

# HOLY SPIRIT HIGH AND MOUNT PEARL SENIOR HIGH SCHOOL SYSTEMS REVIEW



## BACKGROUND

The Board of Trustees has directed the staff of the Newfoundland and Labrador English School District (NLESD) to investigate options for the reconfiguration of the Holy Spirit High and Mount Pearl Senior High school systems to accommodate the opening of a new intermediate school in Paradise in the 2020-21 school year.

## CURRENT CONFIGURATION

The Holy Spirit High school system consists of Holy Family Elementary (K-6) and Octagon Pond Elementary (K-6) in Paradise, and Topsail Elementary (K-4), Villanova Junior High (5-8), and Holy Spirit High (9-12) in Conception Bay South.

The Mount Pearl Senior High school system consists of Elizabeth Park Elementary (K-6) and Paradise Elementary (K-6) in Paradise and Morris Academy (K-5), Mount Pearl Intermediate (6-8), and Mount Pearl Senior High (9-12) in Mount Pearl.

### HOLY FAMILY ELEMENTARY

- Holy Family Elementary is a grade K-6 school with 30 classrooms (including two modular classrooms).
- Building was constructed in 1986, with significant extension circa 2008.

### OCTAGON POND ELEMENTARY

- Octagon Pond Elementary is a grade K-6 school with 29 classrooms.
- Building was constructed in 2016.

### TOPSAIL ELEMENTARY

- Topsail Elementary is a grade K-4 school with 23 classrooms.
- Building was constructed in 1951 with an extension in 1999.

### VILLANOVA JUNIOR HIGH

- Villanova Junior High is a grade 5-8 school with 28 classrooms (including five modular classrooms).
- Building was constructed in 2002.

### HOLY SPIRIT HIGH

- Holy Spirit High is a grade 9-12 school with 36 classrooms.
- Building was constructed in 1990, with extensions in 2003 and 2013.

**ELIZABETH PARK ELEMENTARY**

- Elizabeth Park Elementary is a grade K-6 school with 29 classrooms.
- Building was constructed in 2010, with an extension in 2015.

**MORRIS ACADEMY**

- Morris Academy is a grade K-5 school with 15 classrooms.
- Building was constructed in 1963.

**PARADISE ELEMENTARY**

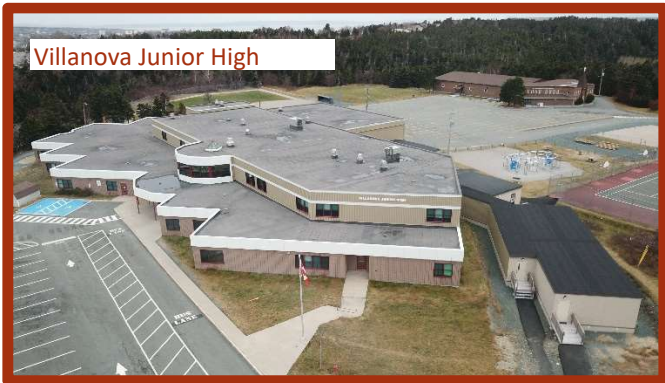
- Paradise Elementary is a grade K-6 school with 31 classrooms (including four modular classrooms).
- Building was constructed in 2009.

**MOUNT PEARL INTERMEDIATE**

- Mount Pearl Intermediate is a grade 6-8 school with 26 classrooms.
- Building was constructed in 1986.

**MOUNT PEARL SENIOR HIGH**

- Mount Pearl Senior High is a grade 9-12 school with 39 classrooms.
- Building was constructed in 1976, with an extension in 1999.





## ENROLMENT PROJECTIONS AND ROOM REQUIREMENTS

Enrolment projections were conducted by NLESD using Baragar Systems, a custom planning software suite for use by school districts across Canada.

