- 3rd grade version goes through 3-digit by 3-digit numbers
- 4th grade version goes through 6-digit by 6-digit numbers

4th Grade Teachers

As I began to work on this second 4th Grade Math Unit, I knew that I wanted something a bit different from my typical math units. The content of this unit is a bit more procedural than in the other 3rd and 4th grade units as students will be applying the algorithm to add and subtract large numbers. Since addition and subtraction has been conceptually taught in kindergarten through third grades, I did not include highly conceptual or manipulative based lessons. Instead, I created a series of ten tasks that were engaging and had an emphasis on application and problem solving. I plan to spend two weeks on this unit, so I have created one task for each of the ten days. During the mini lesson, I will go over basic computation (beginning with addition and moving on toward subtraction). During the mini lesson, I will make note of any student struggling with the computation taught during class, and I will meet with those students in small groups of students during independent work time. As I meet with small groups, I will gradually remove students from the small group as they show understanding and confidence of the material. I did include formal lesson plans for each of the activities for those of us who need to turn in lesson plans☺. I have also included a general pacing guide, but this is just a suggestion. If you see students are more than ready to move to the next level, simply skip ahead to those larger numbers. I love leaving a few extra days to work on subtraction across zeroes, which is always challenging for students. I have also included extra practice sheets to use at your discretion. Feel free to differentiate for your students by using the 3rd grade version!

Unit at a Glance

Week 1	Lesson 1 Adding 3 Digit by 3 Digit Numbers Skill: Addition Practice 1	Lesson 2 Adding 4 Digit by 4 Digit Numbers Skill: Addition Practice 2	Lesson 3 Adding 5 Digit by 5 Digit Numbers Skill: Addition Practice 3	Lesson 4 Adding 6 Digit by 6 Digit Numbers Skill: Place Value 4	Lesson 5 Subtracting 2 Digit by 2 Digit Numbers Skill: Subtraction Practice 1
Week 2	Lesson 6 Subtracting 3 Digit by 3 Digit Numbers Skill: Subtraction Practice 2	Lesson 7 Subtracting 4 Digit by 4 Digit Numbers Skill: Subtraction Practice 3	Lesson 8 Subtracting 5 Digit by 5 Digit Numbers Skill: Subtraction Practice 4	Lesson 9 Subtracting 6 Digit by 6 Digit Numbers Skill: Subtraction Practice 5	Lesson 10 Subtracting Across Zeroes Skill: Subtraction Practice 6

4th Grade Version Table of Contents

3rd Grade Teachers

As I made this addition and subtraction unit for fourth grade students, I realized that my third grade students would have loved these activities! I didn't want to leave them out, so I have created an alternative third grade version that will be perfect for your third graders! Since this is not a part of my Third Grade Math Units, I did not include a pacing guide or formal lesson plans for third grade. I would suggest using this as a supplement to your current addition and subtraction unit. You can differentiate for your students by using the 4th grade version!

3rd Grade Version Table of Contents

Lesson 2: Adding 4 Digit Numbers	Materials: • individual dry erase boards and markers (optional) • addition and subtraction printables
Standard: 4.NBT.4 Fluently add and subtract multi-digit whole numbers using the standard algorithm.	

Mini-lesson

Review with students how to add 4-digit by 4-digit numbers. Students may use the traditional algorithm or any other strategy that allows them to fluently add or subtract numbers. Spend 10-15 minutes practicing together as a whole group. If possible, allow students to use dry erase boards or markers at their seat. If those are not available, have students use scrap paper. As students practice, monitor individual student progress. Take note of any student having a difficult time with accuracy or fluency with their addition or subtraction. Use this information to determine who you will meet with during work time.

Work Time

Allow students to work individually or with a partner. Students will work at their own pace to complete a variety of addition and subtraction activities. Each of the activities will incorporate a variety of large numbers ranging from 3 digit to 6 digit addition and subtraction. Students will be required to apply what they've learned in the mini lesson to real world application problems that require critical thinking.

Closing

Allow students to share their results with the class. Se
addition and subtraction strategies or students who y
articulate their learning process for the activity.

Intervention	Extension
• Allow students to complete a simplified version of the activity that uses smaller numbers.	• Have port acce
Essential Questions	Formative
• What strategies can I use to help me add and subtract larger numbers? • How do I know when I should add or subtract?	• Moni • Meet diffi of st

Formal Lesson Plans

Name _____

Addition Practice 4

785,567 +378,578	628,489 +298,438	837,478 +359,683
649,385 + 289,483	579,485 +388,485	786,438 +389,489
395,439 +247,485	568,495 +347,589	943,328 +456,793
693,489 +457,589	754,589 +645,478	895,895 +233,589

Skill Building Worksheets