

**LONGITUDINAL STUDY OF AMERICAN YOUTH**  
**12th Grade Mathematics Teacher Questionnaire**

Questionnaire for:

Counting this year, how many years have you taught full time? \_\_\_\_\_ years  
 ...in this school district? \_\_\_\_\_ years  
 ...in this school? \_\_\_\_\_ years

Over your total teaching career, how many years have you taught mathematics?  
 \_\_\_\_\_ years

How many hours per week were you assigned to teach last year? \_\_\_\_\_ hours/week

During regular school hours, about how many hours per week did you have free for lesson planning and class preparation?  
 \_\_\_\_\_ hours/week

How many hours per week did you spend doing background reading in mathematics last year?  
 \_\_\_\_\_ hours/week

Using the scale provided, please indicate the extent to which you agree or disagree with each of the following statements. (CIRCLE ONE RESPONSE FOR EACH LINE)

	Strongly Disagree						Strongly Agree
The learning environment in this school is not conducive to school achievement for most students.	1	2	3	4	5	6	
The principal sets priorities, makes plans, and sees that they are carried out.	1	2	3	4	5	6	
The school administration's behavior toward the staff is supportive and encouraging.	1	2	3	4	5	6	
There is a great deal of cooperative effort among staff.	1	2	3	4	5	6	
Staff members maintain high standards of performance.	1	2	3	4	5	6	
I usually look forward to each working day at this school.	1	2	3	4	5	6	
Most students in this school work up to their ability.	1	2	3	4	5	6	
In this school, there is really very little a teacher can do to insure that all of his/her students achieve at a high level.	1	2	3	4	5	6	

Thinking of all of the 12th grade students in your school, about what percentage of these students do you think have the intellectual ability to get an "A" or "B" in the following high school courses if they worked reasonably hard and had completed the necessary prerequisite courses? (WRITE NUMBERS ON LINES)

	Earn A or B	
First-year Algebra		percent
Geometry		percent
Advanced Algebra		percent
Calculus		percent
American History		percent

Please continue on the back

Please use the code numbers listed below to indicate your major(s) and minor(s) for each degree you have completed. Enter more than one code number on the same line only if you had a double major or double minor.

Degree	Circle all that apply	Specify Area Code No.		Year Awarded
		Major(s)	Minor(s)	
Associate	1			
Bachelor's	2			
Master's	3			
Specialist or 6-yr cert	4			
Doctorate	5			

**MAJOR /MINOR CODE NUMBERS**

<p><b>EDUCATION</b></p> <p>11 Elementary education            12 Middle school education            13 Secondary education            14 Mathematics education            15 Science education            16 Educational administration            17 Other education</p> <p><b>MATHEMATICS/COMPUTER</b></p> <p>21 Mathematics            22 Computer Science</p>	<p><b>SCIENCE</b></p> <p>31 Biology or life sciences            32 Chemistry            33 Physics            34 Physical Sciences            35 Earth/Space Sciences</p> <p><b>OTHER DISCIPLINES</b></p> <p>41 Please specify:</p>
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How many college courses have you taken in the following subjects?

	<u>Undergraduate</u>		<u>Graduate</u>	
	Semester Courses	Quarter Courses	Semester Courses	Quarter Courses
Mathematics				
Chemistry				
Physics				
Biology/Biological Science				
Earth Science				
Elementary Math Education				
Secondary Math Education				
Elementary Science Education				
Secondary Science Education				

Thank you for completing this questionnaire for the Longitudinal Study of American Youth. It is only through cooperation from teachers, students, and parents that we will be able to study how our young people develop an interest in mathematics and science.

We will undoubtedly need your help again in the future. Please know how very much we appreciate your help.