

Applied Program Students

<b>Board:</b>	Toronto Catholic District School Board (67059)
<b>School:</b>	Monsignor Percy Johnson Catholic HS (732443)

Number of Respondents: 98
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**Student Background**

		Male	Female	No response
1. Are you male or female?	All	63%	37%	0%
	Girls	0%	100%	0%
	Boys	100%	0%	0%

		Yes	No	No response
2. a) Were you born outside of Canada?	All	31%	68%	1%
	Girls	31%	67%	3%
	Boys	31%	69%	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	13%	17%	17%	53%	0%
	Girls	18%	18%	18%	45%	0%
	Boys	11%	16%	16%	58%	0%

		1986 or before	1987	1988	1989	1990	1991	1992 or after	No response
3. In what year were you born?	All	3%	18%	77%	0%	0%	0%	1%	1%
	Girls	3%	19%	72%	0%	0%	0%	3%	3%
	Boys	3%	18%	79%	0%	0%	0%	0%	0%

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	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
4. What language do you speak at home?						
All	43%	19%	18%	13%	5%	1%
Girls	36%	19%	19%	11%	11%	3%
Boys	47%	19%	18%	15%	2%	0%

## School background

	Yes	No	No response
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?			
All	30%	68%	2%
Girls	47%	50%	3%
Boys	19%	79%	2%

	Never	1-2 times	3-4 times	5 or more times	No response
6. How often in the past month have you been absent from mathematics class?					
All	21%	34%	19%	21%	4%
Girls	17%	28%	17%	31%	8%
Boys	24%	37%	21%	16%	2%

	1 school	2 schools	3 schools	4 schools	5 schools or more	No response
7. How many elementary schools did you attend before coming to secondary school?						
All	34%	33%	19%	5%	5%	4%
Girls	25%	36%	14%	8%	11%	6%
Boys	39%	31%	23%	3%	2%	3%

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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	81%	17%	2%
	Girls	81%	17%	3%
	Boys	81%	18%	2%

		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	5%	8%	20%	67%	0%
	Girls	7%	7%	31%	55%	0%
	Boys	4%	8%	14%	74%	0%

		Yes	No	No response
9. a) Do you have a scientific calculator at home that you use for school work?	All	81%	17%	2%
	Girls	75%	22%	3%
	Boys	84%	15%	2%

		Yes	No	No response
b) Do you have a graphing calculator at home that you use for school work?	All	4%	94%	2%
	Girls	6%	92%	3%
	Boys	3%	95%	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	5%	20%	40%	27%	5%	3%
	Girls	3%	11%	39%	33%	11%	3%
	Boys	6%	26%	40%	23%	2%	3%

**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%	16%	34%	20%	17%	2%
	Girls	6%	14%	31%	22%	25%	3%
	Boys	13%	18%	35%	19%	13%	2%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
b) I am good at mathematics.	All	8%	17%	44%	16%	12%	2%
	Girls	3%	8%	42%	19%	25%	3%
	Boys	11%	23%	45%	15%	5%	2%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
c) I understand most of the mathematics I am taught.	All	8%	33%	34%	15%	4%	6%
	Girls	8%	22%	39%	19%	8%	3%
	Boys	8%	39%	31%	13%	2%	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	16%	22%	29%	17%	10%	5%
	Girls	14%	17%	33%	19%	14%	3%
	Boys	18%	26%	26%	16%	8%	6%

		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%	17%	29%	17%	10%	4%
	Girls	22%	11%	22%	19%	22%	3%
	Boys	23%	21%	32%	16%	3%	5%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
f) Mathematics is boring.	All	16%	10%	28%	29%	13%	4%
	Girls	14%	8%	31%	22%	22%	3%
	Boys	18%	11%	26%	32%	8%	5%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
g) Mathematics is an easy subject.	All	8%	14%	27%	20%	24%	6%
	Girls	6%	6%	22%	17%	42%	8%
	Boys	10%	19%	29%	23%	15%	5%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
h) I enjoy doing mathematics puzzles or exercises just for fun.	All	7%	11%	18%	29%	30%	5%
	Girls	3%	8%	31%	25%	31%	3%
	Boys	10%	13%	11%	31%	29%	6%

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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	13%	28%	44%	7%	4%	4%
	Girls	8%	17%	50%	14%	6%	6%
	Boys	16%	34%	40%	3%	3%	3%

		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	8%	24%	35%	20%	8%	4%
	Girls	3%	28%	28%	19%	17%	6%
	Boys	11%	23%	39%	21%	3%	3%

		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	13%	22%	33%	22%	5%	4%
	Girls	8%	36%	25%	19%	6%	6%
	Boys	16%	15%	37%	24%	5%	3%

		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	9%	19%	30%	22%	13%	6%
	Girls	8%	19%	22%	28%	14%	8%
	Boys	10%	19%	34%	19%	13%	5%

		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	14%	27%	35%	14%	5%	5%
	Girls	11%	11%	42%	25%	6%	6%
	Boys	16%	35%	31%	8%	5%	5%

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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	17%	22%	31%	17%	7%	5%
	Girls	8%	22%	28%	28%	8%	6%
	Boys	23%	23%	32%	11%	6%	5%