

Student Questionnaire: Academic Program–All Students School Results

School: Father John Redmond Catholic SS (731951)

Board: Toronto Catholic District School Board (67059)

Attitudes Toward Mathematics

Number of Respondents	School ¹		Board ¹		Province ¹	
	#	% ²	#	% ²	#	% ²
	164		4 400		98 764	
1. Indicate the degree to which you agree or disagree with each of the following statements.						
a. I like mathematics.						
Strongly agree or agree	81	49%	2 329	53%	50 913	52%
Undecided	40	24%	1 078	24%	24 605	25%
Disagree or strongly disagree	41	25%	982	22%	23 043	23%
no response/ambiguous response	2	1%	11	<1%	203	<1%
b. I am good at mathematics.						
Strongly agree or agree	67	41%	1 995	45%	49 024	50%
Undecided	55	34%	1 519	35%	29 991	30%
Disagree or strongly disagree	40	24%	868	20%	19 450	20%
no response/ambiguous response	2	1%	18	<1%	299	<1%
c. I understand most of the mathematics I am taught.						
Strongly agree or agree	100	61%	3 107	71%	69 703	71%
Undecided	42	26%	886	20%	18 689	19%
Disagree or strongly disagree	21	13%	389	9%	10 006	10%
no response/ambiguous response	1	1%	18	<1%	366	<1%
d. The mathematics I learn now is very useful for everyday life.						
Strongly agree or agree	60	37%	1 798	41%	35 108	36%
Undecided	49	30%	1 430	32%	32 704	33%
Disagree or strongly disagree	53	32%	1 148	26%	30 560	31%
no response/ambiguous response	2	1%	24	1%	392	<1%

1. Numbers and percentages are based on the total number of students who completed a questionnaire.

2. Percentages may not add up to 100, due to rounding.

Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–All Students

Attitudes Toward Mathematics

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	164		4 400		98 764	
	#	% ²	#	% ²	#	% ²
e. I need to keep taking mathematics for the kind of job I want after I leave school.						
Strongly agree or agree	82	50%	2 477	56%	54 717	55%
Undecided	56	34%	1 296	29%	29 962	30%
Disagree or strongly disagree	24	15%	604	14%	13 631	14%
no response/ambiguous response	2	1%	23	1%	454	<1%
f. Mathematics is boring.						
Strongly agree or agree	52	32%	1 174	27%	31 005	31%
Undecided	44	27%	1 252	28%	27 793	28%
Disagree or strongly disagree	66	40%	1 941	44%	39 364	40%
no response/ambiguous response	2	1%	33	1%	602	1%
g. Mathematics is an easy subject.						
Strongly agree or agree	34	21%	1 075	24%	26 623	27%
Undecided	58	35%	1 350	31%	28 596	29%
Disagree or strongly disagree	70	43%	1 951	44%	43 010	44%
no response/ambiguous response	2	1%	24	1%	535	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–All Students

Attitudes Toward Mathematics

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	#	% ²	#	% ²	#	% ²
	164		4 400		98 764	
2. Indicate how easy or hard you find mathematics questions that deal with the following.						
a. Number sense (e.g., operations with integers, rational numbers, exponents)						
Very easy or easy	118	72%	3 093	70%	66 218	67%
Undecided	32	20%	922	21%	21 620	22%
Hard or very hard	12	7%	352	8%	10 112	10%
no response/ambiguous response	2	1%	33	1%	814	1%
b. Algebra (e.g., solving equations, simplifying expressions with polynomials)						
Very easy or easy	89	54%	2 640	60%	59 158	60%
Undecided	44	27%	936	21%	20 381	21%
Hard or very hard	29	18%	798	18%	18 487	19%
no response/ambiguous response	2	1%	26	1%	738	1%
c. Linear relations (e.g., scatter plots, lines of best fit)						
Very easy or easy	57	35%	2 078	47%	47 683	48%
Undecided	50	30%	1 358	31%	28 744	29%
Hard or very hard	55	34%	929	21%	21 550	22%
no response/ambiguous response	2	1%	35	1%	787	1%
d. Analytic geometry (e.g., slope, y-intercept, equations of lines)						
Very easy or easy	27	16%	1 903	43%	40 227	41%
Undecided	31	19%	1 140	26%	25 381	26%
Hard or very hard	105	64%	1 318	30%	32 310	33%
no response/ambiguous response	1	1%	39	1%	846	1%
e. Measurement (e.g., perimeter, surface area, volume)						
Very easy or easy	127	77%	3 292	75%	74 375	75%
Undecided	22	13%	736	17%	15 853	16%
Hard or very hard	13	8%	327	7%	7 550	8%
no response/ambiguous response	2	1%	45	1%	986	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–All Students

