

# SD 38 K-12 Mathematics & Numeracy

## Kindergarten – Grade Two: Week One

**Big Idea:** Number represents and describes quantity.

**Curricular Content:** number concepts to 10, 20 and 100

**Curricular Competencies:** communicate mathematical thinking in many ways, represent mathematical ideas in concrete, pictorial, and symbolic forms, connect mathematical concepts to each other and to other areas and personal interests

**Core Competencies focus:** Communication

Teachers and Families: The following are five problems/tasks to choose from for this week, based on the above curricular areas of focus.

Choose a number: 10, 25, 89, 100, 142 What different ways can you represent it? Consider using symbols, pictures, ten frames, tally marks, etc.
Choose a number: 12, 32, 50, 99, 125 What different ways can you decompose it? Decompose means break into parts (ie. 20 can be decomposed into 10 and 10 or 10 and 7 and 3 and many other ways) How will you show your thinking?
Choose a number: 10, 20, 50, 90 Find that quantity of items (rocks, seeds, books, blocks, toys). What different ways can you count the items? How can you show or record how you counted them?
Choose an amount: 15¢ or 25¢ or 50¢ or 100¢ What different ways can you make this amount with coins? (you can choose to use pennies or not!)
<b>Numeracy Task:</b> Look around your home or neighbourhood. Where do you see numbers? Take photos or record the numbers you find on a piece of paper. What numbers are most common? How are numbers used?