

Applied Program Students

Board:	Toronto Catholic District School Board (67059)
School:	Mary Ward Catholic SS (730882)

Number of Respondents: 52

Student Background

	Male	Female	No response
1. Are you male or female?			
All	50%	50%	0%
Girls	0%	100%	0%
Boys	100%	0%	0%

	Yes	No	No response
2. a) Were you born outside of Canada?			
All	35%	65%	0%
Girls	42%	58%	0%
Boys	27%	73%	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	6%	0%	0%	89%	6%
Girls	9%	0%	0%	82%	9%
Boys	0%	0%	0%	100%	0%

	1986 or before	1987	1988	1989	1990	1991	1992 or after	No response
3. In what year were you born?								
All	15%	23%	62%	0%	0%	0%	0%	0%
Girls	12%	23%	65%	0%	0%	0%	0%	0%
Boys	19%	23%	58%	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	52%	23%	21%	2%	2%	0%
	Girls	58%	19%	15%	4%	4%	0%
	Boys	46%	27%	27%	0%	0%	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	27%	71%	2%
	Girls	31%	65%	4%
	Boys	23%	77%	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	25%	33%	15%	25%	2%
	Girls	19%	35%	15%	27%	4%
	Boys	31%	31%	15%	23%	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%	27%	19%	2%	13%	2%
	Girls	27%	23%	19%	4%	23%	4%
	Boys	46%	31%	19%	0%	4%	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	94%	4%	2%
	Girls	92%	4%	4%
	Boys	96%	4%	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	14%	8%	10%	67%	0%
	Girls	12%	4%	8%	75%	0%
	Boys	16%	12%	12%	60%	0%

		Yes	No	No response
9. a) Do you have a scientific calculator at home that you use for school work?	All	69%	29%	2%
	Girls	77%	19%	4%
	Boys	62%	38%	0%

		Yes	No	No response
b) Do you have a graphing calculator at home that you use for school work?	All	15%	83%	2%
	Girls	15%	81%	4%
	Boys	15%	85%	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	2%	21%	27%	33%	15%	2%
	Girls	4%	19%	12%	46%	15%	4%
	Boys	0%	23%	42%	19%	15%	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	6%	12%	35%	17%	27%	4%
	Girls	4%	8%	27%	27%	31%	4%
	Boys	8%	15%	42%	8%	23%	4%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
b) I am good at mathematics.	All	2%	12%	37%	17%	29%	4%
	Girls	0%	4%	35%	19%	38%	4%
	Boys	4%	19%	38%	15%	19%	4%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
c) I understand most of the mathematics I am taught.	All	6%	23%	31%	19%	13%	8%
	Girls	4%	19%	27%	27%	15%	8%
	Boys	8%	27%	35%	12%	12%	8%

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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	8%	10%	31%	35%	13%	4%
	Girls	8%	15%	23%	35%	15%	4%
	Boys	8%	4%	38%	35%	12%	4%

		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	12%	13%	31%	19%	21%	4%
	Girls	15%	12%	27%	23%	19%	4%
	Boys	8%	15%	35%	15%	23%	4%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
f) Mathematics is boring.	All	19%	15%	27%	25%	8%	6%
	Girls	27%	8%	31%	19%	8%	8%
	Boys	12%	23%	23%	31%	8%	4%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
g) Mathematics is an easy subject.	All	0%	10%	35%	19%	29%	8%
	Girls	0%	4%	23%	27%	38%	8%
	Boys	0%	15%	46%	12%	19%	8%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
h) I enjoy doing mathematics puzzles or exercises just for fun.	All	6%	8%	13%	19%	48%	6%
	Girls	8%	4%	12%	15%	54%	8%
	Boys	4%	12%	15%	23%	42%	4%

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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	17%	19%	37%	13%	8%	6%
	Girls	15%	12%	46%	15%	8%	4%
	Boys	19%	27%	27%	12%	8%	8%

		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	6%	17%	29%	29%	12%	8%
	Girls	8%	12%	27%	31%	19%	4%
	Boys	4%	23%	31%	27%	4%	12%

		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	12%	27%	27%	17%	12%	6%
	Girls	12%	35%	19%	15%	15%	4%
	Boys	12%	19%	35%	19%	8%	8%

		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	4%	10%	35%	21%	23%	8%
	Girls	8%	8%	38%	8%	31%	8%
	Boys	0%	12%	31%	35%	15%	8%

		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	25%	27%	31%	8%	4%	6%
	Girls	27%	35%	23%	8%	4%	4%
	Boys	23%	19%	38%	8%	4%	8%

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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	13%	15%	35%	19%	12%	6%
	Girls	12%	12%	46%	19%	8%	4%
	Boys	15%	19%	23%	19%	15%	8%