

Appendix B
School Relationships and Experiences Survey

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Please read the instructions on the next page before beginning.



VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY
Educational Research and Evaluation

INSTRUCTIONS

This is a questionnaire about you, your school experiences, and your relationships with friends, family, and people at school.

This is not a test and there are no right or wrong answers. Take your time and please be sure to answer each question based on what you really think. You can choose whether or not to fill out this questionnaire. If you need help with any questions, you may ask your teacher.

When you finish this questionnaire, please return it to your teacher. Please do not write your name on the survey.

**Your answers will be kept PRIVATE.
No one from your home or school will see what you write.**

THANK YOU FOR YOUR HELP!

SECTION I: General Information about You and Your Parents

The following questions are about you and your parents.

When we say parent(s), mother, or father, answer for the parent, guardian, or stepparent with whom you live most of the time.

Please answer each question. **Circle** the number that corresponds with your answer.

1. What grade are you in?

- 9th grade 1
 10th grade 2
 11th grade 3
 12th grade 4

2. Which of the following best describes your present high school program?

- General education 1
 College prep, academic, or specialized academic 2
 Vocational, technical, or business and career 3
 Other specialized high school program 4
 Special education program 5
 Alternative, stay-in-school, or dropout prevention program 6
 I don't know 7

3. Which class are you in right now? (subject name) _____
4. What is your sex?

- Male 1
 Female 2

In this country, people come from a lot of different cultures and there are many different words to describe the different backgrounds or *ethnic groups* that people come from. Some examples of the names of ethnic groups are Mexican-American, Hispanic, Black, Asian-American, American Indian, Anglo-American, and White. Every person is born into an ethnic group, or sometimes two groups, but people differ on how important their ethnicity is to them, how they feel about it, and how much their behavior is affected by it. Questions 5-9 are about your *ethnicity* or your ethnic group and how you feel about it or react to it.

5. In terms of ethnic group, I consider myself to be (write in)

6. Circle the numbers to indicate how much you agree or disagree with each statement.

	strongly disagree	disagree	agree	strongly agree
a) I have spent time trying to find out more about my own ethnic group, such as its history, traditions, and customs.	1	2	3	4
b) I am active in organizations of social groups that include mostly members of my own ethnic group.	1	2	3	4
c) I have a clear sense of my ethnic background and what it means for me.	1	2	3	4
d) I like meeting and getting to know people from ethnic groups other than my own.	1	2	3	4
e) I think a lot about how my life will be affected by my ethnic group membership.	1	2	3	4
f) I am happy that I am a member of the ethnic group I belong to.	1	2	3	4
g) I sometimes feel it would be better if different ethnic groups didn't try to mix together.	1	2	3	4
h) I am not very clear about the role of my ethnicity in my life.	1	2	3	4
i) I often spend time with people from ethnic groups other than my own.	1	2	3	4
j) I really have not spent much time trying to learn more about the culture and history of my ethnic group.	1	2	3	4
k) I have a strong sense of belonging to my own ethnic group.	1	2	3	4
l) I understand pretty well what my ethnic group membership means to me, in terms of how to relate to my own group and other groups.	1	2	3	4
m) In order to learn more about my ethnic background, I have often talked to other people about my ethnic group.	1	2	3	4
n) I have a lot of pride in my ethnic group and its accomplishments.	1	2	3	4
o) I don't try to become friends with people from other ethnic groups.	1	2	3	4
p) I participate in cultural practices of my own group, such as special food, music, or customs.	1	2	3	4
q) I am involved in activities with people from other ethnic groups.	1	2	3	4
r) I feel a strong attachment towards my own ethnic group.	1	2	3	4
s) I enjoy being around people from ethnic groups other than my own.	1	2	3	4
t) I feel good about my cultural or ethnic background.	1	2	3	4

7. Choosing from the list below, what is your ethnicity? What are the ethnicities of your father and mother?

(CHECK ONE IN EACH COLUMN)

	You	Father (or male guardian)	Mother (or female guardian)
Asian, Asian American, or Oriental			
Black or African American			
Hispanic or Latino			
White, Caucasian, European, not Hispanic			
American Indian			
Mixed (parents are from two different groups)			
Other (write in): _____			

