

Differentiated Learning

Grade Level: 2nd

Topic: 9

Domain Covered: Number and Operations in Base 10

Clusters:

Use place value understanding and properties of operations to add and subtract.

Content Standards:

2.NBT.5 Fluently add and subtract within 100 using strategies based on place value, properties of operations, and/or the relationship between addition and subtraction.

Learning Targets for this Unit

- Will regroup 1 ten as 10 ones when subtracting.
- Will use models to subtract a one-digit number from a two-digit number with or without regrouping.
- Subtract a one-digit number from a two-digit number with and without regrouping using the standard algorithm.
- Will use models to subtract two-digit numbers with and without regrouping.
- Use the standard subtraction algorithm to subtract a two-digit number from another two-digit number.
- Use number lines to model two-digit subtraction.
- Relate addition to subtraction by using one operation to check the other.
- Use different methods to solve two-digit subtraction problems.
- Solve two-question problems. They will select the operation to solve each question.

Practice Standards:

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and express regularity in repeated reasoning

Differentiated Activities

Advanced/Gifted:

pg. 253C

Quick Synopsis of Activity & Materials Needed-

Provide students with real life subtraction problems using two digits. Students will then come up with their own real life subtraction problems using two digits. We will make a class book of their problems for other students to figure out.

**Use story problem template similar to the one provided in topic 1.

Math Project

pg. 254

Quick Synopsis of Activity & Materials Needed-

Directions: Have students each find facts about different cities in Kansas. With a partner, have them compare facts they learned. They will write a number sentence and illustrate a symbol that represents the common fact. They will then write a statement comparing the two facts.

Materials Needed:

- Resources to find information about cities in our state
- Topic 9 Math Project recording page
- Crayons/Markers/Colored Pencils
- Pencil

Math and Literature:

pg. 253D

Quick Synopsis of Activity & Materials Needed-

In a Smart Board lesson, students will solve two digit subtraction problems while deciding if regrouping is needed. They will manipulate fish to show their thinking.

Materials Needed:

- Smart Notebook file
- Book: Shark Swimathon by Stuart J. Murphy

Topic 9 : Math Project Name _____



My City	Fact
My Friend's City	Fact

Picture:

A large empty rectangular box for drawing a picture.

subtraction sentence
