

Consolidation of Concepts

Learning Progressions for the Common Core Standards Counting and Cardinality, Operations and Algebraic Thinking, Number and Operations in Base Ten, and Measurement and Data

In Grade K, children will

- create and solve story problems and make drawings or write equations to represent problem situations.
- identify all partners of numbers from 2–10 and teen numbers and write addition equations to represent the partners.
- achieve fluency adding and subtracting within 5.

In Grade 1, children will

- represent a situation or numerical problem with groups of objects, a drawing, or fingers.
- model the situation by composing two addend groups or decomposing a total group.
- use subitizing with 5-groups to omit the counting of one addend.
- work toward fluency for addition and subtraction within 10.

Content Standards Across the Grades

Grade K

- Know number names and the count sequence. [CC.K.CC.1, 2, 3]
- Count to tell the number of objects. [CC.K.CC.4, 4a, 4b, 4c, 5]
- Compare numbers. [CC.K.CC.6, 7]
- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from. [CC.K.OA.1, 2, 3, 4, 5]
- Work with numbers 11–19 to gain foundations for place value [CC.K.NBT.1]
- Describe and compare measurable attributes. [CC.K.MD.1, 2]

Grade 1

- Represent and solve problems involving addition and subtraction. [CC.1.OA.1, 2]
- Understand and apply properties of operations and the relationship between addition and subtraction. [CC.1.OA.3, 4]
- Add and subtract within 20. [CC.1.OA.5, 6]
- Work with addition and subtraction equations. [CC.1.OA.7, 8]
- Extend the counting sequence. [CC.1.NBT.1]
- Understand place value. [CC.1.NBT.2]
- Measure lengths indirectly and by iterating length units. [CC.1.MD.1, 2]