

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

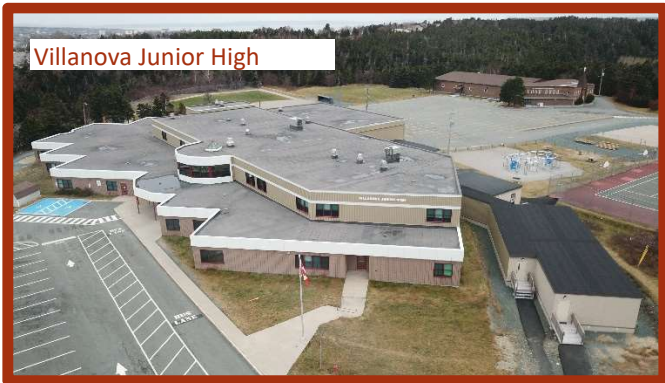
- Paradise Elementary is a grade K-6 school with 31 classrooms (including four modular classrooms).
- Building was constructed in 2009.

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. Senior high classes have no official cap; these room requirement calculations assume a cap of 30. Schools with less than 25 students may use multi-grading, in which the cap on number of students depends on the grade configuration.

HOLY FAMILY ELEMENTARY

Assuming its current 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	94	79	71	72	67	88	78	549	26
2020	75	90	76	73	67	68	92	541	27
2021	89	73	87	79	69	70	70	537	26
2022	82	86	69	90	73	71	73	544	27
2023	82	80	82	72	84	76	74	550	27
2024	82	80	76	85	68	86	80	557	27
2025	82	80	76	78	79	70	90	555	26
2026	82	80	76	78	74	82	73	545	26
2027	82	80	76	78	74	76	85	551	26
2028	82	80	76	78	74	76	79	545	26

Figure 1: Holy Family Elementary enrolment projections

The projection model shows enrolment increasing to a high of 557 in 2024. The school will require a maximum of 27 classrooms in 2028 and 2022-2024.

OCTAGON POND ELEMENTARY

Assuming its current K-6 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	74	75	83	86	90	94	56	558	27
2020	81	79	79	78	92	92	97	598	28
2021	96	85	83	74	84	93	96	611	28
2022	90	100	89	78	80	85	97	619	30
2023	90	95	107	84	83	81	88	628	29
2024	89	95	100	100	90	84	84	642	30
2025	89	94	100	94	107	91	88	663	30
2026	89	94	99	94	100	108	95	679	30
2027	89	94	99	93	100	101	113	689	31
2028	89	94	99	93	99	101	106	681	30

Figure 2: Octagon Pond Elementary enrolment projections

The projection model shows enrolment increasing to a high of 689 in 2027. The school is projected to require more than the available 29 classrooms by 2022, to a maximum of 31 classrooms in 2027.

TOPSAIL ELEMENTARY

Assuming its current K-4 configuration, the enrolment projections for Topsail Elementary are shown in Figure 3 below.

	K	1	2	3	4	Total	Rooms
2018	96	82	104	107	112	501	24
2019	83	99	85	105	108	480	23
2020	80	86	101	85	105	457	22
2021	74	83	88	101	86	432	21
2022	77	77	84	88	102	428	22
2023	78	80	78	84	89	409	20
2024	77	81	81	79	85	403	20
2025	76	80	81	81	79	397	20
2026	76	79	81	83	82	401	20
2027	75	79	80	82	83	399	19
2028	75	78	80	81	82	396	19

Figure 3: Topsail Elementary enrolment projections

The projection model shows enrolment decreasing to a low of 396 in 2028. The school will require a maximum of 23 classrooms in 2019 and a minimum of 19 in 2027 and 2028.

VILLANOVA JUNIOR HIGH

Assuming its current 5-8 configuration, the enrolment projections for Villanova Junior High are shown in Figure 4 below.

	5	6	7	8	Total	Rooms
2018	100	99	229	232	660	26
2019	120	98	231	236	685	25
2020	115	117	238	238	708	28
2021	112	114	309	246	781	32
2022	93	111	286	318	808	32
2023	109	92	279	294	774	31
2024	96	108	246	288	738	26
2025	91	95	270	255	711	27
2026	85	90	273	278	726	27
2027	88	85	257	282	712	26
2028	90	88	282	265	725	27

Figure 4: Villanova Junior High enrolment projections

The projection model shows enrolment increasing to a high of 808 in 2022. The school is projected to require more than the available 28 classrooms by 2021, to a maximum of 32 classrooms in 2021 and 2022.

HOLY SPIRIT HIGH

Assuming its current 9-12 configuration, the enrolment projections for Holy Spirit High are shown in Figure 5 below.

