

P.Cert.K : Unit 7: Add and Sub 11-19

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

Unit Overview

Students will learn to Compose and Decompose numbers 11 to 19.

Enduring Understandings

You compose numbers 11 to 19 by putting 10 and some more together.

You decompose by separating 10 and some more to see how numbers 11 to 19 are taken apart.

Essential Questions

How can we use ten frames to determine how to make numbers 11 to 19?

How do we separate 10 and some more to see how numbers 11 to 19 are taken apart?

Instructional Strategies & Learning Activities

My Math Kindergarten Chapter 7

Pacing Guide

Suggested Pacing

Instruction	9 days
Review/Assessment	2 days
Total*	11 days

*Includes additional time for remediation and differentiation.

Lesson	Objective	Material & Manipulatives	Vocabulary	Standard
Lesson 1 pp. 443-448 Make Numbers 11 to 15	Compose numbers 11 to 15 using concrete objects and drawings to show a group of 10 and some more.	<ul style="list-style-type: none">• Work Mat 4• two-color counters	<i>All of the vocabulary in this chapter are review words.</i>	K.NBT.1 Major Cluster

Lesson 2 pp. 449-454 Take Apart Numbers 11 to 15	Decompose numbers 11 to 15 using concrete objects and drawings to show a group of 10 and some more.	<ul style="list-style-type: none"> • Work Mat 4 • red counters 	<p>MP 2, 3, 5, 6, 7, 8 K.NBT.1</p> <p>Major Cluster</p>
Lesson 3 pp. 455-460 Problem-Solving Strategy: Make a Table	Make a table to solve problems.	<ul style="list-style-type: none"> • purple and yellow connecting cubes • chart paper • red and blue tiles 	<p>MP 2, 3, 6, 7 K.NBT.1</p> <p>Major Cluster</p>
Check My Progress			MP 1, 4, 5, 6
Lesson 4 pp. 463-468 Make Numbers 16 to 19	Compose numbers 16 to 19 using concrete objects and drawings to show a group of 10 and some more.	<ul style="list-style-type: none"> • Work Mat 4 • two-color counters 	<p>K.NBT.1</p> <p>Major Cluster</p>
Lesson 5 pp. 469-474 Take Apart Numbers 16 to 19	Decompose numbers 16 to 19 using concrete objects and drawings to show a group of 10 and some more.	<ul style="list-style-type: none"> • Work Mat 4 • red counters 	<p>MP 1, 4, 5, 6, 7, 8 K.NBT.1</p> <p>Major Cluster</p>
My Review and Reflect			MP 1, 2, 3, 4, 6, 7

Integration of 21st Century Themes and Career Exploration

CRP.K-12.CRP2	Apply appropriate academic and technical skills.
CRP.K-12.CRP4	Communicate clearly and effectively and with reason.
CRP.K-12.CRP8	Utilize critical thinking to make sense of problems and persevere in solving them.
CRP.K-12.CRP1	Act as a responsible and contributing citizen and employee.

Technology Integration

Utilize programs on the iPad.

Use of Shutterfly Share Site.

Smartboard lessons and technology

Interdisciplinary Connections

LA.RF.K.1	Demonstrate understanding of the organization and basic features of print.
LA.RF.K.2	Demonstrate understanding of spoken words, syllables, and sounds (phonemes).
LA.RI.K.1	With prompting and support, ask and answer questions about key details in a text.
LA.RF.K.3	Know and apply grade-level phonics and word analysis skills in decoding and encoding words.
LA.RI.K.2	With prompting and support, identify the main topic and retell key details of a text.
LA.RI.K.4	With prompting and support, ask and answer questions about unknown words in a text.
LA.RI.K.7	With prompting and support, describe the relationship between illustrations and the text in which they appear (e.g., what person, place, thing, or idea in the text an illustration depicts).

Differentiation

Each chapter in My Math teacher manual contains differentiated instruction for Approaching level, On Level and Above level students.

Modifications & Accommodations

I&RS and 504 accommodations will be utilized in addition to the differentiated instruction in the Unit.

Benchmark Assessments

Check My Progress

Formative Assessments

Teacher observation

Discussion

Worksheets

Summative Assessments

Assessments for chapters located in My Math Unit.

Instructional Materials

See above

Standards

MA.K.NBT.A.1

Compose and decompose numbers from 11 to 19 into ten ones and some further ones, e.g., by using objects or drawings, and record each composition or decomposition by a drawing or equation (e.g., $18 = 10 + 8$); understand that these numbers are composed of ten ones and one, two, three, four, five, six, seven, eight, or nine ones.