This academic overview can be used to monitor and support your child's at   -home learning progress

Unit 4: Addition and Subtraction without Algorithms

Student Learning Targets
- I can add up to four two-digit numbers and subtract two-digit numbers using mental strategies.
- I can solve one-step and multi-step addition and subtraction word problems within 1,000 using strategies based on place value.
- I can use a given number sentence to create and solve problem situations.
- I can represent and solve addition and subtraction word problems.

Questions to Check for Unit Understanding
- What is the sum/difference of _____ and _____? What mental strategy did you use?
- How did you determine that you had to add/subtract in this word problem?
- What word problem can you create with this number sentence _____ + _____ (or _____ - _____)? What is the solution?
- Is there another way of representing this word problem without changing the solution?

Key Academic Vocabulary
- mental strategy: a mental plan that can be used to solve a problem that does not involve using traditional ways of solving problems.
- place value: the value of a digit determined by its location in a number
- number sentence: a math statement that uses numbers, add/subtract symbols, and the equals sign

Unit 5: Addition and Subtraction with Algorithms

Student Learning Targets
- I can add up to four two-digit numbers and subtract two-digit numbers using mental strategies and algorithms.
- I can solve one-step and multi-step addition and subtraction word problems within 1,000, using strategies based on place value including algorithms.
- I can use a given number sentence to create and solve problem situations.
- I can represent and solve addition and subtraction word problems.

Questions to Check for Unit Understanding
- What is the sum/difference of _____ and _____? What strategy did you use (including algorithms)?
- How did you determine that you had to add/subtract in this word problem?
- What word problem can you create with this number sentence _____ + _____ (or _____ - _____)? What is the solution?
- Is there another way of representing this word problem without changing the solution?

Key Academic Vocabulary
- algorithm: the steps that can be used to solve a math problem