

NACKAWIC MIDDLE SCHOOL

SUSTAINABILITY STUDY

Public Meeting #2

December 15th, 2015

ENROLLMENT



Nackawic Middle School

50 Landegger Drive, Nackawic NB E6G 1E9
Phone: (506) 575-6010 Fax: (506) 575-6029

Grades 6-8

Built: 1971

Functional Capacity Data

Based on 28 students per class

*As of October, 2015

Student Enrollment	Number of Classrooms	Classrooms in Use	School Capacity	Capacity Rating
148	17	9	476	31%

ENROLLMENT: FRENCH IMMERSION

NMS offers English Prime, Late Immersion, and Early immersion programs.

Program	Acceptable Class Size
English Prime	Up to 29 students
Early Immersion	14/15 students
Late Immersion	14/15 student

Early Immersion and Late Immersion classes cannot be combined together.

Functional capacity must accurately account for these programs and their variable class size.

STUDENT ENROLLMENT

Why is Nackawic Middle School a “triggered” school in the Sustainability Study?
Nackawic Middle School has seen an increase in student enrollment over the last few years.

Several other schools in Anglophone West School District have fewer students enrolled, yet are not subject to Sustainability Studies.

Bristol Elementary	122
Burton Elementary	59
Chipman Elementary	104
Doaktown Elementary	73
Donald Fraser Memorial	127
Forest Hill	118
Gagetown	93
Kingsclear Consolidated	101
McAdam Avenue	83
McAdam Elementary	64
McAdam High	101
Millville Elementary	40
Nashwaak Valley	124
Upper Miramichi Elementary	99

PARENT FEEDBACK

PARENT FEEDBACK

Sustainability Study
Nackawic Area Schools

MAINTAIN STATUS QUO

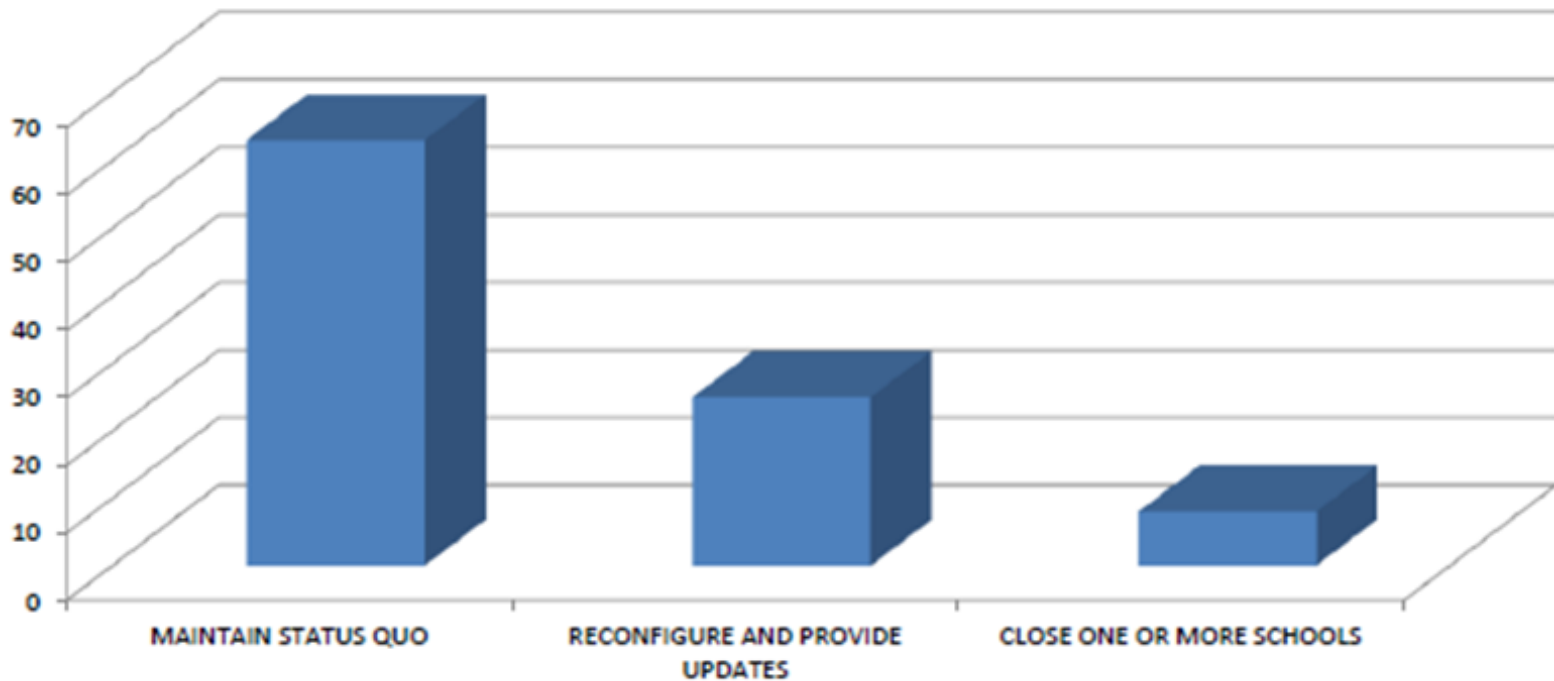
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RECONFIGURE AND PROVIDE UPDATES

