

Applied Program Students

**Board:** Toronto Catholic District School Board (67059)  
**School:** Senator O'Connor College School (763772)

Number of Respondents: 41

**Student Background**

	Male	Female	No response
1. Are you male or female?			
All	59%	41%	0%
Girls	0%	100%	0%
Boys	100%	0%	0%

	Yes	No	No response
2. a) Were you born outside of Canada?			
All	32%	61%	7%
Girls	41%	53%	6%
Boys	25%	67%	8%

	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	31%	23%	8%	38%	0%
Girls	29%	29%	14%	29%	0%
Boys	33%	17%	0%	50%	0%

	1986 or before	1987	1988	1989	1990	1991	1992 or after	No response
3. In what year were you born?								
All	7%	20%	71%	0%	0%	0%	0%	2%
Girls	6%	29%	59%	0%	0%	0%	0%	6%
Boys	8%	12%	79%	0%	0%	0%	0%	0%

## Applied Program Students

<b>Board:</b>	Toronto Catholic District School Board (67059)
<b>School:</b>	Senator O'Connor College School (763772)

Number of Respondents: 41
---------------------------

	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	39%	29%	20%	7%	0%	5%
Girls	47%	29%	12%	6%	0%	6%
Boys	33%	29%	25%	8%	0%	4%

## 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	27%	68%	5%
Girls	18%	76%	6%
Boys	33%	62%	4%

	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	7%	46%	29%	12%	5%
Girls	18%	35%	35%	6%	6%
Boys	0%	54%	25%	17%	4%

	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	49%	32%	10%	2%	0%	7%
Girls	47%	29%	12%	6%	0%	6%
Boys	50%	33%	8%	0%	0%	8%

## Applied Program Students

Board: Toronto Catholic District School Board (67059)

School: Senator O'Connor College School (763772)

Number of Respondents: 41

## School work

		Yes	No	No response
8. a) Do you have a computer at home that you use for school work?	All	85%	7%	7%
	Girls	88%	6%	6%
	Boys	83%	8%	8%

		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	9%	17%	29%	46%	0%
	Girls	7%	33%	7%	53%	0%
	Boys	10%	5%	45%	40%	0%

		Yes	No	No response
9. a) Do you have a scientific calculator at home that you use for school work?	All	83%	10%	7%
	Girls	94%	0%	6%
	Boys	75%	17%	8%

		Yes	No	No response
b) Do you have a graphing calculator at home that you use for school work?	All	5%	88%	7%
	Girls	0%	94%	6%
	Boys	8%	83%	8%

Applied Program Students

**Board:** Toronto Catholic District School Board (67059)  
**School:** Senator O'Connor College School (763772)

Number of Respondents: 41

		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%	7%	56%	20%	7%	7%
	Girls	0%	0%	41%	41%	12%	6%
	Boys	4%	12%	67%	4%	4%	8%

**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%	24%	34%	22%	7%	7%
	Girls	6%	29%	24%	24%	12%	6%
	Boys	4%	21%	42%	21%	4%	8%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
b) I am good at mathematics.	All	2%	24%	44%	20%	2%	7%
	Girls	0%	35%	24%	29%	6%	6%
	Boys	4%	17%	58%	12%	0%	8%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
c) I understand most of the mathematics I am taught.	All	10%	39%	29%	15%	0%	7%
	Girls	6%	47%	29%	12%	0%	6%
	Boys	12%	33%	29%	17%	0%	8%

## Applied Program Students

Board: Toronto Catholic District School Board (67059)

School: Senator O'Connor College School (763772)

Number of Respondents: 41

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
d) The mathematics I learn now is very useful for everyday life.	All	7%	24%	32%	17%	10%	10%
	Girls	6%	29%	24%	18%	12%	12%
	Boys	8%	21%	38%	17%	8%	8%

		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	15%	12%	44%	10%	10%	10%
	Girls	24%	6%	47%	6%	12%	6%
	Boys	8%	17%	42%	12%	8%	12%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
f) Mathematics is boring.	All	7%	20%	32%	22%	12%	7%
	Girls	12%	18%	24%	24%	18%	6%
	Boys	4%	21%	38%	21%	8%	8%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
g) Mathematics is an easy subject.	All	5%	22%	27%	17%	20%	10%
	Girls	0%	18%	29%	18%	24%	12%
	Boys	8%	25%	25%	17%	17%	8%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
h) I enjoy doing mathematics puzzles or exercises just for fun.	All	10%	15%	15%	29%	22%	10%
	Girls	6%	29%	6%	29%	24%	6%
	Boys	12%	4%	21%	29%	21%	12%

## Applied Program Students

Board: Toronto Catholic District School Board (67059)

School: Senator O'Connor College School (763772)

Number of Respondents: 41

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	24%	32%	27%	10%	0%	7%
	Girls	24%	29%	35%	6%	0%	6%
	Boys	25%	33%	21%	12%	0%	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	0%	29%	37%	17%	10%	7%
	Girls	0%	41%	24%	18%	12%	6%
	Boys	0%	21%	46%	17%	8%	8%

		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	7%	17%	51%	17%	0%	7%
	Girls	12%	6%	53%	24%	0%	6%
	Boys	4%	25%	50%	12%	0%	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	2%	34%	32%	22%	2%	7%
	Girls	6%	35%	35%	12%	6%	6%
	Boys	0%	33%	29%	29%	0%	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	5%	37%	32%	17%	2%	7%
	Girls	12%	29%	35%	12%	6%	6%
	Boys	0%	42%	29%	21%	0%	8%

## Applied Program Students

Board: Toronto Catholic District School Board (67059)

School: Senator O'Connor College School (763772)

Number of Respondents: 41

		Very easy 1	2	3	4	Very hard 5	No response
f) Mathematics questions that deal with geometry (e.g., angles, medians, quadrilaterals)	All	7%	20%	51%	10%	5%	7%
	Girls	0%	24%	53%	6%	12%	6%
	Boys	12%	17%	50%	12%	0%	8%