8. Do any of the following people live in the same household with you? Check all that apply.

	Father, stepfather or other male guardian
	Mother, stepmother, or other female guardian
	Siblings (write number) _____
	Other family members (write number) _____

TOTAL NUMBER OF PEOPLE LIVING AT HOME (write number) _____

9. Is your mother, stepmother, or female guardian: (circle one)

Currently working 1
Unemployed - looking for work..... 2
Unemployed - not looking for work..... 3
Retired..... 4
Disabled 5
Don't know 6
Full-time homemaker 7
She is deceased..... 8

10. Is your father, stepfather, or male guardian: (circle one)

Currently working 1
Unemployed - looking for work..... 2
Unemployed - not looking for work..... 3
Retired..... 4
Disabled 5
Don't know 6
Full-time homemaker 7
He is deceased 8

11. Which of the categories below comes closest to describing the current job of each of your parents/guardians?

If he or she is unemployed, retired, or disabled, please select the answer that best describes his or her **most recent** job.

	Father	Mother
OFFICE WORKER such as data entry clerk, bank teller, bookkeeper, secretary, word processor, mail carrier, ticket agent	1	1
TRADESPERSON such as baker, auto mechanic, housepainter, plumber, phone/cable installer, carpenter	2	2
FARMER, FARM MANAGER.....	3	3
FULL-TIME HOMEMAKER.....	4	4
LABORER such as construction worker, car washer, garbage collector, farm worker	5	5
MANAGER such as sales manager, office manager, school administrator, retail buyer, restaurant manager, government administrator.....	6	6
MILITARY such as career officer or enlisted person in the Armed Forces.....	7	7
OPERATOR of machines or tools, such as meat cutter, assembler, welder, taxicab/bus/truck driver	8	8
PROFESSIONAL such as accountant, registered nurse, engineer, banker, librarian, writer, social worker, actor, athlete, artist, politician, <u>but not including school teacher</u>	9	9
PROFESSIONAL such as minister, dentist, doctor, lawyer, scientist, college teacher.....	10	10
OWNER of a small business or restaurant, contractor	11	11
PROTECTIVE SERVICE such as police officer, firefighter, detective, sheriff, security guard.....	12	12
SALES such as sales representative, advertising or insurance agent, real estate broker	13	13
SCHOOL TEACHER such as elementary, junior high, or high school, <u>but not college</u>	14	14
SERVICE WORKER such as hair stylist, practical nurse, child care worker, waiter, domestic, janitor	15	15
TECHNICAL such as computer programmer, medical or dental technician, draftsman	16	16
OTHER (WRITE BELOW).....	17	17

12. How far in school did your parents go?
(CHECK ONE IN EACH COLUMN)

	Father (or male guardian)	Mother (or female guardian)
Less than high school graduation		
High school graduation only or GED or its equivalent only		
Vocational, Trade, or Business School after High School		
Less than two years of school		
Two years or more of school		
College Program		
Less than two years of college		
Two or more years of college (including two-year degree)		
Finished college (four- or five-year degree)		
Graduate or Professional School		
Master's degree or equivalent		
Ph.D., M.D., or other professional degree		
Don't know		

13. As things stand right now, how far do you expect to go in school? How far do your father and mother expect you to go?
(CHECK ONE IN EACH COLUMN)

	Your Expectation	Father's (or male guardian's) Expectation	Mother's (or female guardian's) Expectation
Less than high school graduation			
High school graduation or GED or its equivalent			
Vocational, Trade, or Business School after High School			
College Program			
Graduate or Professional School			
Don't know			

14. Have you ever worked for pay, not counting work around the house?

- no 1 (Skip to question 18)
- yes, and I am currently employed2
- yes, but I am not currently employed3

15. How many hours do/did you usually work each week on your current or most recent job during this school year?

- I have not worked during this school year 1
- 1-5 hours a week..... 2
- 6-10 hours a week..... 3
- 11-15 hours a week..... 4
- 16-20 hours a week..... 5
- 21-25 hours a week..... 6
- 26-30 hours a week..... 7
- 31-35 hours a week..... 8
- 36-40 hours a week..... 9
- Over 40 hours a week 10

16. How many of those hours are/were on the weekend (Saturday or Sunday)?

- 0 hours 1
- 1-5 hours 2
- 6-10 hours 3
- 11-15 hours 4
- 16-20 hours 5
- Over 20 hours 6

17. What kind of work do/did you do for pay on your current job or most recent job during this school year? (If you have two or more jobs, answer for the job that pays the most per hour. Do not include work around your own house.)

