

Jan. Gr.1 Unit 6: Two digit addition and subtraction

Content Area: **Math**
Course(s):
Time Period: **January**
Length: **4-5Weeks**
Status: **Published**

Unit Overview

The students will learn how to do two digit addition and subtraction.

Enduring Understandings

We can add groups of 10.

We can count by tens or by ones to solve a two digit addition problem.

Regrouping helps us to add two digit numbers.

We can subtract 10s to find the difference.

We can use a number line to count back by tens.

Essential Questions

How can I add and subtract two digit numbers?

Instructional Strategies & Learning Activities

Math Chapter 6

- **Pacing Guide**
Suggested Pacing

Instruction	12 days
Review/Assessment	2 days
Total*	14 days

- *Includes additional time for remediation and differentiation.

Lesson	Objective	Material & Manipulatives	Vocabulary	Standard
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				1.NBT.4
				Major Cluster
Lesson 1 <i>pp.</i> 447-452 Add Tens	Add tens within 100.	<ul style="list-style-type: none"> • base-ten blocks • hundred chart • write-on/wipe-off board 	<i>All of the vocabulary in this chapter are review words.</i>	MP 2, 3, 4, 5, 7, 8 1.NBT.4
				Major Cluster
Lesson 2 <i>pp.</i> 453-458 Count On Tens and Ones	Count on by tens and ones to find sums within 100.	<ul style="list-style-type: none"> • base-ten blocks • hundred chart • counters 		MP 1, 2, 3, 6, 8 1.NBT.4
				Major Cluster
Lesson 3 <i>pp.</i> 459-464 Add Tens and Ones	Add tens and ones to find sums within 100.	<ul style="list-style-type: none"> • base-ten blocks • Work Mat 7 • hundred chart • number cards 		MP 1, 2, 3, 5, 6, 8 1.NBT.4
				Major Cluster
Lesson 4 <i>pp.</i> 465-470 Problem-Solving Strategy: Guess, Check, and Revise	Guess, check, and revise to solve problems.	<ul style="list-style-type: none"> • write-on/wipe-off boards 		MP 1, 2, 3, 6, 7 1.NBT.4
				Major Cluster
Lesson 5 <i>pp.</i> 471-476 Add Tens and Ones with Regrouping Check My Progress	Add tens and ones to find the sum with regrouping.	<ul style="list-style-type: none"> • base-ten blocks • write-on/wipe-off board • Work Mat 7 • cubes 		MP 1, 4, 5, 6, 8 1.NBT.6
				Major Cluster
Lesson 6 <i>pp.</i> 479-484 Subtract Tens	Subtract tens to find the difference.	<ul style="list-style-type: none"> • base-ten blocks • number cubes • blank number lines 		MP 2, 3, 4, 5, 6, 7, 8 1.NBT.6
				Major Cluster
Lesson 7 <i>pp.</i> 485-490 Count Back by 10s	Use a number line to count back by tens to subtract.	<ul style="list-style-type: none"> • number lines • cubes 		Major Cluster

MP
1, 3, 5, 7
1.NBT.6

Major
Cluster

Lesson 8 *pp. 491-496*
Relate Addition and
Subtraction of Tens
My Review and Reflect

Relate addition and
subtraction facts to • base-ten blocks
solve problems. • index cards

MP
1, 2, 3, 4,
7, 8

- **Chapter 6: Targeted Strategic Intervention**
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- **Differentiated Instruction**
- **What's the Math in This Chapter?**
- **Reading Connections**

Integration of Career Readiness, Life Literacies and Key Skills

Students will establish and follow rules, routines, and responsibilities throughout the year.

Critical thinkers must first identify a problem then develop a plan to address it to effectively solve the problem.

TECH.9.4.2.CI.1

Demonstrate openness to new ideas and perspectives (e.g., 1.1.2.CR1a, 2.1.2.EH.1, 6.1.2.CivicsCM.2).

Brainstorming can create new, innovative ideas.

TECH.9.4.2.CT.2

Identify possible approaches and resources to execute a plan (e.g., 1.2.2.CR1b, 8.2.2.ED.3).

TECH.9.4.2.CI.2

Demonstrate originality and inventiveness in work (e.g., 1.3A.2CR1a).

WRK.9.2.2.CAP.1

Make a list of different types of jobs and describe the skills associated with each job.

TECH.9.4.2.CT.3

Use a variety of types of thinking to solve problems (e.g., inductive, deductive).

Different types of jobs require different knowledge and skills.

Technology And Design Integration

Students will interact with the textbook/workbooks on the Smartboard throughout My Math Lessons.

Students will engage in lessons on Dreambox, an interactive Math program that allows progress at a students own pace through the Standards in Math for Grade 1.

Individuals use computing devices to perform a variety of tasks accurately and quickly. Computing devices interpret and follow the instructions they are given literally.

Interdisciplinary Connections

Students will use leveled books to reinforce and extend problem-solving skills and strategies.

LA.RI.1.1	Ask and answer questions about key details in a text.
LA.RI.1.7	Use the illustrations and details in a text to describe its key ideas.
LA.SL.1.1	Participate in collaborative conversations with diverse partners about grade 1 topics and texts with peers and adults in small and larger groups.

Differentiation

Each My Math unit throughout the series offers "approaching level", "on level" and "Beyond level" differentiated instructional hands-on choices, as well as ELL differentiated support. Please refer to the teacher edition for the activities.

Modifications & Accommodations

IEP and 504 accommodations will be followed.

Formative Assessments

Teacher observation

Student conferences

Discussion

Activities

games

homework

Benchmark Assessments

Aimsweb benchmark testing three times a year in math.

Summative Assessments

My Math chapter assessments.

Instructional Materials

See materials listed in the above lesson plans.

Standards

MA.1.NBT.C.6	Subtract multiples of 10 in the range 10-90 from multiples of 10 in the range 10-90 (positive or zero differences), 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 and explain the reasoning used.
MA.1.NBT.C.4	Add within 100, including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10, using concrete models (e.g., base ten blocks) 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 and explain the reasoning used. Understand that in adding two-digit numbers, one adds tens and tens, ones and ones; and sometimes it is necessary to compose a ten.