Room requirements are calculated on the basis of maximum class caps. For example, the class cap in primary grades is 25 students, so if there were 50 students projected in grade 2, this means the room requirement would be listed as 2 rooms of 25 students per class. However, if there were 51 students projected for the next year in grade 3, the room requirement would be listed as 3 rooms of 17 students per class. Combined classes of up to 18 students for grades 1 to 6 are assumed and included in room requirement calculations. Schools with less than 25 students may use multi-grading, in which the cap on number of students depends on the grade configuration. Senior high classes have no official cap; these room requirement calculations assume a cap of 30.

## NEW PARADISE SCHOOL

In 2014, the Newfoundland and Labrador English School District requested a new intermediate and a new high school for Paradise. In Budget 2017, the Government of Newfoundland and Labrador announced \$2 million for the planning and design of a new intermediate school in Paradise. The new school is expected to open in September 2021. This school will be built just off McNamara Drive in Paradise. A request for tender was issued in winter 2019 for the design and build of the school. The new school is planned to include 33 classrooms.



## THOUGHTEXCHANGE RESULTS

“What are the most important things to consider as we develop options for the configuration of the Holy Spirit and Mount Pearl school systems?”

## ThoughtExchange Online Participation – HSH/MPSH



1,048

People  
PARTICIPATED



1,039

Thoughts  
CONTRIBUTED



33,998

Stars  
ASSIGNED



The first round of consultation using ThoughtExchange completed on December 5, 2018. Some of the common themes of responses were as follows:

- Keeping students in their community
- Class/classroom sizes
- Travel distance to school (proximity)
- Current grade configurations/keeping friends together
- Least amount of disruption for students

Another common theme was the desire for a high school in Paradise as well as an intermediate school. However, this is outside the scope of the current consultation. The District requested a high school from the provincial government in 2014; this decision has been deferred indefinitely in Budget 2016.



PLANNED CONFIGURATION

Holy Spirit High (9-12)



Villanova Junior High (5-8)

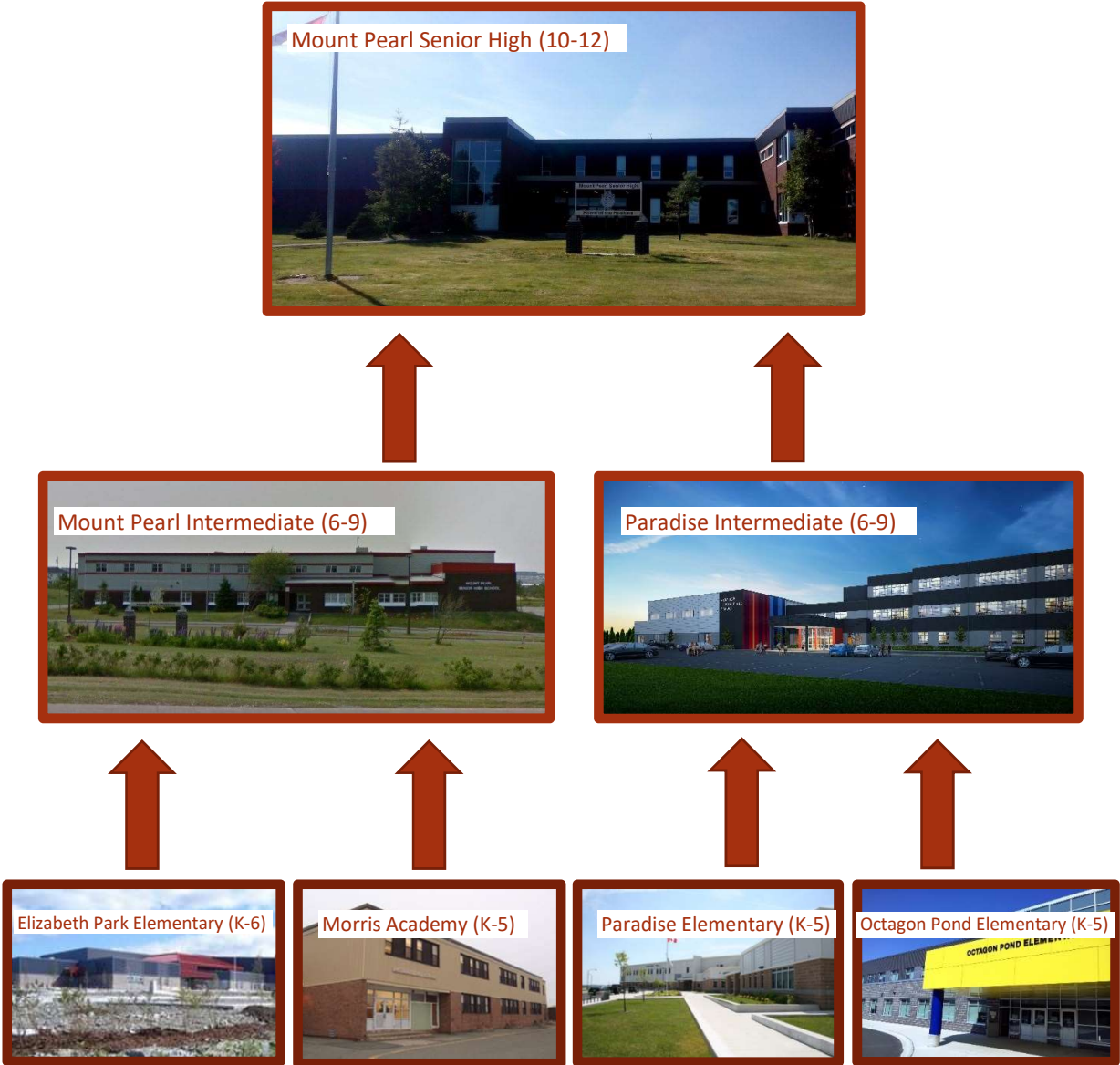


Holy Family Elementary (K-6)



Topsail Elementary (K-4)





## ENROLMENT PROJECTIONS AND ROOM REQUIREMENTS

### HOLY FAMILY ELEMENTARY

Assuming the planned K-6 configuration, the enrolment projections for Holy Family Elementary are shown in Figure 1 below.

	K	1	2	3	4	5	6	Total	Rooms
2018	82	74	69	71	86	74	61	517	25
2019	92	80	76	70	71	80	72	541	27
2020	79	90	83	77	71	67	79	546	26
2021	94	77	92	84	77	67	67	558	27
2022	75	92	79	94	84	73	67	564	28
2023	85	74	94	81	94	80	73	581	28
2024	85	83	76	96	81	90	79	590	27
2025	85	83	85	77	96	77	88	591	27
2026	85	83	85	87	77	91	76	584	27
2027	85	83	85	87	87	74	90	591	28
2028	85	83	85	87	87	82	72	581	27

Figure 1: Holy Family Elementary enrolment projections

The projection model shows enrolment increasing to a high of 591 in 2025 and 2027. The school is projected to require a maximum of 28 classrooms in 2022, 2023, and 2027.

## OCTAGON POND ELEMENTARY

Assuming the planned K-5 configuration, the enrolment projections for Octagon Pond Elementary are shown in Figure 2 below.

	K	1	2	3	4	5	6	Total	Rooms
2018	71	78	92	85	92	54	68	540	27
2019	75	70	81	98	84	85	56	549	27
2020	79	74	73	86	95	78	88	573	27
2021	91	78	77	78	84	87		495	23
2022	77	90	82	82	76	77		484	24
2023	83	76	92	87	80	69		487	23
2024	83	82	79	99	83	73		499	24
2025	83	82	84	84	95	76		504	24
2026	83	82	84	91	81	87		508	25
2027	83	82	84	91	87	75		502	24
2028	83	82	84	91	87	79		506	24

Figure 2: Octagon Pond Elementary enrolment projections

The projection model shows a maximum enrolment of 508 in 2026. The school is projected to require a maximum of 25 classrooms in 2026.

## TOPSAIL ELEMENTARY

Assuming the planned K-4 configuration, the enrolment projections for Topsail Elementary are shown in Figure 3(a) below.