Lawn work or odd jobs	1
Fast food worker or waiter or waitress	2
Delivery person	3
Babysitter or child care.....	4
Camp counselor or life guard	5
Farm worker	6
Mechanic.....	7
Grocery clerk, cashier	8
Beautician	9
House cleaning	10
Construction work	11
General office or clerical worker.....	12
Hospital or health worker	13
Salesperson	14
Warehouse worker	15
Other	16

SECTION II: Information about Relationships with Important People in your Life

The following questions are about your relationships with important people in your life. Please answer each question.

PART 1.

The following four-part question is about your relationships with important adults in your life.

Important **adults** for this question are:

- People you spend time with or do things with
- People who like you a lot or who you like a lot or both
- People who make important decisions about things in your life
- People you go to for advice
- People you would like to be like
- People who will help you

18. List the names or initials of **adults** (people 18 years or older) that are important to you. If you need more space, please continue your list on the bottom of this page.

Adult 1.		Adult 11.	
Adult 2.		Adult 12.	
Adult 3.		Adult 13.	
Adult 4.		Adult 14.	
Adult 5.		Adult 15.	
Adult 6.		Adult 16.	
Adult 7.		Adult 17.	
Adult 8.		Adult 18.	
Adult 9.		Adult 19.	
Adult 10.		Adult 20.	

Please provide background information about **each one of the first 10 adults** on the following three pages. Refer to the example on the first line of each chart.

Person	Relationship (write in)	Occupation or most recent job (write in)	Age	Gender	Race	How long have you known this person?	How often do you <u>talk</u> with this person (in person, phone, e-mail)? (write in the number)
	(examples: mother, teacher, neighbor, coach)	(examples: mechanic, bank teller, military, social worker, business owner, police officer, nurse)	1 = 18-21 years 2 = 22-30 years 3 = 31-50 years 4 = 51-65 years 5 = older than 65 years	1 = male 2 = female	1 = Asian, Asian American 2 = Black or African American 3 = Hispanic or Latino 4 = White, Caucasian, European 5 = American Indian 6 = Mixed	Write in number of years. If you have known all your life, write in your age.	1 = more than once a day 2 = daily 3 = a couple times a week 4 = weekly 5 = a couple times a month 6 = monthly 7 = a couple times a year 8 = once a year or less 9 = almost never
Example	uncle	accountant	1 2 3 4 5	1 2	1 2 3 4 5 6	15	4
Adult 1			1 2 3 4 5	1 2	1 2 3 4 5 6		
Adult 2			1 2 3 4 5	1 2	1 2 3 4 5 6		
Adult 3			1 2 3 4 5	1 2	1 2 3 4 5 6		
Adult 4			1 2 3 4 5	1 2	1 2 3 4 5 6		
Adult 5			1 2 3 4 5	1 2	1 2 3 4 5 6		
Adult 6			1 2 3 4 5	1 2	1 2 3 4 5 6		
Adult 7			1 2 3 4 5	1 2	1 2 3 4 5 6		
Adult 8			1 2 3 4 5	1 2	1 2 3 4 5 6		
Adult 9			1 2 3 4 5	1 2	1 2 3 4 5 6		
Adult 10			1 2 3 4 5	1 2	1 2 3 4 5 6		

