

Expectations and Outcomes

Grade Level/Course: First Grade

Content Area: Math

Unit Title	Guarantees
Numbers through 10	<ul style="list-style-type: none"> ● Discuss numbers 1-10 ● Visualize numbers as a 5-group and ones
Patterns with partners through 10	<ul style="list-style-type: none"> ● Partners of 2 through 5 ● Partners of 6 ● Partners of 7 ● Partners of 8 ● Partners of 9 ● Partners of 10 ● Focus on mathematical practices
Represent addition situations	<ul style="list-style-type: none"> ● Represent addition ● Addition with circle drawings ● Addition equations ● Addition equations and stories
Solve addition equations	<ul style="list-style-type: none"> ● Explore solution methods ● Addition strategies: counting on ● Count on from the greater number ● Addition game: unknown totals ● Practice counting on
Solve subtraction equations	<ul style="list-style-type: none"> ● Represent subtraction ● Subtraction with drawings and equations ● Practice with subtraction ● Generate subtraction problems
Equation exploration	<ul style="list-style-type: none"> ● Relate addition and subtraction ● Mixed practice with equations ● Focus on mathematical practices
Counting on with addition situations	<ul style="list-style-type: none"> ● Explore unknowns

Unit Title	Guarantees
	<ul style="list-style-type: none"> ● Problems with unknown partners ● Solve equations with unknown partners ● Addition game: unknown partners ● Practice with unknown partners
Counting on with subtraction situations	<ul style="list-style-type: none"> ● Subtraction strategies ● Subtraction stories and games ● Practice with subtraction stories
Mixed story problems	<ul style="list-style-type: none"> ● Relate addition and subtraction situations ● Solve mixed problems ● Practice with mixed problems ● Focus on mathematical practices
Tens and teens	<ul style="list-style-type: none"> ● Introduction to tens groupings ● Explore teen numbers ● Represent and compare teen numbers ● Visualize teen addition ● Teen addition strategies ● Investigate doubles
Place value to 100	<ul style="list-style-type: none"> ● Understand tens and ones ● Integrate tens and ones ● Practice grouping ones into tens ● Add with groups of ten ● Practice with tens and ones ● Use place value to compare numbers
Addition strategies	<ul style="list-style-type: none"> ● Add tens or ones ● Mixed addition with tens and ones ● Counting on strategy: 2-digit numbers ● Practice with 2-digit numbers ● 2-digit addition games ● Focus on mathematical practices
Teen solution methods	<ul style="list-style-type: none"> ● Unknown partners with teen totals ● Subtraction with teen numbers ● Mixed practice with teen problems

Unit Title	Guarantees
	<ul style="list-style-type: none"> ● Small group practice with teen problems ● Teen problems with various unknowns ● Problems with three addends
Find patterns and relationships	<ul style="list-style-type: none"> ● Count with groups of 10 ● Numbers through 120 ● Add and subtract tens ● Add and subtract multiples of 10 ● Focus on mathematical practices
Represent and compare data	<ul style="list-style-type: none"> ● Explore representing data ● Organize categorical data ● Use stair steps to represent data ● Data sets with three categories ● Data collecting
Compare problem types	<ul style="list-style-type: none"> ● Introduce comparison bars ● Comparison bars and comparing language ● Solve compare problems ● Focus on mathematical practices
Tell and write time	<ul style="list-style-type: none"> ● Introduction to time ● Tell and write time in hours ● Time in our day ● Tell and write time in half-hours ● Practice telling and writing time
Shapes and equal shares	<ul style="list-style-type: none"> ● Squares and other rectangles ● Triangles and circles ● Equal shares ● Compose 2-dimensional shapes ● 3-dimensional shapes ● Compose 3-dimensional shapes
Measure and order by length	<ul style="list-style-type: none"> ● Order by length ● Measure with length units ● Focus on mathematical practices
Add 2-digit numbers	<ul style="list-style-type: none"> ● Explore 2-digit addition ● Methods of 2-digit addition

Unit Title	Guarantees
	<ul style="list-style-type: none"><li data-bbox="730 245 1083 272">● Addition of tens and ones<li data-bbox="730 280 1079 308">● Discuss solution methods<li data-bbox="730 316 1062 344">● Practice 2-digit addition<li data-bbox="730 352 1167 380">● Focus on mathematical practices