

## Applied Program Students

<b>Board:</b>	Toronto Catholic District School Board (67059)
<b>School:</b>	Father John Redmond Catholic SS (731951)

Number of Respondents: 39
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## Student Background

		Male	Female	No response
1. Are you male or female?	All	56%	41%	3%
	Girls	0%	100%	0%
	Boys	100%	0%	0%

		Yes	No	No response
2. a) Were you born outside of Canada?	All	21%	79%	0%
	Girls	19%	81%	0%
	Boys	23%	77%	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%	0%	25%	75%	0%
	Girls	0%	0%	33%	67%	0%
	Boys	0%	0%	20%	80%	0%

		1986 or before	1987	1988	1989	1990	1991	1992 or after	No response
3. In what year were you born?	All	0%	13%	87%	0%	0%	0%	0%	0%
	Girls	0%	6%	94%	0%	0%	0%	0%	0%
	Boys	0%	18%	82%	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	67%	13%	8%	8%	5%	0%
	Girls	62%	19%	12%	6%	0%	0%
	Boys	68%	9%	5%	9%	9%	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	21%	79%	0%
	Girls	12%	88%	0%
	Boys	27%	73%	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	21%	49%	15%	15%	0%
	Girls	12%	56%	19%	12%	0%
	Boys	27%	45%	9%	18%	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	41%	41%	8%	3%	8%	0%
	Girls	25%	44%	12%	0%	19%	0%
	Boys	50%	41%	5%	5%	0%	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	77%	23%	0%
	Girls	62%	38%	0%
	Boys	86%	14%	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%	7%	13%	77%	0%
	Girls	10%	0%	10%	80%	0%
	Boys	0%	11%	16%	74%	0%

		Yes	No	No response
9. a) Do you have a scientific calculator at home that you use for school work?	All	85%	15%	0%
	Girls	94%	6%	0%
	Boys	77%	23%	0%

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

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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	3%	8%	46%	36%	8%	0%
	Girls	0%	0%	56%	38%	6%	0%
	Boys	5%	14%	41%	32%	9%	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	8%	28%	46%	10%	8%	0%
	Girls	0%	19%	44%	19%	19%	0%
	Boys	14%	36%	45%	5%	0%	0%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
b) I am good at mathematics.	All	5%	26%	41%	28%	0%	0%
	Girls	0%	25%	31%	44%	0%	0%
	Boys	9%	27%	50%	14%	0%	0%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
c) I understand most of the mathematics I am taught.	All	10%	36%	36%	15%	0%	3%
	Girls	6%	31%	44%	19%	0%	0%
	Boys	14%	41%	32%	9%	0%	5%

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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	13%	21%	33%	21%	13%	0%
	Girls	6%	12%	31%	19%	31%	0%
	Boys	18%	27%	36%	18%	0%	0%

		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	21%	36%	18%	15%	10%	0%
	Girls	6%	31%	25%	19%	19%	0%
	Boys	27%	41%	14%	14%	5%	0%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
f) Mathematics is boring.	All	8%	10%	44%	31%	8%	0%
	Girls	12%	19%	56%	12%	0%	0%
	Boys	5%	5%	32%	45%	14%	0%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
g) Mathematics is an easy subject.	All	3%	23%	33%	21%	21%	0%
	Girls	0%	19%	25%	19%	38%	0%
	Boys	5%	27%	41%	23%	5%	0%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
h) I enjoy doing mathematics puzzles or exercises just for fun.	All	5%	21%	23%	21%	31%	0%
	Girls	6%	6%	19%	19%	50%	0%
	Boys	5%	32%	23%	23%	18%	0%

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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	5%	44%	38%	5%	3%	5%
	Girls	6%	44%	25%	6%	6%	12%
	Boys	5%	41%	50%	5%	0%	0%

		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	13%	36%	26%	18%	3%	5%
	Girls	19%	19%	25%	19%	6%	12%
	Boys	9%	50%	27%	14%	0%	0%

		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	18%	33%	21%	18%	5%	5%
	Girls	31%	25%	6%	19%	6%	12%
	Boys	9%	41%	32%	14%	5%	0%

		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	18%	38%	13%	18%	8%	5%
	Girls	31%	25%	6%	19%	6%	12%
	Boys	9%	50%	18%	18%	5%	0%

		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	8%	13%	51%	21%	3%	5%
	Girls	12%	6%	50%	12%	6%	12%
	Boys	5%	14%	55%	27%	0%	0%

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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	10%	18%	46%	21%	0%	5%
	Girls	6%	12%	38%	31%	0%	12%
	Boys	14%	23%	55%	9%	0%	0%