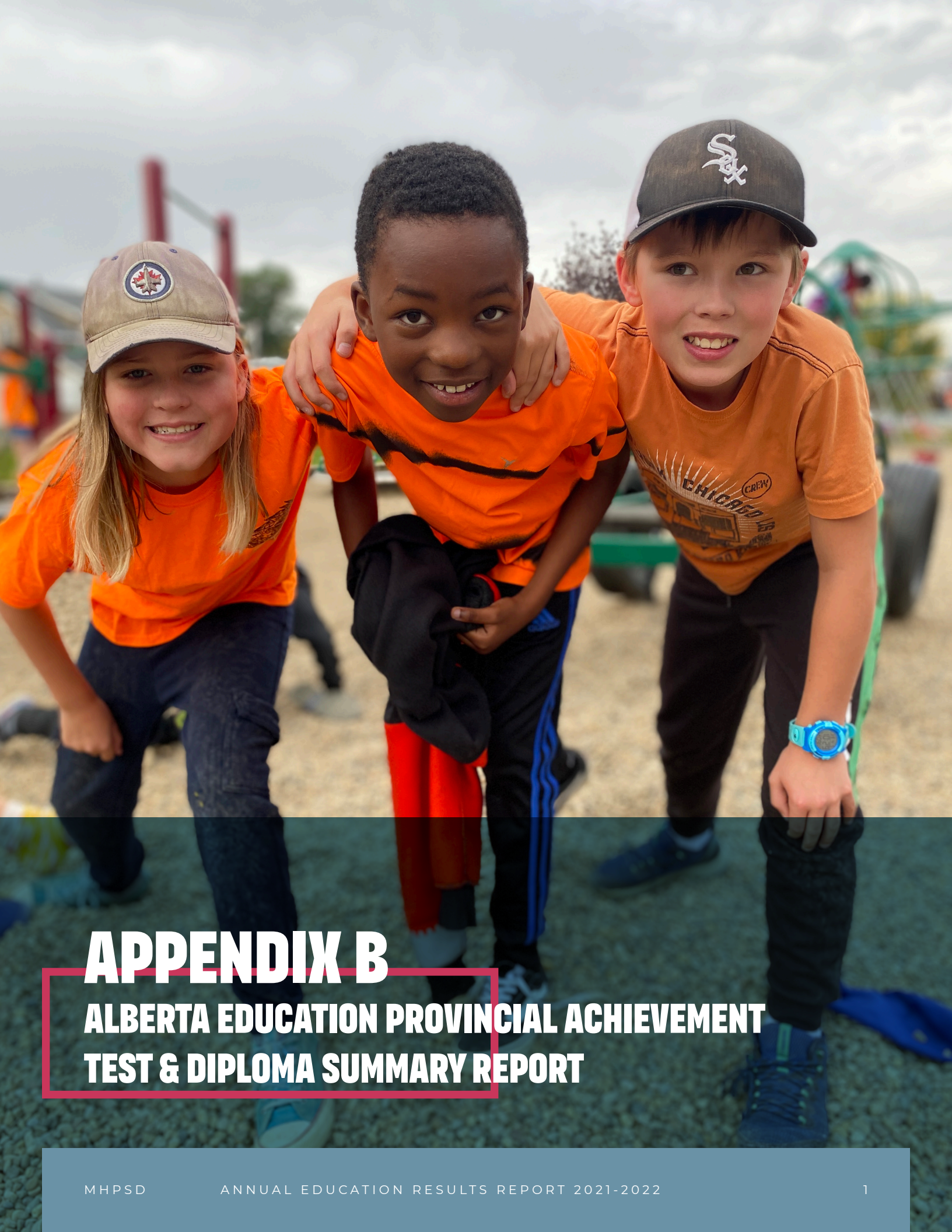




APPENDIX B

ALBERTA EDUCATION PROVINCIAL ACHIEVEMENT TEST & DIPLOMA SUMMARY REPORT

PROVINCIAL ACHIEVEMENT TESTS

2021 - 2022 marked the return of Provincial Achievement Tests across Alberta. Students last wrote these exams in 2019, so as a school division we have taken a slightly different approach in analyzing our data. For this year, we will supply the previous three year average (2017-2019) for the province, for the school division and for the individual schools. We will then analyze the 2022 results against that three year average to see how students fared post-pandemic.

It is important to note a couple of key items:

- Students did not experience uninterrupted learning throughout the year as many measures were still in place to limit the spread of covid.
- Change factor is calculated as the difference between the province's three year average (pre-pandemic) compared to the province's 2022 result. Similarly, the change factor for the school division is the three year average (pre-pandemic) compared to our 2022 result. This allows us to produce the comparison in the separate tables below. Results for individual schools will be posted on school websites in January of 2023.
- Grade 9 PAT results were not made available publicly by Alberta Education due to security breaches.