Person	Did this person help you with a problem in the past year?	If YES... What was the nature of this problem?	If YES, how satisfied were you with the help you got from the person? 1 = not at all satisfied 2 = somewhat satisfied 3 = quite satisfied 4 = completely satisfied	How much does this person...		How much do you...	
				understand what you are really like?	accept you no matter what you do?	get advice from the person?	share your feelings with the person?
	1 = yes 2 = no	1 = personal 2 = school	1 = not at all 2 = somewhat well 3 = quite well 4 = nearly completely	understand	accept	get advice	share feelings
Example	① 2	① 2	1 2 ③ 4	1 ② 3 4	1 2 ③ 4	1 2 3 ④ 5	1 2 3 4 ⑤
Adult 1	1 2	1 2	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4 5	1 2 3 4 5
Adult 2	1 2	1 2	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4 5	1 2 3 4 5
Adult 3	1 2	1 2	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4 5	1 2 3 4 5
Adult 4	1 2	1 2	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4 5	1 2 3 4 5
Adult 5	1 2	1 2	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4 5	1 2 3 4 5
Adult 6	1 2	1 2	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4 5	1 2 3 4 5
Adult 7	1 2	1 2	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4 5	1 2 3 4 5
Adult 8	1 2	1 2	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4 5	1 2 3 4 5
Adult 9	1 2	1 2	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4 5	1 2 3 4 5
Adult 10	1 2	1 2	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4 5	1 2 3 4 5

PART 3.**FRIENDS/PEERS****19. Among your close friends, how important is it to them that they...**

	not at all important	somewhat important	important	very important
a) attend classes regularly?	1	2	3	4
b) study?	1	2	3	4
c) get good grades?	1	2	3	4
d) finish high school?	1	2	3	4
e) continue their education past high school?	1	2	3	4

20. How often do you participate in the following activities with your peers?

	never or almost never	sometimes	often	always or whenever possible
a) attending school activities (sports, plays)	1	2	3	4
b) working on homework or school projects	1	2	3	4
c) attending concerts, plays or movies outside of school	1	2	3	4
d) attending sporting events outside of school	1	2	3	4
e) attending religious services	1	2	3	4
f) attending social functions	1	2	3	4
g) taking day trips or vacations	1	2	3	4
h) working on a hobby or playing sports	1	2	3	4
i) going shopping	1	2	3	4
j) going to restaurants/eating out	1	2	3	4
k) spending time just talking together	1	2	3	4
l) doing something else fun together	1	2	3	4

TEACHERS/COUNSELORS**21. How much do you agree with each of the following statements about your teachers and counselors?**

	strongly disagree	disagree	agree	strongly agree
a) My teachers give me the moral support I need to do well in school.	1	2	3	4
b) Most other students at this school are closer to their teachers than I am.	1	2	3	4
c) I rely on my teachers for advice and guidance in making important school-related decisions.	1	2	3	4
d) I rely on our school counselors for advice and guidance in making important school-related decisions.	1	2	3	4
e) My teachers are sensitive to my personal needs.	1	2	3	4
f) My teachers are good at helping me solve school-related or academic problems.	1	2	3	4
g) My teachers are good at helping me solve personal problems.	1	2	3	4
h) My school counselors are good at helping me solve school-related or academic problems.	1	2	3	4
i) My school counselors are good at helping me solve personal problems.	1	2	3	4
j) I have a friendly and trusting relationship with a number of teachers.	1	2	3	4
k) I have a friendly and trusting relationship with at least one of the school counselors.	1	2	3	4

PARENTS/GUARDIANS**22. Looking back over the past 6 months, how frequently did you and your parent(s)/guardian(s) participate in the following activities together?**

	never or almost never	sometimes	often	always or whenever possible
a) attending school activities (sports, plays)	1	2	3	4
b) working on homework or school projects	1	2	3	4
c) attending concerts, plays or movies outside of school	1	2	3	4
d) attending sporting events outside of school	1	2	3	4
e) attending religious services	1	2	3	4
f) attending social functions	1	2	3	4
g) taking day trips or vacations	1	2	3	4
h) working on a hobby or playing sports	1	2	3	4
i) going shopping	1	2	3	4
j) going to restaurants/eating out	1	2	3	4
k) spending time just talking together	1	2	3	4
l) doing something else fun together	1	2	3	4

SECTION III: Personal Feelings

The following questions are about your personal feelings.
Please answer each question. Circle your answers.

