Regularly complete their science class assignments and homework on time?	①	②	③	④	⑤	⑥	⑦

Family and Science

18. Families try to help teens with science in many different ways. We are interested in how your parents help you. Listed below are some ways your parent(s) may help you with your science school work. Tell us how often, if ever, they do each thing.

How often do your parent(s)...	Never	A little	Some	A lot	Always
a. Buy you science supplies, like equipment, books, games, or things to help study.	①	②	③	④	⑤
b. Give you rewards for good performance in science.	①	②	③	④	⑤
c. Make sure you have a space or time to work on science homework.	①	②	③	④	⑤
d. Encourage you to work with friends or family members who are good at science.	①	②	③	④	⑤
e. Check or ask if your science homework is complete.	①	②	③	④	⑤
f. Help you do your science work.	①	②	③	④	⑤
g. Take you to a science museum, zoo, or event.	①	②	③	④	⑤
h. Watch science television shows with you.	①	②	③	④	⑤
i. Help enroll you in science lessons, workshops, or tutoring programs outside of class.	①	②	③	④	⑤
j. Tell you that you are good at science.	①	②	③	④	⑤
k. Talk to you about how things are going in your science classes.	①	②	③	④	⑤
l. Pressure you to do well in science.	①	②	③	④	⑤
m. Talk about college majors and careers in science.	①	②	③	④	⑤

How often do your parent(s)...	Never	A little	Some	A lot	Always
n. Tell you how important doing well in science will be for your future.	①	②	③	④	⑤
o. Look at science websites with you.	①	②	③	④	⑤
p. Talk about news or current events related to science.	①	②	③	④	⑤
q. Praise you for your school work in science.	①	②	③	④	⑤
r. Help you feel better when science is hard.	①	②	③	④	⑤
s. Like how you do things in science.	①	②	③	④	⑤
t. Say nice things about your grades in science.	①	②	③	④	⑤
u. Like your study habits in science.	①	②	③	④	⑤
v. Teach you about things you need to know in science.	①	②	③	④	⑤
w. Teach you about things you want to know in science.	①	②	③	④	⑤

19. Think about the homework, assignments, and tests you have completed in science this year so far. What would you guess is your current grade in your science class?

	A	B	C	D	E or F	I don't know
Science class	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓖ

20. We are interested in what extracurricular activities you do at your high school. Below is a list of the clubs and athletics offered at your school. Bubble in any that you are currently participating in. If you don't do any, that is okay.

INSERT SCHOOL'S EXTRACURRICULAR ACTIVITY LIST HERE

Future

21. Last, the next set of questions ask you to think about the science class you are taking now and how they might affect your future. Read each question and select the answer that best matches your response.

	Strongly disagree	Disagree	Neutral	Agree	Strongly agree
1) What I learn in my science class this year will be important for my success at my future job.	①	②	③	④	⑤
2) What I gain from my science class will shape my future.	①	②	③	④	⑤
3) I will use the information I learn in my current science class in the future.	①	②	③	④	⑤
4) I will use the information I learn in my science class when I take other classes in the future.	①	②	③	④	⑤
5) The only aspect of this course that will affect my academic future is my grade.	①	②	③	④	⑤
6) The only thing useful to me in this class is the grade I get.	①	②	③	④	⑤
7) The only aspect of this class that will matter after graduation is my grade.	①	②	③	④	⑤
8) To reach my academic goals, all I need from this course is my grade.	①	②	③	④	⑤
9) I should take steps to help realize goals related to science classes.	①	②	③	④	⑤
10) I should not think too much about my future as a science student.	①	②	③	④	⑤
11) It is important to have goals for what science classes one wants to take as a junior or senior in high school.	①	②	③	④	⑤
12) I do not like to plan for the future after this year's science class.	①	②	③	④	⑤
13) Planning for future science classes after this year is a waste of time.	①	②	③	④	⑤
14) It is important to consider what will happen in my future science classes when deciding what to do now.	①	②	③	④	⑤
15) I should take steps today to help realize future goals for science related jobs.	①	②	③	④	⑤
16) I should not think too much about what I will do after high school graduation.	①	②	③	④	⑤
17) It is important to have goals for where I want to be in five or ten years.	①	②	③	④	⑤
18) I do not like to plan for the future.	①	②	③	④	⑤
19) Planning for what I will do after high school graduation is a waste of time.	①	②	③	④	⑤
20) It is important to consider what will happen after high school graduation when deciding what to do now.	①	②	③	④	⑤