



## INSTRUCTIONAL GUIDANCE: ADDITION & SUBTRACTION

### Implementation Summary

Page 1 of 1

- The goal is developing efficient and increasingly fluent addition and subtraction strategies.
- Students need to be able to explain how they solved addition and subtraction problems.
- Previous work on part-part-whole relationships and early place value understanding supports them to do this.
- Progress gradually from smaller, highly familiar number facts to larger calculations and two-digit problems requiring place-value understanding.
- Support students to move beyond counting-by-ones towards efficient mental strategies. As they develop their skills, students will be more likely to use flexible decomposition strategies if they can retrieve a bank of facts from memory.
- Use frequent, daily arithmetic practice sessions initially before moving to less frequent cumulative review.