25

CLOSE ONE OR MORE SCHOOLS

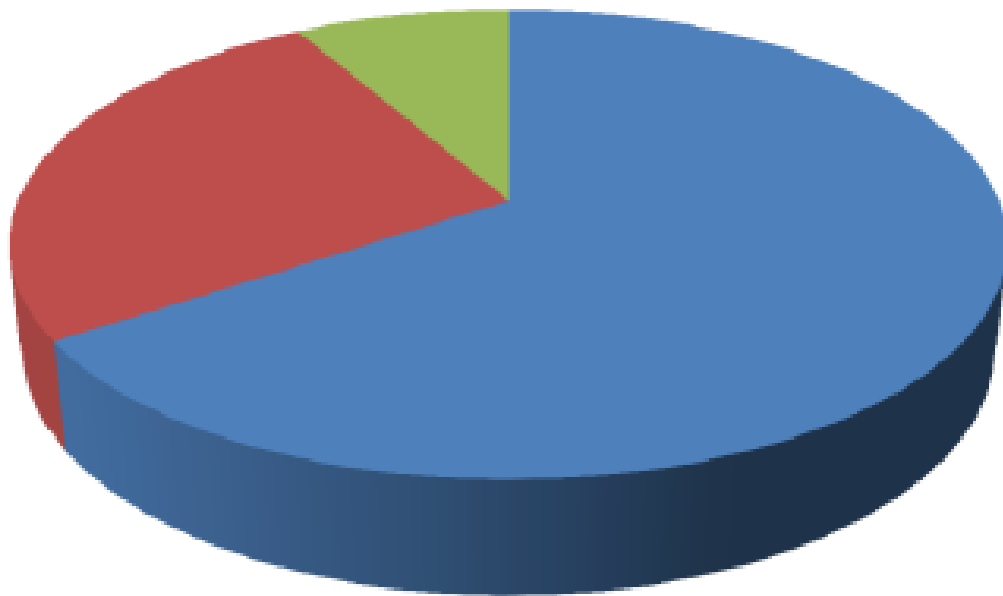
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PARENT FEEDBACK

PERCENTAGE BREAKDOWN

Maintain status quo/ Perform necessary repairs	91.7%
Close one or more schools	8.3%



MAINTAIN STATUS QUO

RECONFIGURE AND UPDATE

CLOSE ONE OR MORE SCHOOLS

QUALITY OF EDUCATION



Is there a relationship between grade configuration and student achievement as measured by standardized testing scores?

