



School District 70 (Alberni)
John Howitt Elementary School
2017-2018 Numeracy Goal

System Goal: In School District 70, our students will acquire the numeracy skills required for further learning and for post-secondary life.

School Goal: Increase the number of students fully meeting or exceeding expectations in Numeracy.

2017-2018 Objectives:

- Our students will acquire the Numeracy skills for further success in their grade-to-grade transition, for life long learning, and to help lay a strong foundation of Numeracy skills for success at the secondary level.

Rationale:

Evidence and information considered in identifying this goal

Numeracy is a foundational skill to finding success in learning and life. Numeracy enables students to reach their full potential, achieve a better quality of life and contribute to their communities. In an increasingly complex and changing world, students need the confidence and numeracy skills to acquire, create, connect, and communicate information in a variety of contexts.

We have considered Performance Standard Results for Numeracy. Historically, at John Howitt numeracy has been an area of focus for the school as a goal for improving student achievement.

When we look at our data, the majority of our students fall in the Fully Meeting (FM) or Exceeding Expectations (EE) range of achievement for Numeracy. For our students to be successfully transitioning year to year, and from Elementary to Secondary, we need to track and target our students who are Not Yet Meeting (NYM) or Minimally Meeting Expectations (MM) in Numeracy. Improving the results for these students will help to improve their outlook on Numeracy and help them in their Grade-to-Grade transitions at John Howitt Elementary, and will help our Grade 7 students find success at the Secondary level. We will continue to track the numeracy results of our students on a class by class basis so that we can focus on supporting the growth of our students. We will also track the progress of our Aboriginal Students to monitor their progress and growth as well. We will then use the information to provide targeted supports or interventions to support struggling students.



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Evidence:

Data considered (School)

Key Indicator - Kindergarten-Grade 3: percentage of students meeting or exceeding expectations in Numeracy based on the performance standards.
- Grade 4-7: percentage of students meeting or exceeding expectations in Numeracy based on the performance standards.

Other indicators

Report Card Marks (proficiency measure)
Grade 4-7: percentage of students earning a C- or better
Provincial Assessment (FSA)

Success/Results

Evidence shared with PAC, staff and students

- ✓ 61% of Students in the 2016-2017 School Year were FM or EE Expectations in Numeracy
- ✓ 22% of Students in the 2016-2017 School Year were MM or Approaching Expectations in Numeracy
- ✓ 17% of Students in the 2016-2017 School Year were NYM Expectations in Numeracy

2017-2018 Targets

Expected results

- Increase the number of Students Fully Meeting or Exceeding Expectations in Numeracy.

JHE NUMERACY PERFORMANCE STANDARDS

133



Fully Meeting or Exceeding Expectations

49



Minimally Meeting Expectations

36



Not Yet Meeting Expectations



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Organizing for Improvement

Strategies and Structures

How will we continue to do to support students in this goal area?

What have we been doing to increase student outcomes in Math:

- Teacher led instruction.
- Direct instruction.
- Direct or small group instruction with classroom teacher or support teacher.

Staff Learning Opportunities:

- Incorporate sharing at each staff meeting one item with a Math Focus
- How can we work with other schools to share our professional learning and what other outside Math Leaders could help us?
- Carole Fullerton's website and resources (purchase).
- Conferences with a Math focus.
- Purchase copies of Visible Learning for Mathematics, Grades K-12; What works best to Optimize Student Learning. (Hattie, Fisher, Frey, Gojal, Moore, Mellman)
- Webinars.
- Teacher collaboration time.

Strategies and Structures continued

- Track Student Numeracy Results by Term; Identify Students who may be struggling.
- Continue to find ways for students to explore Consumer Math projects.
- Continue to have students use Math Manipulatives.
- Continue to use online Math Resources (e.g. Khan Academy, IXL Math, and Prodigy)
- Include Math topics and share best practices in Math instruction at Monthly Staff Meetings.

What new strategies, practices or structures will we introduce?

- Explore using assessment for learning strategies that focus on common Numeracy language, processes and structures K-7.
- Explore finding ways to improve student understanding, and use of basic math facts.
- Regular exposure and practice of Math Word Problems. Focus on having a Math Word Problem day/time each week.
- Explore use of the First Peoples Math Resource.
- Exploring Instructional Strategies and resources that engage our learners is vital to meeting the needs of our disengaged students.
- Explore using a Home Math Program to help improve Numeracy results.
- Focus on creating a safe environment for all students to develop Numeracy Skills. A focus that ALL Students can be successful in Numeracy (i.e. Math is not Scary)



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Communication

How will we communicate progress?

- Presentations to PAC, Students, School Staff, District Staff and School Board Trustees.
- School Plan Update.
- Staff Meetings and Newsletters
- With students: assemblies, school announcements, class meetings.
- Shared online with our school community.