Attitudes Toward Mathematics

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	164		4 400		98 764	
	#	% ²	#	% ²	#	% ²
f. Geometry (e.g., angles, quadrilaterals)						
Very easy or easy	100	61%	2 637	60%	62 616	63%
Undecided	42	26%	1 119	25%	22 566	23%
Hard or very hard	19	12%	596	14%	12 602	13%
no response/ambiguous response	3	2%	48	1%	980	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–All Students

Background

Number of Respondents	School ¹		Board ¹		Province ¹	
	#	% ²	#	% ²	#	% ²
3a. Do you have a computer <i>at home</i> that you use for mathematics school work?						
Yes	77	47%	2 144	49%	51 664	52%
No	86	52%	2 204	50%	46 122	47%
no response/ambiguous response	1	1%	52	1%	978	1%
b. Do you have a scientific calculator <i>at home</i> that you use for mathematics school work?						
Yes	143	87%	3 789	86%	84 567	86%
No	19	12%	562	13%	13 246	13%
no response/ambiguous response	2	1%	49	1%	951	1%
c. Do you have a graphing calculator <i>at home</i> that you use for mathematics school work?						
Yes	13	8%	662	15%	8 406	9%
No	150	91%	3 681	84%	89 175	90%
no response/ambiguous response	1	1%	57	1%	1 183	1%
4a. How much time to you <i>usually</i> spend on mathematics homework (in or out of school) on any given day?						
I usually spend <i>more than 45 minutes</i> on mathematics homework.	31	19%	1 201	27%	22 013	22%
I usually spend <i>between 31 and 45 minutes</i> on mathematics homework.	58	35%	1 694	38%	35 594	36%
I usually spend <i>30 minutes or less</i> on mathematics homework.	72	44%	1 358	31%	37 219	38%
I am not usually assigned any mathematics homework.	1	1%	83	2%	2 689	3%
no response/ambiguous response	2	1%	64	1%	1 249	1%
b. How often do you complete all of your mathematics homework?						
Never or seldom	24	15%	469	11%	11 626	12%
Sometimes	60	37%	1 160	26%	23 060	23%
Often or always	78	48%	2 705	61%	62 775	64%
no response/ambiguous response	2	1%	66	2%	1 303	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–All Students

Background

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	164		4 400		98 764	
	#	% ²	#	% ²	#	% ²
5. What languages do you speak at home?						
Only or mostly English	96	59%	2 775	63%	75 675	77%
Another language (or languages) as often as English	33	20%	967	22%	13 200	13%
Mostly or only another language (or other languages)	32	20%	592	13%	8 522	9%
no response/ambiguous response	3	2%	66	2%	1 367	1%
6. How old are you?						
13 years or younger	0	0%	24	1%	839	1%
14 years	82	50%	2 786	63%	64 324	65%
15 years	76	46%	1 486	34%	31 232	32%
16 years or older	1	1%	36	1%	1 046	1%
no response/ambiguous response	5	3%	68	2%	1 323	1%
7. How often have you been absent from your Grade 9 mathematics class this year?						
Never	10	6%	843	19%	14 229	14%
One to four times	89	54%	2 480	56%	58 048	59%
Five to nine times	42	26%	717	16%	18 021	18%
10 or more times	19	12%	282	6%	7 035	7%
no response/ambiguous response	4	2%	78	2%	1 431	1%
8. How often have you been late for your Grade 9 mathematics class this year?						
Never	48	29%	2 158	49%	45 139	46%
One to four times	80	49%	1 565	36%	38 103	39%
Five to nine times	19	12%	358	8%	8 568	9%
10 or more times	14	9%	243	6%	5 493	6%
no response/ambiguous response	3	2%	76	2%	1 461	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–All Students

Background

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	164		4 400		98 764	
	#	% ²	#	% ²	#	% ²
9. How many elementary schools (kindergarten to Grade 8) did you attend?						
One school	60	37%	1 802	41%	27 575	28%
Two schools	59	36%	1 382	31%	34 973	35%
Three schools	25	15%	639	15%	18 970	19%
Four schools	11	7%	284	6%	8 460	9%
Five schools or more	6	4%	221	5%	7 298	7%
no response/ambiguous response	3	2%	72	2%	1 488	2%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–By Gender