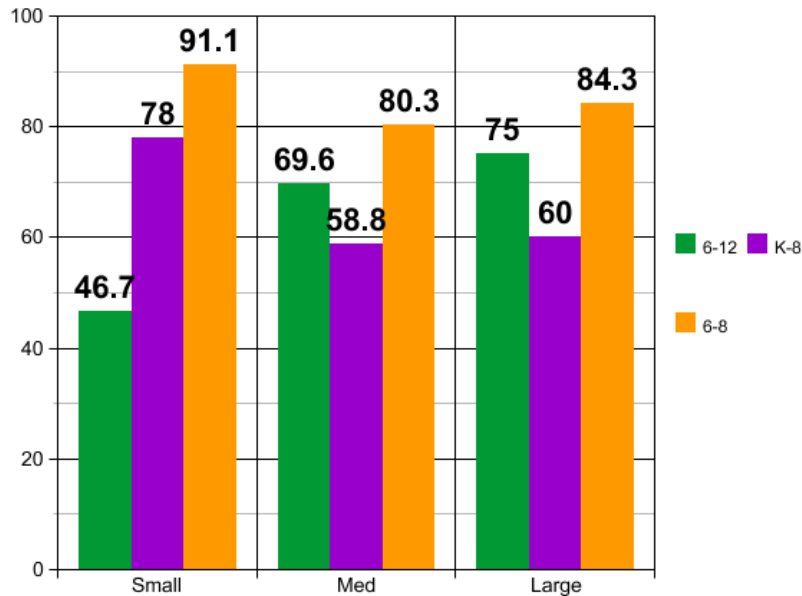


Yes! Research indicates that middle level grades 6-8 obtain higher achievement than in the same grades in a K-8 or 6-12 configuration.

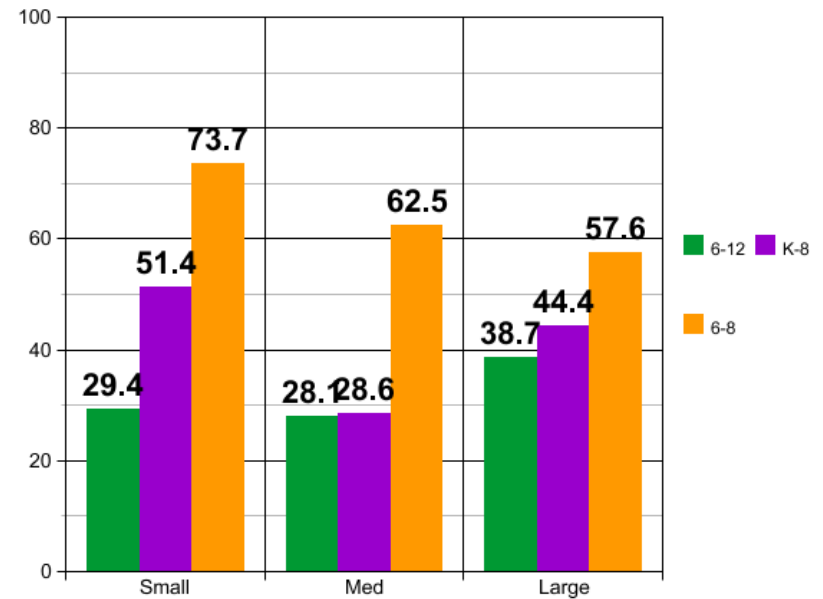
QUALITY OF EDUCATION

The below graph represents urban as well as rural, small, medium, large populations in all 3 of the mentioned configurations.

