

# 1<sup>st</sup> Grade Math Unit 1

<b>Content Area</b>	Math
<b>Unit Title/Topic</b>	Operations & Algebraic Thinking
<b>Course/Grade Level</b>	1 <sup>st</sup> Grade
<b>Unit Summary</b>	Students focus on representing and solving problems involving addition and subtraction; understand and apply properties of operation and the relationship between addition and subtraction.
<b>Time Frame</b>	<i>weeks</i>

## Desired Results

### Priority Standards:

- **1.OA.1** Use addition and subtraction within 20 to solve word problems involving situations to, taking from, taking apart, and comparing, with unknowns in all positions.
- **1.OA.2** Solve word problems that call for addition of three whole numbers whose sum is less than or equal to 20 by using objects, drawings, and equations with a symbol for the unknown numbers to represent the problem.
- **1.OA.8** Determine the unknown whole number in an addition or subtraction equation relating three whole numbers.

### Supporting Standards:

- **1.OA.3** Apply properties of operations as strategies to add and subtract.
- **1.OA.4** Understand subtraction as an unknown-addend.
- **1.OA.5** Relate counting to addition and subtraction.
- **1.OA.6** Add and subtract within 20, determining fluency for addition and subtraction within 10. Use strategies such as counting on, making ten, decomposing etc.
- **1.OA.7** Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false.

### Continuous Foundational Standards:

## Nebraska State Standard

- **1.1.2 Operations:** Students will demonstrate the meaning of additions and subtraction with whole numbers.
- **1.1.3 Computation:** Students will compute fluently and accurately using appropriate strategies and tools.
- **1.3.3** Students will use objects and pictures as models to represent mathematical situations.
- **1.3.3** Students will use concrete, verbal, and visual representations to solve number sentences.