	K	1	2	3	4	Total	Rooms
2018	96	82	104	107	110	499	24
2019	100	99	85	106	109	499	24
2020	100	103	100	87	108	498	23
2021	87	103	104	101	89	484	23
2022	95	89	104	106	103	497	25
2023	92	98	91	106	107	494	25
2024	92	95	98	92	107	484	24
2025	91	95	97	100	94	477	24
2026	91	94	97	97	102	481	24
2027	91	94	95	97	99	476	24
2028	89	93	95	96	99	472	23

Figure 3(a): Topsail Elementary enrolment projections

The projection model shows a maximum enrolment of 499 in 2019. The school is projected to require a maximum of 25 classrooms in 2022 and 2023.

## CONTINGENCY PLANNING

In order to accommodate capacity issues at Villanova Junior High in 2020, a single class of Early French Immersion could remain at Topsail Elementary for grade 5 in 2020. This accommodation could be extended to 2021 if necessary. Enrolment projections for this contingency are shown in Figure 3(b) below.

	K	1	2	3	4	5	Total	Rooms
2018	96	82	104	107	110		499	24
2019	100	99	85	106	109		499	24
2020	100	103	100	87	108	21	519	24
2021	87	103	104	101	89	24	508	24
2022	95	89	104	106	103		497	25
2023	92	98	91	106	107		494	25
2024	92	95	98	92	107		484	24
2025	91	95	97	100	94		477	24
2026	91	94	97	97	102		481	24
2027	91	94	95	97	99		476	24
2028	89	93	95	96	99		472	23

Figure 3(b): Topsail Elementary enrolment projections for contingency plan to alleviate enrolment pressures at Villanova Junior High

The projection model for this contingency plan shows a maximum enrolment of 519 in 2020. The school is projected to require 24 classrooms in 2020 and 2021.

As the projection model shows capacity issues at Topsail Elementary in 2022 and 2023, it would be possible to move a single class of Early French Immersion to Villanova Junior High for grade 4 in those two years. The projections are shown in Figure 3(c) below.

	K	1	2	3	4	5	Total	Rooms
2018	96	82	104	107	110		499	24
2019	100	99	85	106	109		499	24
2020	100	103	100	87	108	21	519	24
2021	87	103	104	101	89	24	508	24
2022	95	89	104	106	89		477	24
2023	92	98	91	106	83		474	24
2024	92	95	98	92	107		484	24
2025	91	95	97	100	94		477	24
2026	91	94	97	97	102		481	24
2027	91	94	95	97	99		476	24
2028	89	93	95	96	99		472	23

Figure 3(c): Topsail Elementary contingency plan enrolment projections for contingency plan to alleviate enrolment pressures at Topsail Elementary

The projection model for this contingency plan shows a maximum enrolment of 477 in 2022, with a maximum room requirement of 24.

## VILLANOVA JUNIOR HIGH

Assuming the planned 5-8 configuration with the removal of Octagon Pond Elementary as a feeder beginning in 2021, the enrolment projections for Villanova Junior High are shown in Figure 4(a) below.

	5	6	7	8	Total	Rooms
2018	100	99	229	232	660	26
2019	116	99	244	235	694	26
2020	116	114	243	249	722	29
2021	116	114	214	248	692	27
2022	96	114	199	217	626	25
2023	111	95	170	202	578	24
2024	115	109	191	173	588	24
2025	115	114	204	194	627	24
2026	102	114	216	205	637	26
2027	108	101	199	220	628	24
2028	106	107	212	202	627	25

Figure 4(a): Villanova Junior High enrolment projections

The projection model shows a maximum enrolment of 722 in 2020. The school is projected to require 29 classrooms in 2020.



## CONTINGENCY PLANNING

In order to accommodate enrolment pressures at Villanova Junior High in 2020, a single class of Early French Immersion could remain at Topsail Elementary for grade 5 in 2020. This accommodation could be extended to 2021 if necessary. This contingency plan is shown in Figure 4(b) below.