Key Analysis will be done at the school level for each of the exams. We modified our approach to analysis at the system level this year because of the many ways that the pandemic impacted both our province's data and our local data. Our key analysis can be found in the two tables at the end of this document. Our approach to analysis is as follows:

- We determined the three year averages for the province and the school division leading into the pandemic (2017-2019)
- We compared the school division result against the three year average in both acceptable and excellence.
- We did the same for the provincial data
- Next, we compared our school division result against the provincial result. The goal here was to determine to what extent, post pandemic, did we outperform or underperform the province against the respective three year averages.

The results of this comparison can be seen in the final tables of this document. They indicate that MHPSD students performed similar to the province across the grade 6 PATs.

PROVINCIAL ACHIEVEMENT TESTS - GRADE 6

Standard	Alberta		MHPSD		Change Factor	
	3 Year Average Pre COVID	2022 Result	3 Year Average Pre COVID	2022 Result	Province	Division
ENGLISH LANGUAGE ARTS 6						
Acceptable	83.1	76.1	87.1	75.4	-7.0	-11.7
Excellence	18.2	18.9	15.3	14.4	0.7	-0.9
MATHEMATICS 6						
Acceptable	70.6	63.0	71.7	68.8	-7.6	-2.9
Excellence	13.5	12.4	9.5	11.1	-1.1	1.6
SCIENCE GRADE 6						
Acceptable	77.5	71.4	76.7	73.1	-6.1	-3.6
Excellence	30.0	24.3	21.0	22.1	-5.7	1.1
SOCIAL STUDIES 6						
Acceptable	74.5	67.9	73.3	68.3	-6.6	-5.0
Excellence	23.7	20.8	15.5	20.1	-2.9	4.6
FRENCH LANGUAGE ARTS 6E						
Acceptable	86.0	76.9	81.8	86.0	-9.1	4.2
Excellence	13.8	10.6	8.3	7.0	-3.2	-1.3
MATHEMATIQUES 6E						
Acceptable	82.9	77.5	87.4	79.1	-5.4	-8.3
Excellence	17.9	15.2	15.3	16.3	-2.7	1.0
SCIENCES 6E						
Acceptable	81.8	73.3	78.2	60.5	-8.5	-17.7
Excellence	22.3	15.9	17.2	11.6	-6.4	-5.6
ETUDES SOCIALES 6E						
Acceptable	77.2	66.5	78.6	65.1	-10.7	-13.5
Excellence	15.5	12.5	12.8	4.7	-3.0	-8.1

PROVINCIAL ACHIEVEMENT TESTS - GRADE 6

ENGLISH LANGUAGE LEARNERS

Standard	MHPSD				Alberta			
	2022 Result		3 Year Avg - Pre COVID		2022 Result		3 Year Avg - Pre COVID	
	N	%	N	%	N	%	N	%
ENGLISH LANGUAGE ARTS 6								
Acceptable	23	69.6	23	56.5	9336	76.8	9,804	81.3
Excellence	23	4.3	23	13.0	9336	16.0	98.4	13.8
FRENCH LANGUAGE ARTS 6 ANNEE								
Acceptable	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excellence	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FRANCAIS 6 ANNEE								
Acceptable	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excellence	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MATHEMATICS 6								
Acceptable	23	60.9	23	34.8	9289	65.3	9792	72.7
Excellence	23	4.3	23	17.4	9289	13.1	9792	14.5
SCIENCE 6								
Acceptable	23	56.5	23	30.4	9369	72.0	9819	76.4
Excellence	23	8.7	23	13.0	9369	21.0	9819	23.5
SOCIAL STUDIES 6								
Acceptable	23	60.9	23	47.8	9379	68.4	9817	74.8
Excellence	23	13.0	23	17.4	9379	17.9	98147	20.5

PROVINCIAL ACHIEVEMENT TESTS - GRADE 6

FIRST NATIONS METIS & INUIT LEARNERS

Standard	MHPSD				Alberta			
	2022 Result		3 Year Avg - Pre COVID		2022 Result		3 Year Avg - Pre COVID	
	N	%	N	%	N	%	N	%
ENGLISH LANGUAGE ARTS 6								
Acceptable	29	41.4	31	83.9	4275	58.2	4109	71.6
Excellence	29	3.4	31	6.5	4275	7.4	4109	6.3
FRENCH LANGUAGE ARTS 6 ANNEE								
Acceptable	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excellence	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FRANCAIS 6 ANNEE								
Acceptable	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excellence	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MATHEMATICS 6								
Acceptable	29	48.3	31	71.0	4294	40.3	4101	50.5
Excellence	29	3.4	31	0.0	4294	3.7	4101	4.2
SCIENCE 6								
Acceptable	29	44.8	31	74.2	4391	51.2	4096	59.2
Excellence	29	10.3	31	16.1	4391	9.7	4096	11.9
SOCIAL STUDIES 6								
Acceptable	29	37.9	31	77.4	4396	46.8	4080	57.7
Excellence	29	20.7	31	6.5	4396	7.3	4080	8.9

