

Addition and Subtraction Within 100

Central concept: **Addition and Subtraction Within 100**

Connections

- Addition and Subtraction Within 100 (builds on) -> Number Facts
- Addition and Subtraction Within 100 (uses) -> Addition and Subtraction Strategies
- Addition and Subtraction Within 100 (includes) -> Compose a Sum
- Addition and Subtraction Within 100 (represents) -> Represent Quantities
- Addition and Subtraction Strategies (includes) -> Making Multiples of Ten
- Addition and Subtraction Strategies (includes) -> Using Doubles
- Compose a Sum (shows) -> Order Does Not Matter
- Compose a Sum (applies to) -> Visualize 100
- Addition and Subtraction Within 100 (checks) -> Verify Using Inverse
- Addition and Subtraction Within 100 (solves) -> Find Missing Quantity
- Represent Quantities (leads to) -> Solve Real Problems
- Number Facts (facilitates) -> Addition and Subtraction Strategies

Notes

- **Addition and Subtraction Within 100:** Grade 2 students investigate how to add and subtract numbers up to 100. [Outcome](#)
- **Number Facts:** Addition facts with addends to 10 and related subtraction facts. [Skills](#)
- **Addition and Subtraction Strategies:** Strategies for two-digit numbers include making tens and using doubles. [Knowledge](#), [Knowledge](#)
- **Making Multiples of Ten:** A key strategy for adding and subtracting two-digit numbers. [Knowledge](#), [Knowledge](#)
- **Using Doubles:** A strategy where you add a number to itself or use near-doubles. [Knowledge](#), [Knowledge](#)
- **Compose a Sum:** A sum can be made in multiple ways, including with more than two addends. [Understanding](#), [Skills](#)
- **Order Does Not Matter:** The order in which more than two numbers are added does not change the sum. [Knowledge](#), [Knowledge](#)
- **Represent Quantities:** Addition and subtraction show the sum or difference of countable items or lengths. [Understanding](#), [Understanding](#)
- **Verify Using Inverse:** Check a sum or difference by using the opposite operation. [Skills](#)
- **Find Missing Quantity:** Determine a missing number in an addition or subtraction sentence. [Skills](#)
- **Visualize 100:** See 100 as made up of tens in different ways. [Skills](#), [Skills](#)
- **Solve Real Problems:** Use addition and subtraction to solve problems with objects or lengths. [Skills](#)



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