


Domain: Addition & Subtraction to 100

Instructional Phase 1: Developing Foundational Knowledge

- Structuring Numbers 1 to 20
- ***Conceptual Place Value*** 
- Higher Decade Addition and Subtraction

Instructional Phase 2: Consolidating Early Strategies

- 2-Digit Addition and Subtraction with Materials
- Informal Notation and Labeling Strategies
- Comparing Strategies

Instructional Phase 3: Refining and Extending Tasks

- Refining Strategies
- Formalizing Tasks and Notation
- Increasing Complexity of Tasks
- Extending the Range of Numbers

What is it?	Being able to increment and decrement on and off the decade flexibly, by tens and by ones
What materials support development?	Bundling Sticks: <ul style="list-style-type: none">• Make and count bundles of ten, forward & backward, visible and screened• Count bundles by tens, and switch to counting by ones when sticks are introduced, and switch back to counting by tens when task returns to bundles• Perform above tasks with screens• Flexibly solve tasks involving adding multiple bundles and sticks at one time• Flexibly solve tasks involving adding multiple bundles and sticks at one time when materials are screened.