

Grade: 2nd

Unit Name: Addition and Subtraction Strategies (to 20)

Length of Unit: 19 days

**Question 1: What do we want students to learn and be able to do?**

**Step 1: Identify the essential standards for the unit.**

**Essential standards taught in this unit:**

Demonstrate fluency with addition and related subtraction facts through 20.

**Supporting Standards taught in this unit:**

Solve one- and two-step real-world/story problems using addition (as a joining action and as a part-part-whole action) and subtraction (as a separation action, finding parts of the whole, and as a comparison) through 99 with unknowns in all positions.

**Question 2 (summative/end of unit): How will we know if they have learned it? What evidence will tell us they meet the standards by the end of the unit?**

**Step 2: Discuss evidence of the end in mind (summative measure):** How will you know if students achieved these standards? What type of task could they perform or complete by the end of the unit? With what level of proficiency? With what type of problems or text?

Students will be given 10 addition problems and 10 subtraction problems to assess their ability to use strategies in order to find the sum or difference of a given equation. Students will be given 4 open-ended word problems (2 addition and 2 subtraction - add to, take from, part-part-whole, and compare) with sums/differences within 20.

*Scoring Scale:*

22-24 correct = 4

19-21 correct = 3

16-18 correct = 2

15 or below correct = 1

**Step 3: Share the specific learning targets (bite-size pieces of learning) that lead to students accomplishing the unit goals. Be sure to identify the main ideas emphasized in the unit.** (Notes: try to limit to no more than 5 per unit, use unwrapping standards template to guide you in creating learning targets)

Learning Targets (Step 3)	Assessment Items (Step 4)
Students will be able to correctly add facts within 10 fluently.	CFA - 8 problems
Students will be able to correctly add facts within 20 fluently.	CFA - 8 problems
Students will be able to solve word problems within 10 using addition.	
Students will be able to solve word problems	

within 20 using addition.	
Students will be able to correctly subtract facts within 10.	CFA - 8 problems
Students will be able to correctly subtract facts within 20.	CFA - 8 problems
Students will be able to solve word problems within 10 using subtraction.	
Students will be able to solve word problems within 20 using subtraction.	Summative

**Question 2.5 (formative/CFAs): Where in the unit does it make sense to see if our students are learning what we are teaching? What evidence will we collect along the way?**

**Step 4: Do the following -**

- Identify the specific learning targets that will be commonly assessed (formatively). Your team should collectively monitor learning targets that are typically challenging for students.
- Identify or develop brief but aligned assessment items that will provide usable evidence about students' understanding and skill. Discuss the level of proficiency you would expect for the assessment item or items.

**Step 5: Plan the sequence of instruction and the timing for common formative assessments.** As the team designs the plan, they should include the quality instructional practices that support high levels of student learning (What are the best instructional practices or strategies we will embed in this unit?)

Sequential Plan for Unit Instruction and Monitoring Learning			
Days	Lessons	Resources	Assessments <a href="#">Word Problem of the Day</a>
1-4	Give Pre-assessment. <b>Addition within 10 (including strategies)</b> Number Line, Picture, 10 Frame, Concrete Models, Fact Family, Doubles, Double -1, +1, Add Zero, Add 1	<a href="#">Seesaw of All Math Strategies to 10</a>	<a href="#">Pretest</a>  <a href="#">Day 4-Formative on Addition through 10</a>
5-8	<b>Subtraction within 10 (including strategies)</b> Number Line, Picture, 10 Frame, Fact Family, Doubles, Double -1, +1, Add Zero, Add 1		<a href="#">Day 8-Formative on Subtraction through 10</a>
9-12	<b>Addition within 20</b>		<a href="#">Day 12- Formative on Addition through 20</a>
13-16	<b>Subtraction within 20</b>		<a href="#">Day 16-Formative on Subtraction through 20</a>

17-18	<b>Review</b>		
19	<b>Post-assessment</b>		<a href="#">Post Assessment</a>

Notes: