

Academic Program Students

| | |
|----------------|--|
| Board: | Toronto Catholic District School Board (67059) |
| School: | Michael Power/St Joseph HS (731820) |

| |
|----------------------------|
| Number of Respondents: 337 |
|----------------------------|

Student Background

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

| | | Yes | No | No response |
|--|-------|-----|-----|-------------|
| 2. a) Were you born outside of Canada? | All | 21% | 78% | 1% |
| | Girls | 19% | 80% | 1% |
| | Boys | 24% | 75% | 1% |

| | | 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 | 3% | 14% | 18% | 61% | 4% |
| | Girls | 0% | 18% | 15% | 64% | 3% |
| | Boys | 5% | 10% | 21% | 59% | 5% |

| | | 1986 or before | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 or after | No response |
|--------------------------------|-------|----------------|------|------|------|------|------|---------------|-------------|
| 3. In what year were you born? | All | 0% | 2% | 97% | <1% | 0% | 0% | 0% | 1% |
| | Girls | 0% | 2% | 97% | 0% | 0% | 0% | 0% | 1% |
| | Boys | 0% | 2% | 97% | 1% | 0% | 0% | 0% | 0% |

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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 | 49% | 23% | 15% | 11% | 2% | <1% |
| | Girls | 47% | 25% | 15% | 11% | 2% | 1% |
| | Boys | 52% | 21% | 14% | 10% | 2% | 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 | 14% | 85% | 1% |
| | Girls | 15% | 84% | 1% |
| | Boys | 13% | 87% | 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 | 29% | 49% | 17% | 4% | 1% |
| | Girls | 22% | 47% | 24% | 6% | 1% |
| | Boys | 36% | 52% | 10% | 2% | 0% |

| 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 | 58% | 27% | 10% | 2% | 3% | 1% |
| | Girls | 58% | 28% | 9% | 2% | 2% | 1% |
| | Boys | 58% | 26% | 11% | 2% | 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 | 97% | 2% | <1% |
| | Girls | 98% | 1% | 1% |
| | Boys | 96% | 4% | 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 | 2% | 5% | 22% | 71% | 1% |
| | Girls | 1% | 4% | 22% | 74% | 0% |
| | Boys | 2% | 6% | 23% | 68% | 1% |

| | | Yes | No | No response |
|---|-------|-----|----|-------------|
| 9. a) Do you have a scientific calculator at home that you use for school work? | All | 96% | 4% | <1% |
| | Girls | 98% | 1% | 1% |
| | Boys | 93% | 7% | 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 | 5% | 94% | 1% |
| | Boys | 7% | 93% | 0% |

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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 | 1% | 4% | 22% | 51% | 23% | <1% |
| | Girls | 0% | 2% | 17% | 57% | 22% | 1% |
| | Boys | 1% | 5% | 28% | 44% | 23% | 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 | 13% | 30% | 35% | 14% | 7% | 1% |
| | Girls | 10% | 28% | 35% | 15% | 11% | 1% |
| | Boys | 16% | 33% | 36% | 12% | 3% | 1% |

| | | Strongly Agree 1 | 2 | 3 | 4 | Strongly Disagree 5 | No response |
|------------------------------|-------|---------------------|-----|-----|-----|------------------------|-------------|
| b) I am good at mathematics. | All | 12% | 32% | 36% | 15% | 4% | 1% |
| | Girls | 9% | 28% | 36% | 20% | 6% | 2% |
| | Boys | 15% | 36% | 36% | 11% | 2% | 0% |

| | | Strongly Agree 1 | 2 | 3 | 4 | Strongly Disagree 5 | No response |
|--|-------|---------------------|-----|-----|-----|------------------------|-------------|
| c) I understand most of the mathematics I am taught. | All | 25% | 32% | 34% | 8% | 1% | 1% |
| | Girls | 21% | 27% | 39% | 10% | 1% | 1% |
| | Boys | 28% | 37% | 29% | 6% | 0% | 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 | 11% | 21% | 34% | 24% | 9% | 1% |
| | Girls | 9% | 19% | 35% | 28% | 8% | 1% |
| | Boys | 13% | 24% | 34% | 20% | 9% | 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 | 35% | 20% | 24% | 14% | 7% | 1% |
| | Girls | 26% | 20% | 25% | 20% | 8% | 1% |
| | Boys | 45% | 20% | 22% | 8% | 6% | 0% |

| | | Strongly Agree 1 | 2 | 3 | 4 | Strongly Disagree 5 | No response |
|---------------------------|-------|---------------------|-----|-----|-----|------------------------|-------------|
| f) Mathematics is boring. | All | 10% | 19% | 30% | 32% | 8% | 1% |
| | Girls | 12% | 16% | 32% | 31% | 7% | 1% |
| | Boys | 9% | 22% | 28% | 33% | 9% | 0% |

| | | Strongly Agree 1 | 2 | 3 | 4 | Strongly Disagree 5 | No response |
|------------------------------------|-------|---------------------|-----|-----|-----|------------------------|-------------|
| g) Mathematics is an easy subject. | All | 6% | 15% | 31% | 23% | 23% | 1% |
| | Girls | 6% | 13% | 24% | 25% | 30% | 2% |
| | Boys | 6% | 18% | 39% | 22% | 15% | 0% |

| | | Strongly Agree 1 | 2 | 3 | 4 | Strongly Disagree 5 | No response |
|---|-------|---------------------|-----|-----|-----|------------------------|-------------|
| h) I enjoy doing mathematics puzzles or exercises just for fun. | All | 8% | 12% | 25% | 30% | 24% | 1% |
| | Girls | 9% | 9% | 25% | 29% | 26% | 2% |
| | Boys | 7% | 16% | 25% | 31% | 21% | 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 | 30% | 37% | 27% | 4% | 1% | 1% |
| | Girls | 22% | 41% | 30% | 6% | 1% | 1% |
| | Boys | 39% | 33% | 23% | 2% | 2% | 1% |

| | | 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 | 21% | 34% | 27% | 15% | 3% | 1% |
| | Girls | 22% | 34% | 26% | 14% | 2% | 1% |
| | Boys | 20% | 34% | 28% | 15% | 3% | 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 | 13% | 38% | 34% | 12% | 2% | 1% |
| | Girls | 10% | 35% | 34% | 17% | 2% | 1% |
| | Boys | 16% | 41% | 33% | 8% | 1% | 1% |

| | | 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% | 29% | 30% | 18% | 8% | 1% |
| | Girls | 13% | 29% | 30% | 20% | 7% | 1% |
| | Boys | 16% | 29% | 30% | 15% | 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 | 33% | 36% | 20% | 8% | 2% | 1% |
| | Girls | 29% | 34% | 22% | 11% | 2% | 2% |
| | Boys | 38% | 37% | 19% | 4% | 2% | 0% |

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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 | 21% | 32% | 32% | 12% | 2% | 1% |
| | Girls | 21% | 29% | 30% | 16% | 3% | 1% |
| | Boys | 21% | 36% | 33% | 9% | 1% | 0% |