	5	6	7	8	Total	Rooms
2018	100	99	229	232	660	26
2019	116	99	244	235	694	26
2020	95	114	243	249	701	28
2021	92	114	214	248	668	26
2022	96	114	199	217	626	25
2023	111	95	170	202	578	24
2024	115	109	191	173	588	24
2025	115	114	204	194	627	24
2026	102	114	216	205	637	26
2027	108	101	199	220	628	24
2028	106	107	212	202	627	25

Figure 4(b): Villanova Junior High enrolment projections for contingency plan to alleviate enrolment pressures at Villanova Junior High

The projection model for this contingency plan shows a maximum enrolment of 701 in 2020. The school is projected to require a maximum of 28 classrooms in 2020.

As the projection model shows capacity issues at Topsail Elementary in 2022 and 2023, it would be possible to move a single class of Early French Immersion to Villanova Junior High for grade 4 in those two years. The projections for this contingency are shown in Figure 4(c) below.

	4	5	6	7	8	Total	Rooms
2018		100	99	229	232	660	26
2019		116	99	244	235	694	26
2020		95	114	243	249	701	28
2021		92	114	214	248	668	26
2022	20	96	114	199	217	646	26
2023	20	111	95	170	202	598	25
2024		115	109	191	173	588	24
2025		115	114	204	194	627	24
2026		102	114	216	205	637	26
2027		108	101	199	220	628	24
2028		106	107	212	202	627	25

Figure 4(c): Villanova Junior High enrolment projections for contingency plan to alleviate enrolment pressures at Topsail Elementary

The projection model shows a maximum enrolment for this contingency plan of 668 in 2021. The school is projected to require a maximum of 26 classrooms in 2022.

### HOLY SPIRIT HIGH

Assuming its current 9-12 configuration with the removal of Octagon Pond Elementary as a feeder starting in 2023, the enrolment projections for Holy Spirit High are shown in Figure 5 below.

	9	LI	LII	LIII	LIV	Total	Rooms
2018	201	216	239	225	6	887	32
2019	235	211	217	238	6	907	32
2020	237	250	212	217	6	922	32
2021	251	252	251	213	6	973	34
2022	250	267	254	251	6	1028	35
2023	213	264	268	252	6	1003	36
2024	198	232	266	267	6	969	34
2025	169	215	230	266	6	886	31
2026	191	186	214	225	6	822	29
2027	204	207	184	211	6	812	28
2028	218	219	205	181	6	829	29

Figure 5: Holy Spirit High enrolment projections

The projection model shows a maximum enrolment after reconfiguration of 1028 in 2022. The school is projected to require a maximum of 36 classrooms in 2023.

## ELIZABETH PARK ELEMENTARY

Assuming the planned K-6 configuration, the enrolment projections for Elizabeth Park Elementary are shown in Figure 6 below.

	K	1	2	3	4	5	6	Total	Rooms
2018	94	66	82	78	105	88	82	595	29
2019	93	98	63	81	77	106	88	606	27
2020	91	97	95	62	79	77	106	607	28
2021	87	95	94	92	61	80	77	586	26
2022	73	91	92	91	90	61	80	578	27
2023	85	76	89	89	89	90	61	579	28
2024	84	89	73	86	87	89	90	598	29
2025	83	87	86	72	84	87	89	588	29
2026	83	87	85	83	70	83	87	578	28
2027	83	86	84	82	82	68	83	568	27
2028	80	86	84	82	80	81	68	561	27

Figure 6: Elizabeth Park Elementary enrolment projections

The projection model shows enrolment increasing to a high of 607 in 2020 before decreasing to a low of 561 in 2028. The school is projected to require a maximum of 29 classrooms in 2024 and 2025.

## MORRIS ACADEMY

Assuming the planned K-5 configuration, the enrolment projections for Morris Academy are shown in Figure 7 below.