Reading Assessment Results 2014



Math Assessment Results 2014

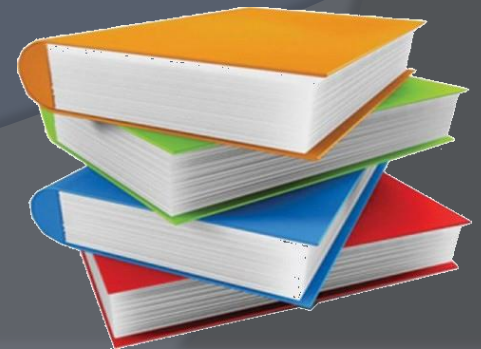


NACKAWIC MIDDLE SCHOOL RESULTS

QUALITY OF EDUCATION

BUILDING A POSITIVE LEARNING ENVIRONMENT

- 2014-2015- Volleyball champs both boys and girls, Basketball Tier 11- Girls, Banner for Badminton NMS, Soccer banner girls.
- Heritage Winner, Science Fair Gold and Bronze winners, Oratorical provincial champion from NMS
- Gaia project- partnership with Energy conservation and realistic environmentalism
- Meals on Wheels- Feeding the Seniors and making connections
- Breakfast for learning
- Cross Country Ski Club- town connections
- Run the River
- Peace Posters- Lion's Club partnership
- Terry Fox
- Illuminate- STEM and the exhibition of what Science and Technology can offer for students looking ahead at jobs
- Fit Club
- Girls Group
- Snowshoeing
- Cross Country
- Model Car Club
- Western Valley Games
- Thirty-Hour Famine
- Gardening and Composting
- Eco Classroom and Conservation
- Town Library and Book club
- Chess Fair
- Music Festival- first time held here in Nackawic with Teaching Theatre as venue
- Drama
- Bilingual Oratorical and Spoken Word Poets
- Skiing and Crabbe Mountain
- Camp Green Hill Lake
- Multi Sports Day- Town of Nackawic and Wellness
- Festival of the Arts Showcase
- Drumming
- DJ Team



STUDENT ENGAGEMENT

The **Tell Them From Me** data indicates that students at Nackawic Middle School are above the Canadian norm in social engagement. **Tell them From Me** is an evaluation system that includes a web based student survey along with teacher and parent surveys. These surveys check on the following:

- Active in the life of the school
- Involvement in Sports and Extracurriculars
- Sense of belonging
- Increase in academic motivation
- Learning Climate

Based on the TTFM results Nackawic Middle School scored above the Canadian norm with:

72% of girls and 61% of boys participating in extracurricular sport activities

79% of students trying hard to succeed

80% of students having a high sense of belonging

83% of students valuing education and seeing the benefit to them personally and economically

89% of students showing positive behaviors

Positive Teacher-Student Relationships

DRIVERS OF STUDENT OUTCOMES

Tell Them From Me data is based on students' own surveys indicates NMS is a good place to be where there is someone who advocates for them.

- NMS has 19% of students surveyed ever being a victim of bullying, well below the Canadian norm. Will this be the case if students were to enter a 6-12 configuration? Will K-5 students feel this in a K-8 configuration?
- 87% of NMS students feel safe in attending this school, above the Canadian norm. Would students feel this degree of safety in a larger school, with more students?

The natural configuration that is in place for our schools in Nackawic is working perfectly. We are not a financial burden, and our success rates speak for themselves.

COMMUNITY CONNECTIONS

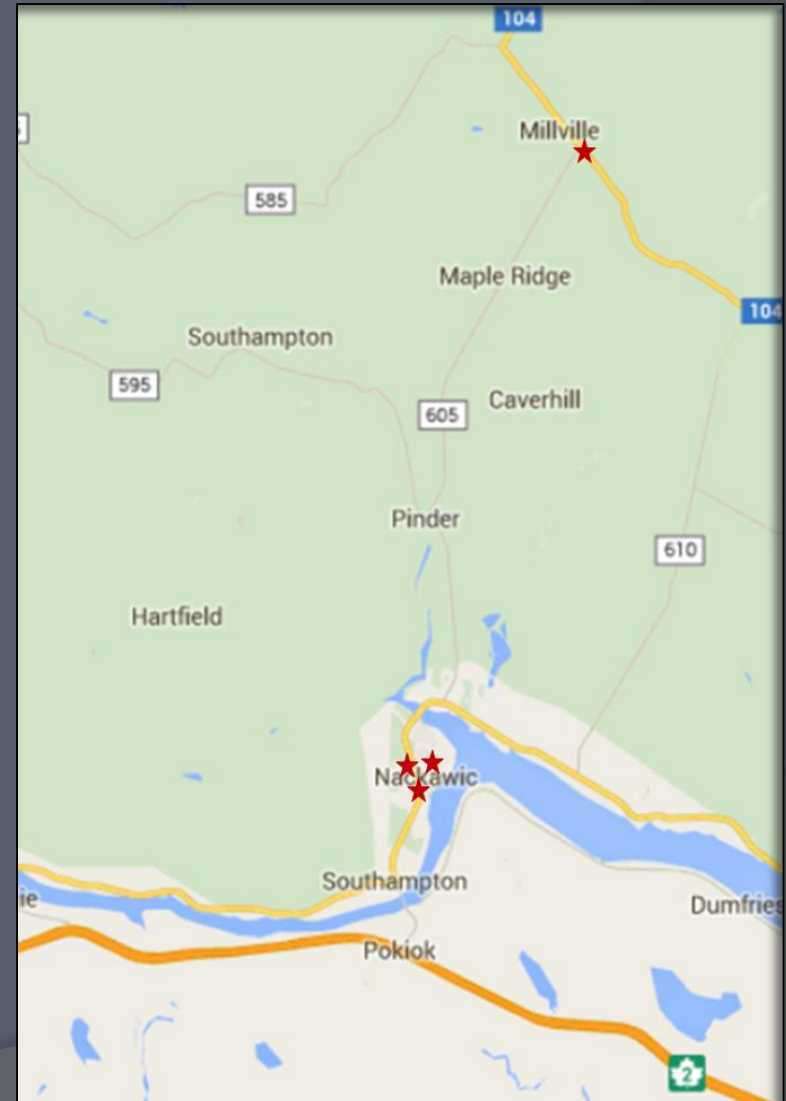
Nackawic Middle School recognizes the importance of developing, and nurturing the partnership between the school and the community.



