

Applied Program Students

Board: Toronto Catholic District School Board (67059)

School: Don Bosco Catholic SS (703184)

Number of Respondents: 85

Student Background

		Male	Female	No response
1. Are you male or female?	All	52%	48%	0%
	Girls	0%	100%	0%
	Boys	100%	0%	0%

		Yes	No	No response
2. a) Were you born outside of Canada?	All	36%	58%	6%
	Girls	32%	59%	10%
	Boys	41%	57%	2%

		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	19%	16%	26%	32%	6%
	Girls	23%	8%	23%	38%	8%
	Boys	17%	22%	28%	28%	6%

		1986 or before	1987	1988	1989	1990	1991	1992 or after	No response
3. In what year were you born?	All	8%	21%	68%	0%	0%	0%	0%	2%
	Girls	7%	22%	68%	0%	0%	0%	0%	2%
	Boys	9%	20%	68%	0%	0%	0%	0%	2%

Applied Program Students

Board: Toronto Catholic District School Board (67059)

School: Don Bosco Catholic SS (703184)

Number of Respondents: 85

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	38%	14%	20%	16%	9%	2%
	Girls	46%	10%	17%	12%	12%	2%
	Boys	30%	18%	23%	20%	7%	2%

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	39%	56%	5%
	Girls	46%	51%	2%
	Boys	32%	61%	7%

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	19%	34%	14%	28%	5%
	Girls	17%	34%	15%	29%	5%
	Boys	20%	34%	14%	27%	5%

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	33%	27%	15%	8%	8%	8%
	Girls	27%	27%	22%	7%	10%	7%
	Boys	39%	27%	9%	9%	7%	9%

Applied Program Students

Board: Toronto Catholic District School Board (67059)

School: Don Bosco Catholic SS (703184)

Number of Respondents: 85

School work

		Yes	No	No response
8. a) Do you have a computer at home that you use for school work?	All	76%	20%	4%
	Girls	73%	24%	2%
	Boys	80%	16%	5%

		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%	18%	12%	58%	2%
	Girls	7%	10%	13%	70%	0%
	Boys	11%	26%	11%	49%	3%

		Yes	No	No response
9. a) Do you have a scientific calculator at home that you use for school work?	All	81%	15%	4%
	Girls	76%	22%	2%
	Boys	86%	9%	5%

		Yes	No	No response
b) Do you have a graphing calculator at home that you use for school work?	All	11%	86%	4%
	Girls	10%	88%	2%
	Boys	11%	84%	5%

Applied Program Students

Board: Toronto Catholic District School Board (67059)
School: Don Bosco Catholic SS (703184)

Number of Respondents: 85

		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	20%	18%	35%	16%	6%	5%
	Girls	20%	27%	27%	15%	7%	5%
	Boys	20%	9%	43%	18%	5%	5%

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	8%	18%	33%	20%	16%	5%
	Girls	7%	7%	41%	20%	22%	2%
	Boys	9%	27%	25%	20%	11%	7%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
b) I am good at mathematics.	All	6%	20%	34%	22%	13%	5%
	Girls	10%	17%	22%	34%	15%	2%
	Boys	2%	23%	45%	11%	11%	7%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
c) I understand most of the mathematics I am taught.	All	6%	26%	44%	16%	2%	6%
	Girls	5%	20%	49%	17%	5%	5%
	Boys	7%	32%	39%	16%	0%	7%

Applied Program Students

Board:	Toronto Catholic District School Board (67059)
School:	Don Bosco Catholic SS (703184)

Number of Respondents: 85

		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%	15%	33%	14%	16%	5%
	Girls	17%	7%	37%	20%	17%	2%
	Boys	16%	23%	30%	9%	16%	7%

		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	19%	21%	26%	14%	15%	5%
	Girls	10%	20%	32%	12%	24%	2%
	Boys	27%	23%	20%	16%	7%	7%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
f) Mathematics is boring.	All	21%	16%	26%	15%	16%	5%
	Girls	24%	20%	22%	20%	12%	2%
	Boys	18%	14%	30%	11%	20%	7%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
g) Mathematics is an easy subject.	All	6%	14%	28%	18%	29%	5%
	Girls	5%	12%	24%	15%	41%	2%
	Boys	7%	16%	32%	20%	18%	7%

		Strongly Agree 1	2	3	4	Strongly Disagree 5	No response
h) I enjoy doing mathematics puzzles or exercises just for fun.	All	13%	11%	22%	14%	35%	5%
	Girls	15%	10%	12%	15%	46%	2%
	Boys	11%	11%	32%	14%	25%	7%

Applied Program Students

Board: Toronto Catholic District School Board (67059)
School: Don Bosco Catholic SS (703184)

Number of Respondents: 85

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	7%	19%	51%	12%	6%	6%
	Girls	7%	17%	49%	17%	5%	5%
	Boys	7%	20%	52%	7%	7%	7%

		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%	16%	44%	20%	8%	6%
	Girls	7%	17%	39%	24%	7%	5%
	Boys	5%	16%	48%	16%	9%	7%

		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%	25%	39%	14%	8%	6%
	Girls	10%	20%	37%	17%	12%	5%
	Boys	7%	30%	41%	11%	5%	7%

		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	14%	12%	32%	16%	19%	7%
	Girls	15%	5%	27%	24%	22%	7%
	Boys	14%	18%	36%	9%	16%	7%

		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	18%	20%	29%	19%	8%	6%
	Girls	17%	27%	17%	22%	12%	5%
	Boys	18%	14%	41%	16%	5%	7%

Applied Program Students

Board: Toronto Catholic District School Board (67059)

School: Don Bosco Catholic SS (703184)

Number of Respondents: 85

		Very easy 1	2	3	4	Very hard 5	No response
f) Mathematics questions that deal with geometry (e.g., angles, medians, quadrilaterals)	All	18%	16%	36%	12%	11%	7%
	Girls	20%	10%	34%	17%	12%	7%
	Boys	16%	23%	39%	7%	9%	7%