Attitudes Toward Mathematics

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	164		4 400		98 764	
	Female 79 % ²	Male 85 % ²	Female 2 393 % ²	Male 2 007 % ²	Female 50 835 % ²	Male 47 929 % ²
1. Indicate the degree to which you agree or disagree with each of the following statements.						
a. I like mathematics.						
Strongly agree or agree	46%	53%	49%	58%	47%	57%
Undecided	25%	24%	25%	23%	27%	23%
Disagree or strongly disagree	29%	21%	26%	18%	27%	20%
no response/ambiguous response	0%	2%	<1%	<1%	<1%	<1%
b. I am good at mathematics.						
Strongly agree or agree	30%	51%	38%	54%	43%	57%
Undecided	39%	28%	38%	30%	33%	28%
Disagree or strongly disagree	30%	19%	24%	15%	24%	15%
no response/ambiguous response	0%	2%	<1%	1%	<1%	<1%
c. I understand most of the mathematics I am taught.						
Strongly agree or agree	53%	68%	69%	73%	67%	74%
Undecided	29%	22%	21%	19%	21%	17%
Disagree or strongly disagree	18%	8%	10%	8%	12%	8%
no response/ambiguous response	0%	1%	<1%	1%	<1%	<1%
d. The mathematics I learn now is very useful for everyday life.						
Strongly agree or agree	42%	32%	40%	42%	33%	39%
Undecided	29%	31%	34%	31%	36%	30%
Disagree or strongly disagree	29%	35%	26%	26%	32%	30%
no response/ambiguous response	0%	2%	<1%	1%	<1%	<1%
e. I need to keep taking mathematics for the kind of job I want after I leave school.						
Strongly agree or agree	53%	47%	54%	59%	53%	58%
Undecided	33%	35%	31%	27%	32%	29%
Disagree or strongly disagree	14%	15%	15%	12%	15%	13%
no response/ambiguous response	0%	2%	<1%	1%	<1%	1%

1. Numbers and percentages are based on the total number of students who completed a questionnaire and for whom gender data were available.

2. Percentages may not add up to 100, due to rounding.

Note: N/R "Not reported" indicates that the number of students responding to the questionnaire is so small (fewer than six in a group) that identification of individual results might be possible; therefore, results are not reported.

N/D "No data available" is used to indicate that there were no students for the group specified.

Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–By Gender

Attitudes Toward Mathematics

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	164		4 400		98 764	
	Female 79 % ²	Male 85 % ²	Female 2 393 % ²	Male 2 007 % ²	Female 50 835 % ²	Male 47 929 % ²
f. Mathematics is boring.						
Strongly agree or agree	33%	31%	26%	27%	31%	32%
Undecided	28%	26%	28%	29%	29%	28%
Disagree or strongly disagree	39%	41%	45%	43%	40%	40%
no response/ambiguous response	0%	2%	1%	1%	1%	1%
g. Mathematics is an easy subject.						
Strongly agree or agree	14%	27%	20%	30%	22%	32%
Undecided	34%	36%	31%	30%	29%	29%
Disagree or strongly disagree	52%	34%	49%	39%	49%	38%
no response/ambiguous response	0%	2%	<1%	1%	<1%	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–By Gender

Attitudes Toward Mathematics

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	164		4 400		98 764	
	Female 79 % ²	Male 85 % ²	Female 2 393 % ²	Male 2 007 % ²	Female 50 835 % ²	Male 47 929 % ²
2. Indicate how easy or hard you find mathematics questions that deal with the following.						
a. Number sense (e.g., operations with integers, rational numbers, exponents)						
Very easy or easy	71%	73%	67%	74%	64%	70%
Undecided	22%	18%	23%	19%	24%	20%
Hard or very hard	8%	7%	10%	6%	12%	9%
no response/ambiguous response	0%	2%	1%	1%	1%	1%
b. Algebra (e.g., solving equations, simplifying expressions with polynomials)						
Very easy or easy	52%	56%	61%	58%	61%	59%
Undecided	28%	26%	21%	22%	20%	21%
Hard or very hard	20%	15%	18%	19%	19%	19%
no response/ambiguous response	0%	2%	<1%	1%	1%	1%
c. Linear relations (e.g., scatter plots, lines of best fit)						
Very easy or easy	32%	38%	46%	49%	45%	51%
Undecided	30%	31%	31%	30%	30%	28%
Hard or very hard	38%	29%	22%	19%	24%	20%
no response/ambiguous response	0%	2%	1%	1%	1%	1%
d. Analytic geometry (e.g., slope, y-intercept, equations of lines)						
Very easy or easy	16%	16%	43%	44%	38%	44%
Undecided	22%	16%	25%	27%	26%	25%
Hard or very hard	62%	66%	32%	28%	35%	30%
no response/ambiguous response	0%	1%	1%	1%	1%	1%
e. Measurement (e.g., perimeter, surface area, volume)						
Very easy or easy	78%	76%	74%	76%	73%	77%
Undecided	14%	13%	17%	16%	17%	15%
Hard or very hard	8%	8%	8%	7%	8%	7%
no response/ambiguous response	0%	2%	1%	1%	1%	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–By Gender