MHPSD 2022 PROVINCIAL

ACHIEVEMENT TESTS SUMMARY

Grade 6 - ACCEPTABLE Above/below provincial average post COVID

% by which MHPSD Students performed better, against our 3 year average, than the Province	13.3	French Language Arts 6e
	4.7	Mathematics 6
	2.5	Science 6
	1.6	Social Studies 6
	0.0	Tied with the Province
% by which MHPSD Students performed worse, against our 3 year average, than the Province	-2.8	Etudes Sociales 6e
	-2.9	Mathematiques 6e
	-4.7	English Language Arts 6
	-9.2	Sciences 6e

Grade 6 - EXCELLENCE Above/below provincial average post COVID

% by which MHPSD Students performed better, against our 3 year average, than the Province	7.5	-
	6.8	Science 6
	3.7	Mathematiques 6e
	2.7	Mathematics 6
	1.9	French Language Arts 6e
	0.8	Sciences 6e
	0.0	Tied with the Province
% by which MHPSD Students performed worse, against our 3 year average, than the Province	-1.6	English Language Arts 6
	-5.1	Etudes Sociales 6e

DIPLOMA EXAMINATIONS

2021 - 2022 marked the return of Diploma Examinations across Alberta. Students last wrote these exams in 2019, so as a school division we have taken a slightly different approach in analyzing our data. For this year, we will supply the previous 3 year average (2017-2019) for the province, for the school division and for the individual schools. We will then analyze the 2022 results against that 3 year average to see how students fared post-pandemic.

It is important to note a couple of key items:

- Students in quartered and/or semestered programs did not write the November or January exam, so this may impact some of the results across the province.
- Students did not experience uninterrupted learning throughout the year as many measures were still in place to limit the spread of covid.
- Change factor is calculated as the difference between the province's three year average (pre-pandemic) compared to the province's 2022 result. Similarly, the change factor for the school division is the three year average (pre-pandemic) compared to our 2022 result. This allows us to produce the comparison in the separate tables below. Results for individual schools will be posted on school websites in January of 2023.

Key Analysis will be done at the school level for each of the exams. We modified our approach to analysis at the system level this year because of the many ways that the pandemic impacted both our province's data and our local data. Our key analysis can be found in the two tables at the end of this document. Our approach to analysis is as follows:

- We determined the three year averages for the province and the school division leading into the pandemic (2017-2019)
- We compared the school division result against the three year average in both acceptable and excellence.
- We did the same for the provincial data
- Next, we compared our school division result against the provincial result. The goal here was to determine to what extent, post pandemic, did we outperform or underperform the province against the respective three year averages.

The results of this comparison can be seen in the final two tables of this document. They indicate that MHPSD students performed better than the province against respective 3 year averages on every exam at the acceptable level and all but one exam at the excellence level.

DIPLOMA EXAMINATIONS

Standard	Alberta		MHPSD		Change Factor	
	3 Year Average Pre COVID	2022 Result	3 Year Average Pre COVID	2022 Result	Province	Division
ENGLISH LANGUAGE ARTS 30-1						
Acceptable	87.0	78.8	78.4	72.5	-8.2	-5.9
Excellence	12.5	9.4	5.8	5.7	-3.1	-0.1
ENGLISH LANGUAGE ARTS 30-2						
Acceptable	88.2	80.8	87.7	82.8	-7.4	-4.9
Excellence	12.2	12.3	8.1	11.9	0.1	3.8
MATHEMATICS 30-1						
Acceptable	76.1	63.6	66.6	69.8	-12.5	3.2
Excellence	33.5	23.0	19.7	21.7	-10.5	2.0
MATHEMATICS 30-2						
Acceptable	75.2	61.5	71.3	75.8	-13.7	4.5
Excellence	16.3	11.8	10.4	15.3	-4.5	4.9
BIOLOGY 30						
Acceptable	84.9	74.3	78.0	74.6	-10.6	-3.4
Excellence	34.8	25.2	21.5	23.7	-9.6	2.2
CHEMISTRY 30						
Acceptable	84.1	77.1	74.2	79.7	-7.0	5.5
Excellence	39.8	31.1	22.8	30.5	-8.7	7.7
PHYSICS 30						
Acceptable	86.4	78.5	81.0	88.6	-7.9	7.6
Excellence	42.8	34.6	22.9	34.3	-8.2	11.4
SCIENCE 30						
Acceptable	85.3	75.7	84.8	75.6	-9.6	-9.2
Excellence	30.2	17.2	21.8	17.4	-13.0	-4.4
SOCIAL STUDIES 30-1						
Acceptable	86.2	81.5	77.4	81.6	-4.7	4.2
Excellence	16.5	15.8	7.7	10.5	-0.7	2.8
SOCIAL STUDIES 30-2						
Acceptable	79.0	72.5	76.9	79.5	-6.5	2.6
Excellence	12.2	13.2	6.8	12.1	1.0	5.3

