

## Applied Program Students

<b>Board:</b>	Toronto Catholic District School Board (67059)
<b>School:</b>	Dante Alighieri Academy Sep S (702935)

Number of Respondents: 192
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## Student Background

		Male	Female	No response
1. Are you male or female?	All	65%	35%	0%
	Girls	0%	100%	0%
	Boys	100%	0%	0%

		Yes	No	No response
2. a) Were you born outside of Canada?	All	30%	70%	0%
	Girls	29%	71%	0%
	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	12%	14%	21%	53%	0%
	Girls	10%	15%	20%	55%	0%
	Boys	13%	13%	21%	53%	0%

		1986 or before	1987	1988	1989	1990	1991	1992 or after	No response
3. In what year were you born?	All	6%	22%	71%	0%	0%	0%	0%	1%
	Girls	6%	22%	72%	0%	0%	0%	0%	0%
	Boys	6%	23%	71%	0%	0%	0%	0%	1%

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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	18%	27%	30%	21%	4%	0%
	Girls	16%	24%	34%	24%	3%	0%
	Boys	19%	29%	28%	19%	4%	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	31%	69%	1%
	Girls	24%	76%	0%
	Boys	35%	65%	1%

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	18%	34%	28%	19%	1%
	Girls	15%	31%	34%	21%	0%
	Boys	20%	35%	25%	19%	1%

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	44%	29%	15%	6%	5%	1%
	Girls	46%	24%	13%	7%	9%	1%
	Boys	43%	31%	16%	6%	3%	1%

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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	83%	17%	0%
	Girls	82%	18%	0%
	Boys	84%	16%	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%	11%	18%	68%	0%
	Girls	5%	7%	18%	70%	0%
	Boys	2%	13%	17%	67%	0%

		Yes	No	No response
9. a) Do you have a scientific calculator at home that you use for school work?	All	82%	18%	0%
	Girls	94%	6%	0%
	Boys	76%	24%	0%

		Yes	No	No response
b) Do you have a graphing calculator at home that you use for school work?	All	6%	93%	1%
	Girls	7%	93%	0%
	Boys	6%	94%	1%

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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%	17%	46%	24%	9%	1%
	Girls	1%	19%	44%	24%	12%	0%
	Boys	4%	16%	47%	24%	8%	1%

**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	5%	15%	30%	22%	27%	0%
	Girls	1%	9%	29%	32%	28%	0%
	Boys	7%	19%	31%	17%	27%	0%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
b) I am good at mathematics.	All	4%	11%	42%	25%	17%	1%
	Girls	1%	7%	34%	34%	22%	1%
	Boys	5%	13%	47%	20%	15%	1%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
c) I understand most of the mathematics I am taught.	All	8%	22%	46%	19%	5%	1%
	Girls	12%	15%	46%	19%	7%	1%
	Boys	6%	26%	47%	19%	3%	0%

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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	14%	21%	30%	20%	15%	0%
	Girls	10%	12%	38%	22%	18%	0%
	Boys	16%	27%	25%	19%	13%	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	20%	16%	28%	20%	16%	1%
	Girls	10%	13%	32%	22%	22%	0%
	Boys	25%	18%	25%	19%	12%	1%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
f) Mathematics is boring.	All	23%	18%	23%	19%	15%	1%
	Girls	18%	15%	31%	22%	13%	1%
	Boys	27%	20%	19%	18%	15%	1%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
g) Mathematics is an easy subject.	All	4%	8%	26%	29%	32%	1%
	Girls	1%	7%	21%	29%	40%	1%
	Boys	6%	8%	29%	28%	28%	1%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
h) I enjoy doing mathematics puzzles or exercises just for fun.	All	5%	11%	25%	20%	38%	0%
	Girls	3%	13%	26%	19%	38%	0%
	Boys	6%	10%	24%	21%	38%	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	8%	29%	47%	11%	5%	0%
	Girls	1%	25%	59%	13%	1%	0%
	Boys	12%	31%	40%	10%	6%	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	4%	21%	33%	30%	11%	1%
	Girls	4%	18%	37%	28%	13%	0%
	Boys	3%	23%	31%	31%	10%	1%

		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	14%	22%	39%	17%	7%	1%
	Girls	13%	22%	37%	19%	7%	1%
	Boys	15%	23%	40%	16%	7%	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	16%	20%	33%	22%	8%	1%
	Girls	16%	16%	35%	24%	9%	0%
	Boys	16%	22%	31%	22%	8%	1%

		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%	25%	43%	12%	6%	1%
	Girls	15%	29%	40%	10%	6%	0%
	Boys	13%	23%	44%	14%	6%	1%

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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	8%	17%	45%	20%	10%	0%
	Girls	4%	12%	51%	22%	10%	0%
	Boys	10%	20%	41%	19%	10%	0%