	K	1	2	3	4	5	Total	Rooms
2018	44	43	47	46	41	49	270	13
2019	32	50	44	53	44	42	265	13
2020	40	37	51	51	51	45	275	13
2021	45	46	38	57	47	53	286	14
2022	43	52	48	45	55	50	293	14
2023	47	49	53	54	43	57	303	14
2024	49	53	50	60	51	44	307	15
2025	50	55	54	57	56	53	325	15
2026	53	57	56	61	53	58	338	16
2027	54	59	57	63	57	55	345	15
2028	55	61	60	64	59	59	358	17

Figure 7: Morris Academy enrolment projections

The projection model shows a maximum enrolment of 358 in 2028. The school is projected to require a maximum of 17 classrooms in 2028.

Projections for Morris Academy include estimates of the Galway subdivision. As the full impact of Galway are not yet known, there is no immediate change to Morris Academy included in the planned configuration. If Morris Academy experiences enrolment pressures in the future, it can be reconfigured to a K-4, with grade 5 moving to Mount Pearl Intermediate.

## PARADISE ELEMENTARY

Assuming the planned K-5 configuration, the enrolment projections for Paradise Elementary are shown in Figure 8 below.

	K	1	2	3	4	5	6	Total	Rooms
2018	90	82	87	107	105	89	125	685	31
2019	87	95	83	86	110	107	86	654	31
2020	98	92	95	81	88	112	104	670	31
2021	81	103	92	93	84	91		544	27
2022	88	85	103	90	96	86		548	27
2023	87	93	86	102	92	98		558	29
2024	88	92	93	85	105	96		559	28
2025	88	93	92	92	87	108		560	28
2026	88	93	93	91	94	90		549	26
2027	89	93	93	92	93	97		557	27
2028	86	94	93	92	94	96		555	26

Figure 8: Paradise Elementary enrolment projections

The projection model shows a maximum enrolment of 560 in 2025. The school is projected to require a maximum of 29 classrooms in 2023.

## MOUNT PEARL INTERMEDIATE

Assuming the planned 6-9 configuration, the enrolment projections for Mount Pearl Intermediate are shown in Figure 9 below.

	6	7	8	9	Total	Rooms
2018	49	206	220		475	20
2019	49	238	202		489	20
2020	42	212	233		487	21
2021	46	249	208	241	640	25
2022	53	219	244	218	521	21
2023	48	204	214	153	422	18
2024	55	177	201	122	384	16
2025	42	225	174	130	392	18
2026	50	209	222	108	400	19
2027	54	227	206	149	437	21
2028	52	204	223	138	423	20

Figure 9: Mount Pearl Intermediate enrolment projections

The projection model shows a maximum enrolment of 640 in 2021. The school is projected to require a maximum of 25 rooms in 2021.

## MOUNT PEARL SENIOR HIGH

Assuming the planned 10-12 configuration, the enrolment projections for Mount Pearl Senior High are shown in Figure 10 below.

	9	LI	LII	LIII	LIV	Total	Rooms
2018	244	229	225	272	3	973	34
2019	225	258	226	230	3	942	33
2020	208	237	254	236	3	938	33
2021		222	234	263	3	722	25
2022		258	220	243	3	724	25
2023		233	254	229	3	719	24
2024		368	230	264	3	865	29
2025		333	368	239	3	943	32
2026		329	333	379	3	1044	35
2027		292	329	342	3	966	33
2028		337	292	337	3	969	33

Figure 10: Mount Pearl Senior High enrolment projections

The projection model shows a maximum enrolment of 1044 in 2026. The school is projected to require a maximum of 35 rooms in 2026.



## PARADISE INTERMEDIATE

Assuming the planned 6-9 configuration, the enrolment projections for Paradise Intermediate are shown in Figure 11 below.

	6	7	8	9	Total	Rooms
2018						
2019						
2020						
2021	190	194			384	16
2022	178	192	196		566	23
2023	162	180	194	199	735	31
2024	167	164	182	197	710	29
2025	167	169	166	185	687	28
2026	184	170	172	169	695	27
2027	177	186	171	173	707	26
2028	170	180	188	173	711	28

Figure 11: Paradise Intermediate enrolment projections

The projection model shows a maximum enrolment of 735 in 2023. The school is projected to require a maximum of 31 rooms in 2023.