

## Applied Program Students

<b>Board:</b>	Toronto Catholic District School Board (67059)
<b>School:</b>	James Cardinal McGuigan Catholic (723096)

Number of Respondents: 48
---------------------------

## Student Background

		Male	Female	No response
1. Are you male or female?	All	56%	42%	2%
	Girls	0%	100%	0%
	Boys	100%	0%	0%

		Yes	No	No response
2. a) Were you born outside of Canada?	All	44%	56%	0%
	Girls	35%	65%	0%
	Boys	52%	48%	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	10%	14%	19%	52%	5%
	Girls	14%	29%	14%	29%	14%
	Boys	7%	7%	21%	64%	0%

		1986 or before	1987	1988	1989	1990	1991	1992 or after	No response
3. In what year were you born?	All	15%	25%	60%	0%	0%	0%	0%	0%
	Girls	15%	15%	70%	0%	0%	0%	0%	0%
	Boys	11%	33%	56%	0%	0%	0%	0%	0%

## Applied Program Students

<b>Board:</b>	Toronto Catholic District School Board (67059)
<b>School:</b>	James Cardinal McGuigan Catholic (723096)

Number of Respondents: 48
---------------------------

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	40%	19%	17%	21%	4%	0%
	Girls	35%	15%	30%	15%	5%	0%
	Boys	41%	22%	7%	26%	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%	0%
	Girls	35%	65%	0%
	Boys	26%	74%	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%	31%	21%	23%	4%
	Girls	20%	25%	30%	25%	0%
	Boys	22%	37%	15%	19%	7%

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	50%	19%	15%	8%	4%	4%
	Girls	50%	20%	10%	5%	5%	10%
	Boys	52%	19%	15%	11%	4%	0%

## Applied Program Students

<b>Board:</b>	Toronto Catholic District School Board (67059)
<b>School:</b>	James Cardinal McGuigan Catholic (723096)

Number of Respondents: 48
---------------------------

## School work

		Yes	No	No response
8. a) Do you have a computer at home that you use for school work?	All	81%	19%	0%
	Girls	85%	15%	0%
	Boys	78%	22%	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%	10%	15%	72%	0%
	Girls	0%	12%	18%	71%	0%
	Boys	5%	10%	14%	71%	0%

		Yes	No	No response
9. a) Do you have a scientific calculator at home that you use for school work?	All	77%	23%	0%
	Girls	80%	20%	0%
	Boys	74%	26%	0%

		Yes	No	No response
b) Do you have a graphing calculator at home that you use for school work?	All	8%	92%	0%
	Girls	10%	90%	0%
	Boys	7%	93%	0%

Applied Program Students

**Board:** Toronto Catholic District School Board (67059)  
**School:** James Cardinal McGuigan Catholic (723096)

Number of Respondents: 48

		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	8%	29%	35%	19%	8%	0%
	Girls	10%	25%	35%	15%	15%	0%
	Boys	7%	33%	37%	19%	4%	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	25%	12%	27%	21%	15%	0%
	Girls	15%	15%	40%	10%	20%	0%
	Boys	33%	11%	19%	30%	7%	0%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
b) I am good at mathematics.	All	12%	15%	35%	19%	19%	0%
	Girls	5%	10%	35%	20%	30%	0%
	Boys	19%	19%	37%	19%	7%	0%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
c) I understand most of the mathematics I am taught.	All	12%	31%	35%	15%	4%	2%
	Girls	5%	35%	40%	15%	5%	0%
	Boys	19%	30%	30%	15%	4%	4%

## Applied Program Students

Board: Toronto Catholic District School Board (67059)

School: James Cardinal McGuigan Catholic (723096)

Number of Respondents: 48

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
d) The mathematics I learn now is very useful for everyday life.	All	12%	29%	40%	17%	0%	2%
	Girls	10%	20%	45%	20%	0%	5%
	Boys	15%	37%	33%	15%	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	25%	19%	25%	15%	17%	0%
	Girls	30%	10%	10%	30%	20%	0%
	Boys	22%	26%	37%	4%	11%	0%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
f) Mathematics is boring.	All	15%	21%	27%	23%	15%	0%
	Girls	5%	25%	35%	20%	15%	0%
	Boys	22%	19%	22%	26%	11%	0%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
g) Mathematics is an easy subject.	All	8%	15%	35%	27%	12%	2%
	Girls	10%	10%	25%	30%	20%	5%
	Boys	7%	19%	41%	26%	7%	0%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
h) I enjoy doing mathematics puzzles or exercises just for fun.	All	15%	10%	27%	27%	21%	0%
	Girls	15%	5%	25%	20%	35%	0%
	Boys	15%	15%	30%	33%	7%	0%

## Applied Program Students

Board: Toronto Catholic District School Board (67059)

School: James Cardinal McGuigan Catholic (723096)

Number of Respondents: 48

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	12%	27%	50%	8%	2%	0%
	Girls	10%	15%	65%	5%	5%	0%
	Boys	15%	37%	37%	11%	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	12%	23%	38%	19%	8%	0%
	Girls	5%	20%	30%	35%	10%	0%
	Boys	19%	26%	44%	7%	4%	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	8%	35%	44%	8%	4%	0%
	Girls	10%	20%	55%	10%	5%	0%
	Boys	7%	48%	37%	7%	0%	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	6%	21%	35%	25%	10%	2%
	Girls	10%	15%	35%	25%	15%	0%
	Boys	4%	26%	37%	26%	4%	4%

		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	23%	31%	25%	15%	6%	0%
	Girls	15%	35%	20%	20%	10%	0%
	Boys	30%	30%	26%	11%	4%	0%

## Applied Program Students

Board: Toronto Catholic District School Board (67059)

School: James Cardinal McGuigan Catholic (723096)

Number of Respondents: 48

		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%	17%	31%	29%	6%	0%
	Girls	10%	5%	35%	45%	5%	0%
	Boys	22%	26%	30%	19%	4%	0%