

## Applied Program Students

<b>Board:</b>	Toronto Catholic District School Board (67059)
<b>School:</b>	Michael Power/St Joseph HS (731820)

Number of Respondents: 67
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## Student Background

		Male	Female	No response
1. Are you male or female?	All	61%	39%	0%
	Girls	0%	100%	0%
	Boys	100%	0%	0%

		Yes	No	No response
2. a) Were you born outside of Canada?	All	22%	78%	0%
	Girls	19%	81%	0%
	Boys	24%	76%	0%

		Less than 1 year	1-2 years	3-5 years	More than 5 years	No response
b) If YES, for how many years have you been living in Canada?	All	0%	20%	27%	47%	7%
	Girls	0%	40%	0%	60%	0%
	Boys	0%	10%	40%	40%	10%

		1986 or before	1987	1988	1989	1990	1991	1992 or after	No response
3. In what year were you born?	All	3%	16%	79%	0%	0%	0%	0%	1%
	Girls	0%	15%	81%	0%	0%	0%	0%	4%
	Boys	5%	17%	78%	0%	0%	0%	0%	0%

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4. What language do you speak at home?		Only English	Mostly English	English as often as another language (or languages)	Mostly another language (or other languages)	Only another language (or other languages)	no response
	All	46%	25%	22%	4%	1%	0%
	Girls	46%	27%	19%	8%	0%	0%
	Boys	46%	24%	24%	2%	2%	0%

## School background

5. Over the past year, have you missed more than two weeks of school due to illness, family vacations, student-exchange visits or other reasons beyond your control?		Yes	No	No response
	All	40%	60%	0%
	Girls	38%	62%	0%
	Boys	41%	59%	0%

6. How often in the past month have you been absent from mathematics class?		Never	1-2 times	3-4 times	5 or more times	No response
	All	22%	34%	30%	13%	0%
	Girls	12%	27%	38%	23%	0%
	Boys	29%	39%	24%	7%	0%

7. How many elementary schools did you attend before coming to secondary school?		1 school	2 schools	3 schools	4 schools	5 schools or more	No response
	All	37%	36%	18%	6%	3%	0%
	Girls	35%	38%	23%	4%	0%	0%
	Boys	39%	34%	15%	7%	5%	0%

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## School work

		Yes	No	No response
8. a) Do you have a computer at home that you use for school work?	All	88%	12%	0%
	Girls	85%	15%	0%
	Boys	90%	10%	0%

		Almost every day	Once or twice a week	Once or twice a month	Never or hardly ever	No response
b) If YES, how often do you use your computer for mathematics homework?	All	3%	14%	8%	75%	0%
	Girls	0%	9%	5%	86%	0%
	Boys	5%	16%	11%	68%	0%

		Yes	No	No response
9. a) Do you have a scientific calculator at home that you use for school work?	All	90%	10%	0%
	Girls	100%	0%	0%
	Boys	83%	17%	0%

		Yes	No	No response
b) Do you have a graphing calculator at home that you use for school work?	All	4%	94%	1%
	Girls	0%	100%	0%
	Boys	7%	90%	2%

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		I usually don't have any mathematics homework.	I have mathematics homework, but I usually spend no time on it.	I usually spend 30 minutes or less on mathematics homework.	I usually spend between 31 and 45 minutes on mathematics homework.	I usually spend more than 45 minutes on mathematics homework.	No response
10. How much time do you usually spend on mathematics homework (in or out of school) on any given day?	All	0%	12%	48%	33%	7%	0%
	Girls	0%	4%	42%	42%	12%	0%
	Boys	0%	17%	51%	27%	5%	0%

**Mathematics**

11. Indicate the degree to which you agree or disagree with each of the following statements:

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
a) I like mathematics.	All	10%	22%	37%	21%	7%	1%
	Girls	0%	19%	46%	23%	12%	0%
	Boys	17%	24%	32%	20%	5%	2%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
b) I am good at mathematics.	All	10%	10%	45%	27%	6%	1%
	Girls	0%	8%	50%	31%	12%	0%
	Boys	17%	12%	41%	24%	2%	2%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
c) I understand most of the mathematics I am taught.	All	7%	30%	43%	15%	3%	1%
	Girls	0%	27%	50%	23%	0%	0%
	Boys	12%	32%	39%	10%	5%	2%

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		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
d) The mathematics I learn now is very useful for everyday life.	All	30%	15%	18%	28%	7%	1%
	Girls	15%	23%	15%	38%	8%	0%
	Boys	39%	10%	20%	22%	7%	2%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
e) I need to keep taking mathematics for the kind of job I want after I leave school.	All	22%	19%	25%	13%	18%	1%
	Girls	15%	27%	27%	12%	19%	0%
	Boys	27%	15%	24%	15%	17%	2%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
f) Mathematics is boring.	All	12%	16%	28%	24%	16%	3%
	Girls	15%	27%	31%	12%	12%	4%
	Boys	10%	10%	27%	32%	20%	2%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
g) Mathematics is an easy subject.	All	4%	15%	28%	22%	24%	6%
	Girls	0%	4%	31%	23%	31%	12%
	Boys	7%	22%	27%	22%	20%	2%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
h) I enjoy doing mathematics puzzles or exercises just for fun.	All	10%	15%	19%	28%	25%	1%
	Girls	8%	8%	35%	23%	27%	0%
	Boys	12%	20%	10%	32%	24%	2%

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12. How easy or hard do you find doing mathematics questions of the following types:

		Very easy 1	2	3	4	Very hard 5	No response
a) Mathematics questions that deal with number sense (e.g., percent, operations with integers)	All	10%	28%	51%	9%	0%	1%
	Girls	12%	4%	69%	15%	0%	0%
	Boys	10%	44%	39%	5%	0%	2%

		Very easy 1	2	3	4	Very hard 5	No response
b) Mathematics questions that deal with algebra (e.g., solving equations, simplifying expressions)	All	7%	24%	34%	24%	9%	1%
	Girls	0%	27%	42%	19%	12%	0%
	Boys	12%	22%	29%	27%	7%	2%

		Very easy 1	2	3	4	Very hard 5	No response
c) Mathematics questions that deal with relationships (e.g., scatter plots, lines of best fit)	All	21%	40%	28%	9%	0%	1%
	Girls	19%	38%	35%	8%	0%	0%
	Boys	22%	41%	24%	10%	0%	2%

		Very easy 1	2	3	4	Very hard 5	No response
d) Mathematics questions that deal with analytic geometry (e.g., slope, y-intercept)	All	27%	19%	31%	16%	4%	1%
	Girls	31%	15%	31%	19%	4%	0%
	Boys	24%	22%	32%	15%	5%	2%

		Very easy 1	2	3	4	Very hard 5	No response
e) Mathematics questions that deal with measurement (e.g., volume, perimeter, surface area)	All	18%	22%	30%	25%	3%	1%
	Girls	12%	15%	27%	38%	8%	0%
	Boys	22%	27%	32%	17%	0%	2%

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		Very easy 1	2	3	4	Very hard 5	No response
f) Mathematics questions that deal with geometry (e.g., angles, medians, quadrilaterals)	All	7%	19%	34%	33%	4%	1%
	Girls	4%	19%	38%	31%	8%	0%
	Boys	10%	20%	32%	34%	2%	2%