DIPLOMA EXAMINATIONS

ENGLISH LANGUAGE LEARNERS

Standard	MHPSD				Alberta			
	2022 Result		3 Year Avg - Pre COVID		2022 Result		3 Year Avg - Pre COVID	
	N	%	N	%	N	%	N	%
ENGLISH LANGUAGE ARTS 30-1								
Acceptable	7	42.9	8	75.0	1398	55.5	2294	68.1
Excellence	7	0.0	8	0.0	1398	2.6	2294	3.3
ENGLISH LANGUAGE ARTS 30-2								
Acceptable	15	53.3	11	36.4	1368	63.9	2420	4.8
Excellence	15	6.7	11	0.0	1368	3.7	2420	4.8
SOCIAL STUDIES 30-2								
Acceptable	12	16.7	11	72.7	1630	55.6	2901	65.7
Excellence	12	0.0	11	18.2	1630	7.1	2901	7.5

FIRST NATIONS METIS & INUIT LEARNERS

Standard	MHPSD				Alberta			
	2022 Result		3 Year Avg - Pre COVID		2022 Result		3 Year Avg - Pre COVID	
	N	%	N	%	N	%	N	%
ENGLISH LANGUAGE ARTS 30-1								
Acceptable	9	22.2	10	100.0	722	73.5	1164	84.4
Excellence	9	0.0	10	10.0	722	4.4	1164	5.4
ENGLISH LANGUAGE ARTS 30-2								
Acceptable	7	85.7	11	81.8	923	82.21	1548	88.4
Excellence	7	0.0	11	0.0	923	9.2	1548	9.7
SOCIAL STUDIES 30-1								
Acceptable	7	57.1	9	88.9	564	72.5	864	77.3
Excellence	7	0.0	9	11.1	564	7.4	864	7.6
SOCIAL STUDIES 30-2								
Acceptable	14	85.7	11	81.8	929	66.0	1647	70.1
Excellence	14	14.3	11	0.0	929	5.4	1647	5.8

DIPLOMA EXAMS CONT'D

Standard	Alberta		MHPSD		Change Factor	
	3 Year Average Pre COVID	2022 Result	3 Year Average Pre COVID	2022 Result	Province	Division
FRENCH LANGUAGE ARTS 30-1						
Acceptable	93.3	91.9	79.9	91.7	-1.4	11.8
Excellence	10.2	6.8	9.5	0.0	-3.4	-9.5
ETUDES SOCIALES 30						
Acceptable	98.8	NA	87.7	NA		
Excellence	28.1	NA	33.3	NA		

MHPSD 2022 DIPLOMA EXAMINATION SUMMARY

ACCEPTABLE Above/below provincial average post COVID			EXCELLENCE Above/below provincial average post COVID		
% by which MHPSD Students performed better, against our 3 year average, than the Province	18.2	Mathematics 30-2	% by which MHPSD Students performed better, against our 3 year average, than the Province	19.6	Physics 30
	15.7	Mathematics 30-1		16.4	Chemistry 30
	15.5	Physics 30		12.5	Mathematics 30-1
	13.2	French Language Arts 30		11.8	Biology 30
	12.5	Chemistry 30		9.4	Mathematics 30-2
	9.1	Social Studies 30-2		8.6	Sciences 30
	8.9	Social Studies 30-1		4.3	Social Studies 30-2
	7.2	Biology 30		3.7	English Language Arts 30-2
	2.5	English Language Arts 30-2		3.5	Social Studies 30-1
	2.3	English Language Arts 30-1		3.0	English Language Arts 30-1
	0.4	Science 30		0.0	Tied with the Province
% by which MHPSD Students performed worse, against our 3 year average, than the Province	0		% by which MHPSD Students performed worse, against our 3 year average, than the Province	-6.1	French Language Arts 30