

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 2024- 2025 school year currently sits at approximately 730 students.

OBJECTIVE: WHAT WE HOPE TO ACHIEVE

We encourage all members of our school community to actively engage in linking outdoor learning with numeracy. This focus on numeracy continues our 2024-2025 school learning plan, which aimed to enhance teaching practices and improve student achievement. By integrating outdoor experiences, we hope to help students develop a range of mathematical strategies while fostering positive attitudes and mindsets toward numeracy.

After analyzing district and school wide data (FSA, CHEQ, EDI and MDI), we want to extend our numeracy goals and investigate the following objectives:

- How can integrating outdoor math routines and activities enhance the physical health and well-being of all students?
- How can exploring math in nature enhance student engagement and foster critical thinking skills in mathematics?
- How can the staff collaborate to identify and address barriers to outdoor learning and work together across grade levels on lesson ideas and learning goals?

DESIGN: HOW WE PLAN TO MEET OUR OBJECTIVE

Action Plan

- Whole staff to collaborate on creating our School Learning Plans' objectives, action plan, possible success indicators and ways to communicate information with our community
- Staff-wide professional development specific to connecting Outdoor Learning and Numeracy
- Create a map of our school's outdoor spaces and work collaboratively to identify 'learning' and 'playing' spaces
- Monthly grade group meetings during Staff Meetings to share lesson ideas and learning goals connected to Numeracy and Outdoor Learning
- Use Collaboration Afternoons to create unity and foster collaboration across staff related to Outdoor Learning and Math
- Provide opportunities for learners to self- reflect on their mathematical experiences outdoors (each report card)
- Create grade group Math Bulletin Boards (English and French)

Timeline

August/ September

September/ April

September/ October

Monthly

October, January and May

Each term

Ongoing

Ongoing

Ideas to support student learning

- Implement outdoor math routines
- Explicitly teach math vocabulary so that students are more able to communicate mathematical thinking orally and in writing
- Emphasize where math is found in nature (patterns, geometry, number sense, etc.)
- Incorporate Number Talks connected to math in nature

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

- Every class engages in an Outdoor Learning activity at least once a term
- Classes increase the amount of time they spend engaged in Outdoor learning activities
- Improvement in FSA numeracy results over the next three years
- Improvement in the CHEQ, EDI and MDI assessments in the areas of physical health and well-being
- Students' report card self-reflections show an understanding of where math lives in nature
- Staff and students share their learning on Math Bulletin Boards

COMMUNICATION: HOW WE WILL SHARE OUR LEARNING JOURNEY WITH OUR COMMUNITY**Parents/ Community**

- PAC to fundraise for Outdoor Learning materials
- Engage and inform the PAC regularly at monthly meetings
- Post our School Learning Plan on the school website