

Unit Name:
Problem Types with Addition & Subtraction

2.NBT.7 Add and subtract within 1000, using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction; relate the strategy to a written method. Understand that in adding or subtracting three-digit numbers, one adds or subtracts hundreds and hundreds, tens and tens, ones and ones; and sometimes it is necessary to compose or decompose tens or hundreds.

2.NBT.9 Explain why addition and subtraction strategies work, using place value and the properties of operations.

Essential Vocabulary:

- fluent
- compose
- decompose
- place value
- digit
- add
- subtract
- addition
- subtraction

Unit Overview:

In this unit, Second Graders create and solve story problems involving 3-digit addition and subtraction. Students will discriminate between addition and subtraction situations and apply the appropriate operation using the many strategies they have learned in the previous units. For a list of story problem types, please click the link to the NCDPI Unpacking Document, which is located in the additional resources section.

Second graders explain why addition and subtraction strategies work as they apply their knowledge of place value and the properties of operations in their explanation. Once students have had an opportunity to solve a problem, the teacher provides time for students to discuss their strategies and why they did or didn't work.

Strategies/Skills:

Students will use the various solution strategies/skills listed in the previous units on addition and subtraction to solve story problems. Students who focus on writing an equation to match the situation, demonstrate a clearer understanding of the story problem, which usually leads them to the correct solution.

Video Support:

No videos are referenced for this unit.

Additional Resources:

If you have limited/no internet access, please contact your child's teacher for hard copies of the resources listed in this document.

- NCDPI Unpacking Document: [2nd Grade Unpacking Document](#)
- Please visit the Kahn Academy website at www.khanacademy.org for additional videos and activities. Look under the *Early Math* tab.
- Please visit the Learn Zillion website at www.learnzillion.com to find 2nd Grade math lessons and videos that align with Common Core Standards.