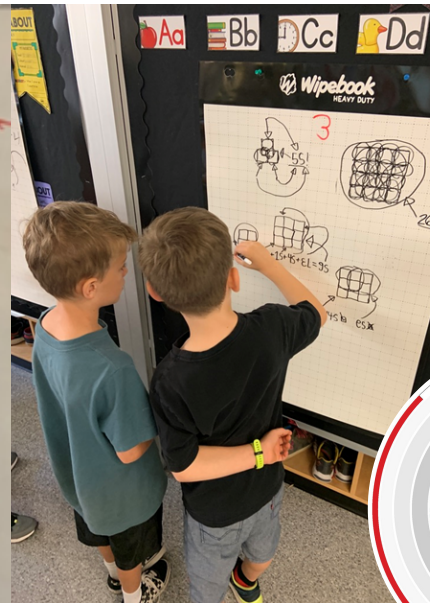
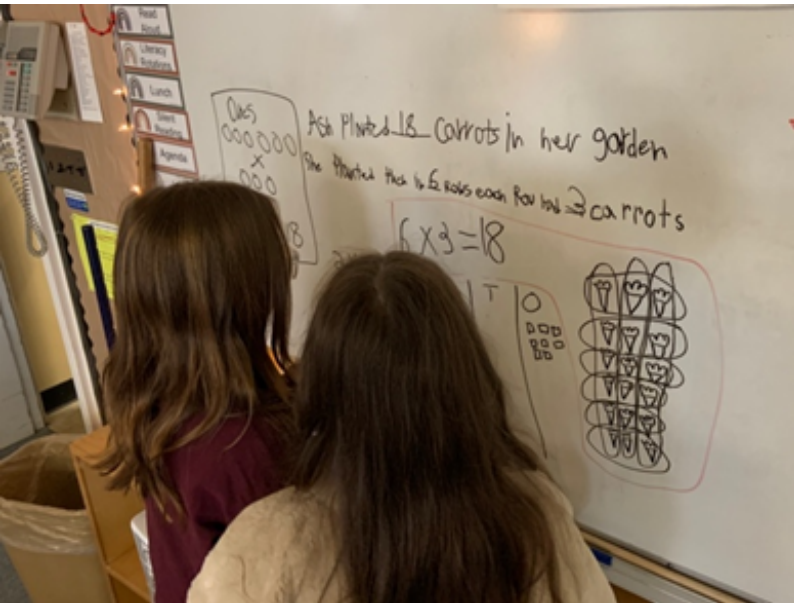




# PROFESSIONAL LEARNING IN NUMERACY



## Curriculum Department Grades K - 8

Curriculum Helping Teachers Christian Ladders and Anna Webb, are working with teachers to support students in developing numeracy skills.

*"We believe that numeracy is the ability to understand and apply mathematical concepts, processes and skills to solve problems in a variety of contexts."*

Christian has been invited into many classrooms to explore the use of vertical learning to engage and challenge learners. Students have pushed the boundaries of their own mathematical thinking and practiced collaborative problem-solving. Teachers are able to monitor student learning and ensure that students are working in their 'sweet spot' with the right amount of challenge and support.

*Vertical Learning is about the transformation of how you think, feel, and make sense of the world; it is about increasing the complexity of how you see and relate to the world and to what you know. It includes the development of both mental complexity and emotional intelligence.*

Anna has been working alongside teachers creating a balanced numeracy program. Using student data to build Core Competencies that support academic goals, teachers are shown differentiated instruction methods to facilitate small group learning. Into this framework she has introduced a variety of SNAP games to help students practice their numeracy skills in a highly engaging format. During these lessons, the teacher provides many access points so students can interact with the curriculum and consolidate learning. These instructional practices have helped to develop young mathematicians who are curious, critical thinkers.

*"It was wonderful to have Anna come in to support the Numeracy learning in my grade 2 classroom. The SNAP resources and games she provided were focused yet engaging for the students and made a huge positive impact on my ability to start up my small group instruction. I am able to differentiate the learning and my students thrive on the predictability of our math rotations that they have practiced and mastered." - Jessica Poh, Teacher at Central*

✓ **Data Driven Decisions**

✓ **Collective Responsibility**