23. How true are the following statements?

	hardly ever true	1	2	3	4	almost always true
a) I feel good about myself.	1	2	3	4	5	
b) I don't have enough control over the direction my life is taking.	1	2	3	4	5	
c) I feel I am a person of worth, the equal of other people.	1	2	3	4	5	
d) I am able to do things as well as most other people.	1	2	3	4	5	
e) On the whole, I am satisfied with myself.	1	2	3	4	5	
f) I am afraid of being rejected by my friends.	1	2	3	4	5	
g) Other people understand me.	1	2	3	4	5	
h) The world and the people in it are basically good.	1	2	3	4	5	
i) In case of need, I know people who care enough about me to offer their help.	1	2	3	4	5	
j) On the whole, I am satisfied with my social life.	1	2	3	4	5	

24. How much do you agree with each of the following statements?

	strongly disagree	1	2	3	4	strongly agree
a) It's okay to ask favors of teachers and counselors.	1	2	3	4		
b) Teachers and counselors usually understand my problems.	1	2	3	4		
c) Sometimes it's necessary to talk to someone at school about your problems.	1	2	3	4		
d) Teachers and counselors often have good advice to give.	1	2	3	4		
e) In the past, teachers have really helped me out when I've had a problem.	1	2	3	4		
f) I often get useful information from teachers and counselors.	1	2	3	4		

<p>SECTION IV: School Experiences</p> <p>The following questions are about your experiences at school. Please answer each question. Circle your answers.</p>

25. What kind of grades do you expect to get this year?

1	2	3	4	5
Mostly As	Mostly Bs	Mostly Cs	Mostly Ds	Mostly below Ds

26. What kind of grades did you get last year?

1	2	3	4	5
Mostly As	Mostly Bs	Mostly Cs	Mostly Ds	Mostly below Ds

27. Do you agree with the following statements about your school experiences?

	strongly disagree	disagree	agree	strongly agree
a) I enjoy school because I am learning things that will help me in the future.	1	2	3	4
b) Academic success is important for success in life.	1	2	3	4
c) I look forward to school because I like the subjects I study.	1	2	3	4
d) Participation in classes is fun.	1	2	3	4
e) My teachers encourage me to learn.	1	2	3	4
f) I often study things that interest me.	1	2	3	4
g) I feel I am responsible for my learning.	1	2	3	4
h) I always try hard, no matter how difficult the work.	1	2	3	4
i) When I fail, that makes me try that much harder.	1	2	3	4
j) I always try to do my best in school.	1	2	3	4

28. How many times have you done the following things in the past 4 weeks?

	none	1-2 times	3-6 times	7-9 times	more than 10 times
a) I was late for school	1	2	3	4	5
b) I missed school.	1	2	3	4	5
c) I cut or skipped classes.	1	2	3	4	5

29. How often do you come to class WITHOUT these things?

	never	seldom	often	almost always
a) pencil or paper	1	2	3	4
b) books	1	2	3	4
c) completed homework	1	2	3	4

30. How much do you agree with each of the following statements about your current school and teachers?

	strongly disagree	disagree	agree	strongly agree
a) The teaching is good.	1	2	3	4
b) Teachers are interested in students.	1	2	3	4
c) Disruptions by other students get in the way of my learning.	1	2	3	4
d) Fights often occur between different racial or ethnic groups.	1	2	3	4
e) There are many gangs in school.	1	2	3	4
f) Students are graded fairly.	1	2	3	4
g) There is a lot of cheating on tests and assignments.	1	2	3	4
h) Discipline is fair.	1	2	3	4

31. How much do you agree with each of the following statements?

	strongly disagree	disagree	agree	strongly agree
a) Success in life does not have much to do with the things studied in school.	1	2	3	4
b) The best way to get through most days at school is to goof off with friends.	1	2	3	4
c) I'm losing interest in school because my teachers keep going over the same old thing.	1	2	3	4
d) Most of the teachers don't really expect good work from me.	1	2	3	4
e) Most of my classes are boring.	1	2	3	4
f) I feel like I am in a prison when I am in school.	1	2	3	4
g) I feel like I have little control over what happens to me at school.	1	2	3	4

32. How much do you agree with each of the following statements?

	hardly ever true				almost always true
a) I feel like a real part of my school.	1	2	3	4	5
b) People here notice when I'm good at something.	1	2	3	4	5
c) It is hard for people like me to be accepted here.	1	2	3	4	5
d) Other students in this school take my opinions seriously.	1	2	3	4	5
e) Sometimes I feel as if I don't belong here.	1	2	3	4	5
f) I feel very different from most other students here.	1	2	3	4	5
g) I can really be myself at this school.	1	2	3	4	5
h) I wish I were in a different school.	1	2	3	4	5
i) I feel proud of belonging to my school.	1	2	3	4	5

SECTION V: Experiences in Science Classes

The following questions are about your experiences and feelings in science classes.
Please answer each question. Circle your answers.

