

# SD 38 K-12 Mathematics & Numeracy

## Grades 3-5: Week Two

**Big Idea:** Computational fluency develops from a strong sense of number.

**Curricular Content:** fluency with addition & subtraction facts to 20 and application of these facts when adding/subtracting larger numbers, multiplication & division facts to 100

**Curricular Competencies:** develop mental math strategies and abilities to make sense of quantities, 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.

Choose a question:  $8+7$ ,  $9+6$ ,  $28+17$ ,  $259+16$ ,  $488+357$

What different strategies can you use to add these numbers together?

How can you show or record how you figured out the answer?

Choose a question:  $12-3$ ,  $16-7$ ,  $22-3$ ,  $91-13$ ,  $471-83$

What different strategies can you use to subtract or find the difference between these numbers?

How can you show or record how you figured out the answer?

Choose a question:  $3 \times 4$ ,  $4 \times 8$ ,  $6 \times 8$ ,  $4 \times 16$ ,  $8 \times 12$

What different strategies can you use to multiply these numbers?

How can you show or record how you figured out the answer?

Choose a question:  $15 \div 3$ ,  $18 \div 6$ ,  $36 \div 4$ ,  $56 \div 8$ ,  $80 \div 10$

What different strategies can you use to multiply these numbers?

How can you show or record how you figured out the answer?

### **Numeracy Task:**

When might you need to add or multiply numbers together when you are doing things at home? Write a math problem about this and show how you solved it.