

## THE CURRENT CONTEXT

École Qayqayt Elementary School is a dual track school from Kindergarten to Grade Five offering both Early French Immersion and English programming in New Westminster's downtown neighbourhood. Qayqayt has a diverse student population, an innovative and committed staff, and a dedicated parent community that work hard to create a strong learning partnership. The enrolment for the 2023- 2024 school year currently sits at approximately 670 students.

## OBJECTIVE: WHAT WE HOPE TO ACHIEVE

Our hope is that all school members will take an active role in broadening our knowledge of Numeracy practices as they align to the British Columbia Curriculum. The focus of our school learning plan is to further inform our practice and strengthen and extend our student's achievement in Numeracy (strategies, fluency, attitudes, mindset). In addition to focusing on skills, concepts, and processes, we hope to emphasize the importance of students developing positive attitudes towards math (perseverance, positivity, confidence, determination). The overall objective is to provide our students the necessary tools for becoming proficient Mathematicians. Specific objectives are found below:

- Improve confidence and growth mindset in mathematics
- Improve number sense, fluency and abilities in basic operations
- Incorporate more inclusive practices, strategies and First Peoples ways of knowing and learning into math routines and lessons to allow for more entry points and opportunities to show learning in multiple ways

## DESIGN: HOW WE PLAN TO MEET OUR OBJECTIVE

### Action Plan

- Whole staff to collaborate on creating objectives, action plan, possible success indicators and ways to communicate information with our community
- Classroom teachers to conduct baseline assessments early in the Fall (from Josh, throughout the grades)
- Staff to focus on fostering a positive classroom environment and growth mindset towards math, particularly in first term. Praise effort over answers, motivate students to try their best, establish the classroom as a safe space to make mistakes and ask questions.
- Create opportunities for staff to engage and share successes and struggles in grade groups
- Collab Afternoons- grade groups to collaborate on routines, projects, assessment and activities
- Participate in pilot project 'My Math Path'
- Provide opportunities for learners to self- reflect and self- assess their growth mindset in relation to a numeracy goal (each report card)

### Timeline

- September Professional Development Day.
- Early Fall
- First term, maintain consistency throughout second and third terms
- Collaboration afternoons
- Collaboration afternoons
- Ongoing all year
- December, March and June

- Present one math routine or game at each Staff Meeting
- Create a Math Bulletin Board (English and French)
- Access support from the District Learning Facilitator for Numeracy
- Classroom teachers to conduct end of year assessments to gauge progress

Ideas to support student learning

- Implement daily math routines (SPLAT, Estimation Clipboard, WODB, Esti-Mysteries, Number Talks)
- Explicitly teach math concepts and vocabulary (Math Wall, visuals)
- Incorporate open-ended, process-focussed questions and discussions
- Teach use of math tools (calculator, protractor)
- Math for Fun/ Everyday life (Uno, Cards, Games, Chess, Checkers)

- Monthly
- Ongoing all year
- Ongoing all year
- June

### **SUCCESS INDICATORS: HOW WE WILL KNOW THAT OUR ACTIONS ARE HAVING THE DESIRED IMPACT**

#### **Key Results**

- Increased confidence and growth mindset within student reflections (survey, interviews, report card comments)
- Improved results in weekly math review exit slips of basic concepts and fluency
- Increase in math skill at the end of the year assessments
- Hear students using appropriate math terms (Eg “sum”, “difference”)
- Include families in this journey by sharing activities that can be done at home, monthly questions from our Math Bulletin Board and including specific information in each report card.

### **COMMUNICATION: HOW WE WILL SHARE OUR LEARNING JOURNEY WITH OUR COMMUNITY**

#### Weekly Newsletter

- A section related to math (activities, fun facts, student projects and successes) will be included in the principal’s weekly newsletter to families.

#### Report Cards

- In addition to comments related to mathematical achievement, each student will have a self- reflection focused on their math journey included in each report card.

#### Monthly Math Bulletin Board

- A school bulletin board will be created with monthly themes and will include a variety of multiple-entry point math questions in both English and French. Photos of this bulletin board will also be shared in the weekly newsletter.

School Learning Plan will be posted on the school’s website

Additional information related to our School Learning Plan will be shared at PAC Meetings