IMPACT ON COMMUNITY

Sustainability study focused on 4 schools within a 15 km radius.

This will have a HUGE impact on the Nackawic and Millville surrounding areas.



IMPACT ON SCHOOLS

**Nackawic
Elementary
School**

**Millville
Elementary
School**





**Nackawic
Middle
School**

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graph TD; A[Nackawic Elementary School] --> C[Nackawic Middle School]; B[Millville Elementary School] --> C;
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NACKAWIC MIDDLE SCHOOL FACILITIES

- Only K-8 regulation size gymnasium between Woodstock and Fredericton.
- Only Teaching Theatre in the area community
- Fully operational Wood Shop (with eyewash station and industrial equipment)
- Art Room (with water)
- Eco Classroom
- Music Room
- Well-equipped Science Lab
- Technology Lab (with 3D printer)
- Fully equipped Teaching Kitchen
- Sewing Room
- Full Cafeteria

CAPITAL IMPROVEMENTS

REQUESTED IMPROVEMENTS	STATUS	
Roof Repair		Completed (2014)
Paving		Completed (2014)
Painting		Completed (2015)
Dust Collector (Equipment in shop)		Completed (Refurbished in 2014)

IMPACT ON BUSES



- NMS is well-designed for loading/unloading students
- Large parking lot with separate bus lane
- If capacity is increased in existing schools, it will create more congestion at dismissal and arrival times.

HEALTH CARE: WHO IS RESPONSIBLE

Childhood obesity is a growing epidemic and has become a public health priority in developed countries.

Unhealthy behaviours, including physical inactivity and unhealthy eating during adolescence contribute to obesity and consequently to chronic health conditions in adulthood which in turn lead to significant adverse effects on quality of life and productivity.

PROBLEM: NEW BRUNSWICK

- One of the highest obesity rates in North America
- One of the highest rates of chronic disease – CV and Cancer
- Spends 50% of Budget on Health

On average, in New Brunswick 28% of grade 6-12 are obese

SOLUTION: EXERCISE

- Positive impacts on physical and mental health outcomes, including quality of life and better mood states.
- Important component of health and well-being for all age groups. Youth who are physically active may benefit in the short term as well as in the long term through improved mental health status and self-esteem, physical fitness, weight control, and prevention of cardiovascular risk factors.
- Physical activity habits and patterns established during childhood and adolescence are generally sustained into adulthood.
- As per the Canadian guidelines for physical activity, youth should accumulate at least 60 minutes of moderate- to vigorous- intensity physical activity daily.

