# SD 38 K-12 Mathematics & Numeracy

## Grades 3-5: Week Five

**Big Idea:** Number represents and describes quantity.
**Curricular Content:** fraction and decimal number concepts, comparing and ordering
**Curricular Competencies:** use reasoning to explore and make connections, communicate mathematical thinking in many ways, represent mathematical ideas in concrete, pictorial, and symbolic forms
**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.

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| Choose two fractions: 1/2, 1/4, 2/4, 3/4, 3/10, 5/10, 8/10 <br> Find at least five different ways to represent each fraction. (pictures, numbers, ten frames, materials you have around home) <br> How are these representations the same? How are they different? |
| Choose ten decimal numbers between 0 and 2 and write them down. <br> What different ways can sort the numbers? <br> Put the numbers in order from least to greatest. <br> Use pictures, numbers and words to show your thinking. |
| Choose a fraction between ½ and 1. <br> Choose three fractions that are less than that fraction and three fractions that are more than that fraction. <br> Record all seven fractions in order from greatest to least. |
| Here is a list of benchmark numbers in order: 0   ½   1 <br> Draw a numberline with these benchmark numbers on it and then add five or more of these numbers to it:  3/4, 0.2, 4/10, 0.45, 7/10, 0.51, 1/4, 0.8, 99/100, 2/4 <br> How will you share your reasoning for where you placed each of the numbers? |
| **Numeracy Task:** <br> Look around your home, on a website or in book, magazine or newspaper. <br> Where can you find fractions and decimal numbers used to communicate information? <br> Write down the fractions and decimal numbers you find. <br> What are the most common fractions/decimals you find? Why do you think that is? |

**RICHMOND**
SCHOOL DISTRICT NO.38