33. Describe your SCIENCE grades in the last year.

1	2	3	4	5
Mostly As	Mostly Bs	Mostly Cs	Mostly Ds	Mostly below Ds

34. What grade do you expect to get in this SCIENCE course (the class you are in right now)?

1	2	3	4	5
A	B	C	D	Below D

35. Please indicate how many courses you have taken in each science area. Also indicate whether you plan to take any other courses in that area before you finish high school.

Science Area	Number of courses you have already taken in this area	Number of additional courses you plan to take in this area
Anatomy & Physiology		
Biology		
Chemistry		
Earth Science		
General Science		
Physical Science		
Physics		
Other (write in)		

- 36. How important were each of the following people in your decision to take the SCIENCE course you are taking right now? If one of these people did not advise you about taking this science course, circle “does not apply”.**

	not important	somewhat important	important	very important	does not apply
a) my teacher(s)	1	2	3	4	5
b) my guidance counselor	1	2	3	4	5
c) my parent(s)	1	2	3	4	5
d) my friend(s)	1	2	3	4	5
e) my brother(s) or sister(s)	1	2	3	4	5

- 37. Make the following comparisons.**

	much worse	somewhat worse	same	slightly better	much better
a) Compared to your other academic subjects, how good are you at science?	1	2	3	4	5
b) Compared to other students in your class, how good are you at science?	1	2	3	4	5
c) Compared to your achievement in previous science courses, how well would you expect to do in a science course beyond high school?	1	2	3	4	5

38. Do you agree with these statements?

	strongly disagree	disagree	agree	strongly agree
a) Even if the work in science is hard, I can learn it.	1	2	3	4
b) No matter how hard I try, there is some science classwork I will never understand.	1	2	3	4
c) Some of the work we do in science is too difficult for me.	1	2	3	4
d) If I have enough time, I can do even the hardest problems in science.	1	2	3	4
e) I am sure I could do advanced work in science.	1	2	3	4
f) Science has been my worst subject.	1	2	3	4
g) I think I am doing OK in my science classes compared to other students taking the same classes.	1	2	3	4
h) Science is fun.	1	2	3	4
i) I have good feelings toward science.	1	2	3	4
j) I enjoy science courses.	1	2	3	4
k) I really like science.	1	2	3	4
l) I would enjoy being a scientist.	1	2	3	4
m) I think scientists are neat people.	1	2	3	4
n) Everyone should learn about science.	1	2	3	4

39. Think about the times you have done WELL in science. What are the reasons?

	strongly disagree	disagree	agree	strongly agree	does not apply
a) I have the ability.	1	2	3	4	5
b) I work very hard.	1	2	3	4	5
c) I use good strategies.	1	2	3	4	5
d) The work is easy.	1	2	3	4	5
e) The teacher does a good job.	1	2	3	4	5

40. Think about the times you have done POORLY in science. What are the reasons?

	strongly disagree	disagree	agree	strongly agree	does not apply
a) I do not have the ability.	1	2	3	4	5
b) I do not work hard enough.	1	2	3	4	5
c) I do not use good strategies.	1	2	3	4	5
d) The work is difficult.	1	2	3	4	5
e) The teacher does a poor job.	1	2	3	4	5

41. Do you agree with the following statements about science?

	strongly disagree	disagree	agree	strongly agree
a) Science helps to make life better.	1	2	3	4
b) Scientific discoveries are doing more harm than good.	1	2	3	4
c) Money that society spends on science research is well worth spending.	1	2	3	4
d) Science can help to make the world a better place in the future.	1	2	3	4
e) Most people use science in their careers.	1	2	3	4
f) At some time in my life, I expect to be in a career that will require a strong background in science.	1	2	3	4
g) Preparation in science provides many occupational/job opportunities.	1	2	3	4