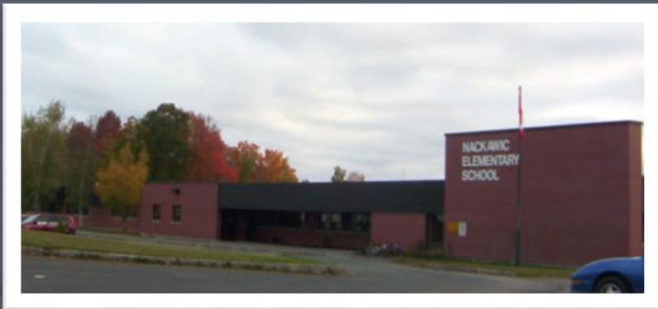
SOLUTION: STUDENT HEALTH

- Fact – Diet and Exercise play a Key role in Disease prevention
- Fact – Kids that employ Diet and Exercise Strategies early live healthier lives
- Fact - Kids that eat well and exercise are better learners
- NMS physical education and high academic results are linked
- NMS Diet and nutrition with sufficient cafeteria space
- Fact - Anonymous NMS survey 19% obesity rate vs 28% provincial average
- Reduced gym time will impact outcomes in Learning and Health Care

OUTCOME #1: STATUS QUO



- Students continue to receive superior education
- Students given greater opportunities (shop class, sewing/cooking, specialized technology classes)
- Adequate space for all students in building
- Rental revenue earned from Municipal Office (\$14 400 per year)



OUTCOME #2:

K-8 OR 6-12 SCHOOLS

- Costly and time-consuming to build
- Less support from teachers (larger student population means students will not have the individualized learning that can happen in a smaller school)
- Shared gym for all grade levels
- Academic results decline
- Loss of student opportunities (shop class, sewing/cooking, specialized technology classes)
- Overcrowding
- Loss of rental revenue earned from Municipal Office (\$14 400 per year)
- Increase in bullying
- Younger children exposed to older children, and mature situations



SCHOOL FINANCES

The Town of Nackawic Municipal Office has signed an agreement with Anglophone West School District generating \$14 400 in rental revenue per year.

Nackawic Middle School Yearly Budget:	\$ 20 357.28
Revenue Generated:	\$ 14 400.00

= 71% of budget offset by revenue earned from rental agreement alone.



ECONOMIC DEVELOPMENT

AV Nackawic

- \$40 billion corporation
- Over 136,000 employees worldwide

Sisson Mine Project

- \$579 million investment during construction
- 500 jobs during construction
- 300 jobs in New Brunswick

What happens when the mine opens and families move to this area? Premature amalgamation of buildings will be a “too little too late” scenario. Then what? Portables? Forethought is needed.



ECONOMIC DEVELOPMENT

Mactaquac Project

NB Power has identified three possible options for the station:

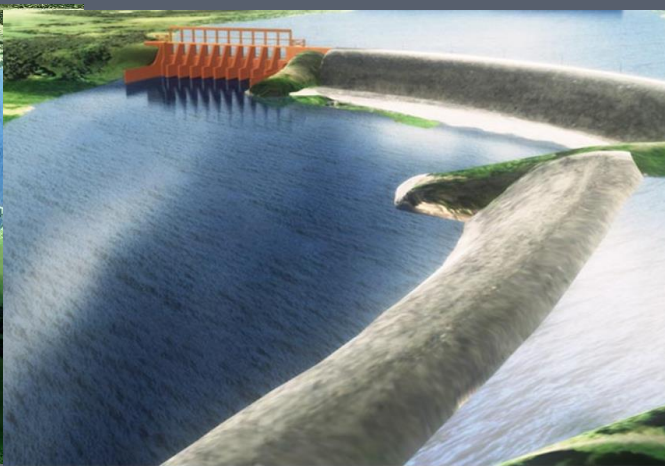
REPOWER

Existing station



REBUILD

Spillways without ability to generate electricity



RESTORE

Bring the river back to a natural flow



SCHOOL CLOSURES

If our building closes, our community will experience a loss of:

- Community connections (Reciprocal agreement with town for use of soccer fields, Meals on Wheels, golf club, etc)
- Revenue generated from Municipal Office
- Rental space used by community (gym, basement classrooms, etc)
- Impact on Business Community
- Impact on Community Health



NACKAWIC MIDDLE IS....

- Excited
- Involved
- Prepared



**Invest in our children's future
KEEP THE STATUS QUO!**