

STRAND: NUMBER



Foundational Understandings

- The principles of counting are the basis for understanding the meaning of numbers.
- A number can be represented concretely, pictorially, and symbolically.
- A number can be represented in various equivalent ways.
- Addition results in a total. Subtraction results in a difference.
- Financial literacy is the basis for making responsible decisions about money and considering the impact the decisions have on oneself and on others.

Solving problems helps children learn about numbers, operations, and financial literacy both inside and outside the classroom.

Applications



Number trajectory continued on next page

STRAND: NUMBER *continued*

ADDITION

Meaning of Addition

3/4: Joining to Determine Sums of Objects 1–3
Joins 2 sets and counts the total number of objects

4/5: Joining to Determine Sums of Objects 1–5
Joins 2 sets and counts the total number of objects

4/5: Counting On to Determine Sums of Objects 1–5
Counts on from the first set to determine the total number of objects

4/5: Joining to Determine Sums of Objects 1–10
Joins 2 sets and counts the total number of objects

4/5: Counting On to Determine Sums of Objects 1–10
Counts on from the first set to determine the total number of objects

SUBTRACTION

Meaning of Subtraction

3/4: Separating to Determine Differences of Objects 1–3
Moves objects away and counts to determine how many are left

3/4: Separating to Determine Differences of Objects 1–5
Moves objects away and counts to determine how many are left

4/5: Separating to Determine Differences of Objects 1–10
Moves objects away and counts to determine how many are left

4/5: Comparing to Determine Differences of Objects 1–10
Compares quantities and counts to determine how many more or fewer in each set

FINANCIAL LITERACY

Role Play Financial Situations

2/3: Role Playing Financial Transactions
Role plays buying, selling, and trading in a variety of settings

2/3: Objects Have Value
Understands that objects have value and makes exchanges

3/4: Wants and Needs
Distinguishes between wants and needs

4/5: Characteristics of Coins
Identifies the similarities and differences of coins

4/5: Relative Value of Coins
Understands that coins have different values