42. In SCIENCE, about how much time do you spend on homework EACH week, both in and out of school?

(CHECK ONE IN EACH COLUMN)

	In school	Out of school
a) None	<input type="checkbox"/>	<input type="checkbox"/>
b) Less than 1 hour	<input type="checkbox"/>	<input type="checkbox"/>
c) 1-3 hours	<input type="checkbox"/>	<input type="checkbox"/>
d) 4-6 hours	<input type="checkbox"/>	<input type="checkbox"/>
e) 7-9 hours	<input type="checkbox"/>	<input type="checkbox"/>
f) 10-12 hours	<input type="checkbox"/>	<input type="checkbox"/>
g) 13-15 hours	<input type="checkbox"/>	<input type="checkbox"/>
h) Over 15 hours	<input type="checkbox"/>	<input type="checkbox"/>

43. In your current SCIENCE class, how often do you do the following?

	never	rarely	sometimes	often	always
a) Pay attention in class	1	2	3	4	5
b) Copy teacher's notes	1	2	3	4	5
c) Do more work than is required of you	1	2	3	4	5
d) Participate actively in class	1	2	3	4	5
e) Do the homework	1	2	3	4	5

44. Rate these items.

	not important	somewhat important	important	very important
a) How important is it to you that you do well in science?	1	2	3	4
b) How important is it to your mother that you do well in science?	1	2	3	4
c) How important is it to your father that you do well in science?	1	2	3	4
d) How important is it to you to pursue a career in a science-related field?	1	2	3	4
e) How important is it to your mother that you pursue a career in a science-related field?	1	2	3	4
f) How important is it to your father that you pursue a career in a science-related field?	1	2	3	4

45. What are your future plans related to science?

	strongly disagree	disagree	agree	strongly agree
a) I plan to take science courses in college.	1	2	3	4
b) I plan to graduate from college in a science field.	1	2	3	4
c) I would like a career in a science-related field.	1	2	3	4

The next three questions are related to your activities in science classes you have taken at this school.

46. Do you agree with the following statements?

	strongly disagree	disagree	agree	strongly agree
a) We do a lot of fun activities in science class.	1	2	3	4
b) We learn about important things in science class.	1	2	3	4
c) We cover interesting topics in science class.	1	2	3	4
d) I like our science textbook.	1	2	3	4
e) We discover how science applies to everyday life.	1	2	3	4

47. In your science classes, how often are you asked to do the following?

	never or almost never	some lessons	most lessons	every lesson
a) read the science textbook	1	2	3	4
b) find new material to read about science	1	2	3	4
c) explain the reasoning behind an idea	1	2	3	4
d) represent and analyze relationships using tables, charts, or graphs	1	2	3	4
e) work on problems for which there is no immediately obvious method of solution	1	2	3	4
f) write equations to represent relationships	1	2	3	4
g) solve equations	1	2	3	4
h) practice computational skills	1	2	3	4
i) apply models to data	1	2	3	4
j) memorize rules and procedures	1	2	3	4
k) apply science to everyday problems	1	2	3	4
l) copy notes from the board	1	2	3	4
m) use computers to solve exercises or problems	1	2	3	4
n) watch the teacher demonstrate how to do a science procedure	1	2	3	4
o) begin your homework before the class ends	1	2	3	4

48. How often does this happen in your science classes?

	never or almost never	some lessons	most lessons	every lesson
a) The teacher shows us how to do science problems	1	2	3	4
b) We have a quiz or test	1	2	3	4
c) We work on science projects	1	2	3	4
d) We work from worksheets or textbooks on our own	1	2	3	4
e) We use calculators	1	2	3	4
f) We use computers	1	2	3	4
g) We use things from every day life in solving science problems	1	2	3	4
h) We work together in pairs or small groups	1	2	3	4
i) The teacher gives us homework	1	2	3	4
j) The teacher checks homework	1	2	3	4
k) We check each other's homework	1	2	3	4
l) We discuss our completed homework	1	2	3	4
m) The teacher gives a demonstration of an experiment	1	2	3	4
n) We ourselves do an experiment in class	1	2	3	4

Thank you for the thought and effort you have put into answering these questions.

Please return the questionnaire to your teacher.