

SD 38 K-12 Mathematics & Numeracy

Kindergarten – Grade Two: Week Two

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

Curricular Content: sense of 5 and 10, addition and subtraction facts to 20

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 number: 8, 12, 20

What different ways can you make this number?

Consider using symbols, pictures, ten frames, dots, equations, etc as you think about composing the quantity (4 and 4 and 2 make 10) or using addition or subtraction.

Choose a number: 8, 14, 16, 19

How can you use 5 or 10 to help you think about ways to make this number?

What different ways can you make this number?

For example, 18 is made of a 10 and an 8 or 16 can be represented as $10+5+1$

How will you show your thinking?

Choose a question: 5 and 3, $8+7$, $9+8$, $12+9$

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: 9 and 3, $9-2$, $12-3$, $15-6$

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?

Numeracy Task:

When might you need to add two numbers or amounts together when you are doing things at home? Draw or write a story about this.