Attitudes Toward Mathematics

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	Female 79 % ²	Male 85 % ²	Female 2 393 % ²	Male 2 007 % ²	Female 50 835 % ²	Male 47 929 % ²
f. Geometry (e.g., angles, quadrilaterals)						
Very easy or easy	58%	64%	58%	63%	60%	67%
Undecided	24%	27%	26%	24%	24%	21%
Hard or very hard	16%	7%	15%	12%	14%	11%
no response/ambiguous response	1%	2%	1%	1%	1%	1%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–By Gender

Background

Number of Respondents	School ¹		Board ¹		Province ¹	
	Female 79 % ²	Male 85 % ²	Female 2 393 % ²	Male 2 007 % ²	Female 50 835 % ²	Male 47 929 % ²
3a. Do you have a computer <i>at home</i> that you use for mathematics school work?						
Yes	54%	40%	48%	49%	54%	51%
No	46%	59%	51%	50%	45%	48%
no response/ambiguous response	0%	1%	1%	1%	1%	1%
b. Do you have a scientific calculator <i>at home</i> that you use for mathematics school work?						
Yes	91%	84%	89%	83%	88%	83%
No	9%	14%	10%	16%	11%	16%
no response/ambiguous response	0%	2%	1%	1%	1%	1%
c. Do you have a graphing calculator <i>at home</i> that you use for mathematics school work?						
Yes	9%	7%	16%	14%	8%	9%
No	91%	92%	83%	85%	91%	90%
no response/ambiguous response	0%	1%	1%	1%	1%	1%
4a. How much time to you <i>usually</i> spend on mathematics homework (in or out of school) on any given day?						
I usually spend <i>more than 45 minutes</i> on mathematics homework.	28%	11%	32%	22%	25%	19%
I usually spend <i>between 31 and 45 minutes</i> on mathematics homework.	35%	35%	41%	36%	40%	32%
I usually spend <i>30 minutes or less</i> on mathematics homework.	35%	52%	25%	38%	32%	44%
I am not usually assigned any mathematics homework.	0%	1%	2%	2%	2%	4%
no response/ambiguous response	1%	1%	1%	1%	1%	1%
b. How often do you complete all of your mathematics homework?						
Never or seldom	14%	15%	9%	13%	9%	15%
Sometimes	37%	36%	24%	29%	21%	25%
Often or always	49%	46%	65%	57%	69%	58%
no response/ambiguous response	0%	2%	1%	2%	1%	1%

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Grade 9 Assessment of Mathematics, 2006–2007

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Background

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	Female 79 % ²	Male 85 % ²	Female 2 393 % ²	Male 2 007 % ²	Female 50 835 % ²	Male 47 929 % ²
	164		4 400		98 764	
5. What languages do you speak at home?						
Only or mostly English	57%	60%	63%	63%	77%	76%
Another language (or languages) as often as English	22%	19%	23%	21%	14%	13%
Mostly or only another language (or other languages)	20%	19%	13%	14%	8%	10%
no response/ambiguous response	1%	2%	1%	2%	1%	1%
6. How old are you?						
13 years or younger	0%	0%	<1%	1%	1%	1%
14 years	51%	49%	64%	63%	66%	64%
15 years	48%	45%	34%	34%	31%	32%
16 years or older	0%	1%	1%	1%	1%	1%
no response/ambiguous response	1%	5%	1%	2%	1%	1%
7. How often have you been absent from your Grade 9 mathematics class this year?						
Never	8%	5%	17%	22%	12%	17%
One to four times	57%	52%	57%	55%	60%	58%
Five to nine times	22%	29%	17%	15%	19%	17%
10 or more times	13%	11%	7%	6%	7%	7%
no response/ambiguous response	1%	4%	2%	2%	1%	2%
8. How often have you been late for your Grade 9 mathematics class this year?						
Never	23%	35%	50%	48%	47%	45%
One to four times	53%	45%	36%	36%	39%	38%
Five to nine times	18%	6%	8%	9%	8%	9%
10 or more times	5%	12%	5%	7%	5%	6%
no response/ambiguous response	1%	2%	2%	2%	1%	2%

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Grade 9 Assessment of Mathematics, 2006–2007

Student Questionnaire: Academic Program–By Gender

Background

<i>Number of Respondents</i>	School ¹		Board ¹		Province ¹	
	164		4 400		98 764	
	Female 79 % ²	Male 85 % ²	Female 2 393 % ²	Male 2 007 % ²	Female 50 835 % ²	Male 47 929 % ²
9. How many elementary schools (kindergarten to Grade 8) did you attend?						
One school	35%	38%	40%	42%	28%	28%
Two schools	38%	34%	32%	31%	35%	35%
Three schools	16%	14%	15%	14%	19%	19%
Four schools	5%	8%	7%	6%	9%	8%
Five schools or more	4%	4%	5%	5%	7%	7%
no response/ambiguous response	1%	2%	2%	2%	1%	2%

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