	9	LI	LII	LIII	LIV	Total	Est. Rooms
2018	201	216	239	225	6	887	32
2019	233	209	221	235	13	911	32
2020	236	241	212	217	13	919	31
2021	239	245	247	209	13	953	33
2022	247	248	249	242	13	999	36
2023	321	260	255	246	13	1095	38
2024	296	335	267	251	13	1162	40
2025	290	309	343	262	13	1217	41
2026	257	303	318	337	13	1228	42
2027	281	270	312	313	13	1189	41
2028	284	293	278	307	13	1175	40

Figure 5: Holy Spirit High enrolment projections

The projection model shows enrolment increasing to a high of 1228 in 2026. The school is projected to require more than the available 36 classrooms by 2023, to a maximum of 42 classrooms rooms in 2026.

ELIZABETH PARK ELEMENTARY

Assuming its current 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	63	99	61	84	75	102	85	569	26
2020	83	67	94	63	81	72	98	558	26
2021	87	88	62	96	61	79	71	544	26
2022	86	91	83	65	93	59	78	555	26
2023	85	90	86	85	62	91	57	556	27
2024	84	89	85	89	82	59	89	577	28
2025	83	88	84	88	86	80	58	567	26
2026	82	87	83	87	85	83	78	585	26
2027	82	86	82	86	85	82	81	584	26
2028	81	86	81	85	84	82	80	579	26

Figure 6: Elizabeth Park Elementary enrolment projections

The projection model shows enrolment decreasing to a low of 544 in 2021. The school will require a maximum of 28 classrooms in 2024.

MORRIS ACADEMY

Assuming its current 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	23	49	43	47	50	42	254	12
2020	47	27	49	42	50	51	266	13
2021	49	53	28	48	46	53	277	13
2022	49	54	54	29	52	48	286	14
2023	51	54	55	53	33	54	300	14
2024	52	57	54	55	57	35	310	15
2025	55	58	57	54	58	58	340	16
2026	57	61	58	57	57	60	350	16
2027	59	62	61	57	60	59	358	16
2028	61	65	63	60	60	61	370	18

Figure 7: Morris Academy enrolment projections

The projection model shows enrolment increasing to a high of 370 in 2028. The school is projected to require more than the available 15 classrooms by 2025, to a maximum of 18 classrooms in 2028.

PARADISE ELEMENTARY

Assuming its current K-6 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	74	94	88	78	109	110	91	644	29
2020	86	77	100	81	80	114	112	650	29
2021	70	90	83	91	82	85	116	617	28
2022	78	73	95	75	93	87	87	588	27
2023	77	81	78	87	76	98	88	585	27
2024	76	80	86	71	89	81	99	582	27
2025	76	79	85	79	73	94	83	569	27
2026	75	79	84	78	82	77	96	571	27
2027	75	78	84	77	81	86	78	559	28
2028	74	78	83	77	80	85	87	564	28

Figure 8: Paradise Elementary enrolment projections

The projection model shows enrolment decreasing to a low of 559 in 2027. The school will require a maximum of 29 classrooms in 2019 and 2020 and a minimum of 27 classrooms from 2022-2026.

MOUNT PEARL INTERMEDIATE

Assuming its current 6-8 configuration, the enrolment projections for Mount Pearl Intermediate are shown in Figure 9 below.

	6	7	8	Total	Rooms
2018	57	206	220	483	21
2019	50	263	209	522	21
2020	44	213	264	521	20
2021	53	253	219	525	20
2022	55	235	256	546	21
2023	49	219	238	506	20
2024	56	189	222	467	19
2025	37	241	194	472	19
2026	60	173	245	478	20
2027	61	229	177	467	20
2028	61	216	234	511	21

Figure 9: Mount Pearl Intermediate enrolment projections

The projection model shows enrolment increasing to a high of 546 in 2022. The school will require a maximum of 21 rooms in 2019, 2022, and 2028.

MOUNT PEARL SENIOR HIGH

Assuming its current 9-12 configuration, the enrolment projections for Mount Pearl Senior High are shown in Figure 10 below.

	9	LI	LII	LIII	LIV	Total	Est. Rooms
2018	244	229	225	272	3	973	34
2019	215	252	229	226	8	930	33
2020	205	222	253	234	8	922	32
2021	258	213	224	257	8	960	34
2022	215	268	212	227	8	930	33
2023	251	222	268	216	8	965	34
2024	233	260	223	272	8	996	35
2025	219	240	259	227	8	953	33
2026	190	225	240	263	8	926	33
2027	241	197	226	243	8	915	33
2028	173	250	197	230	8	858	30

Figure 10: Mount Pearl Senior High enrolment projections

The projection model shows enrolment decreasing to a low of 858 in 2028. The school will require a maximum of 35 rooms in 2024 and a minimum of 30 rooms in 2028.

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 winter 2021. This school will be built just off McNamara Drive in Paradise. A design-build tender is scheduled to be issued in fall 2018. The new school is planned to include 33 classrooms.