

Addition and Subtraction Within 100 (Grade 2)

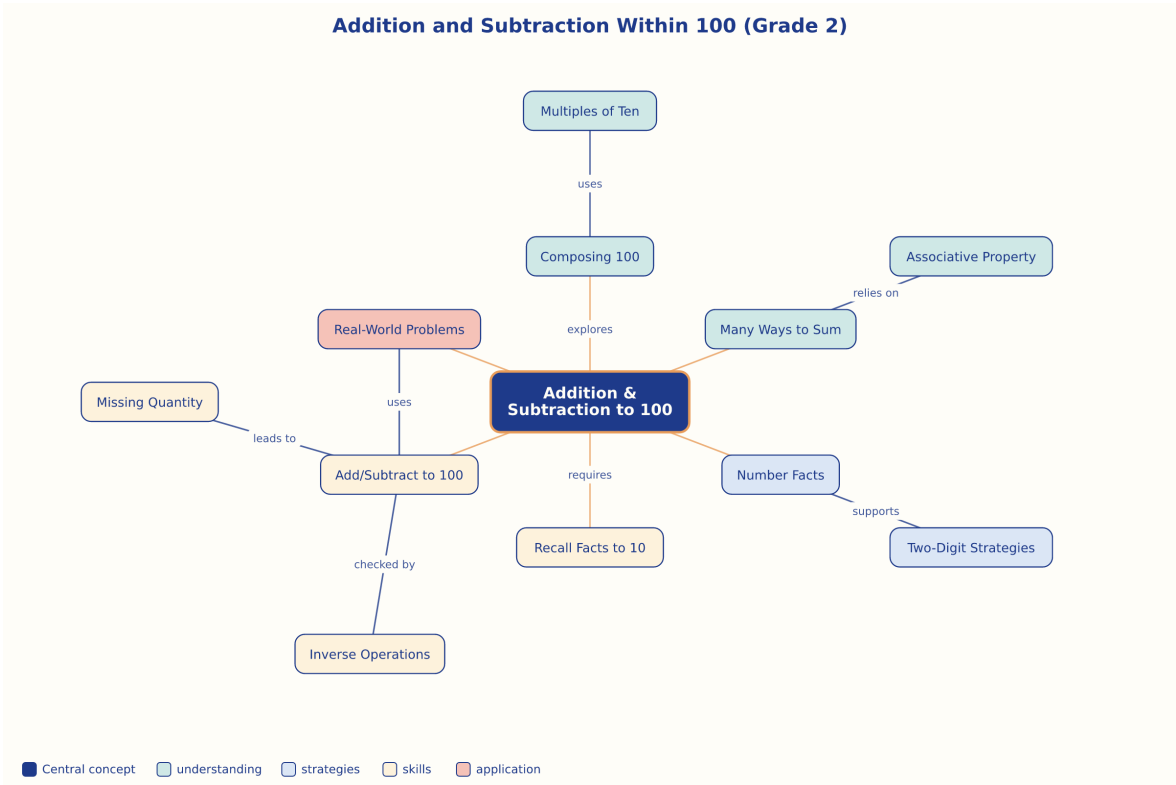
Central concept: **Addition & Subtraction to 100**

Connections

- Addition & Subtraction to 100 (explores) -> Composing 100
- Composing 100 (uses) -> Multiples of Ten
- Addition & Subtraction to 100 (shows) -> Many Ways to Sum
- Many Ways to Sum (relies on) -> Associative Property
- Addition & Subtraction to 100 (builds on) -> Number Facts
- Number Facts (supports) -> Two-Digit Strategies
- Addition & Subtraction to 100 (requires) -> Recall Facts to 10
- Addition & Subtraction to 100 (includes) -> Add/Subtract to 100
- Add/Subtract to 100 (checked by) -> Inverse Operations
- Add/Subtract to 100 (leads to) -> Missing Quantity
- Addition & Subtraction to 100 (applies to) -> Real-World Problems
- Real-World Problems (uses) -> Add/Subtract to 100

Notes

- **Addition & Subtraction to 100:** Students investigate addition and subtraction within 100. [Outcome](#)
- **Composing 100:** Visualize 100 as made of multiples of 10. [Skills](#)
- **Multiples of Ten:** 100 can be built from groups of ten in many ways. [Skills](#)
- **Many Ways to Sum:** A sum can be composed in multiple ways, even with more than two addends. [Understanding](#), [Understanding](#)
- **Associative Property:** Order of adding more than two numbers does not change the sum. [Knowledge](#), [Knowledge](#)
- **Number Facts:** Familiar addition and subtraction facts help build strategies. [Knowledge](#), [Knowledge](#)
- **Two-Digit Strategies:** Strategies include making multiples of ten and using doubles. [Knowledge](#), [Knowledge](#)
- **Recall Facts to 10:** Recall and apply addition facts with addends to 10 and related subtraction facts. [Skills](#), [Skills](#)
- **Add/Subtract to 100:** Add to a sum of 100 and subtract with a maximum minuend of 100. [Skills](#), [Skills](#)
- **Inverse Operations:** Verify a sum or difference using inverse operations. [Skills](#), [Skills](#)
- **Missing Quantity:** Determine a missing number in a sum or difference within 100. [Skills](#), [Skills](#)
- **Real-World Problems:** Addition and subtraction represent sums or differences of countable quantities or measurable lengths. [Understanding](#), [Understanding](#)



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