Lucky to Learn MATH

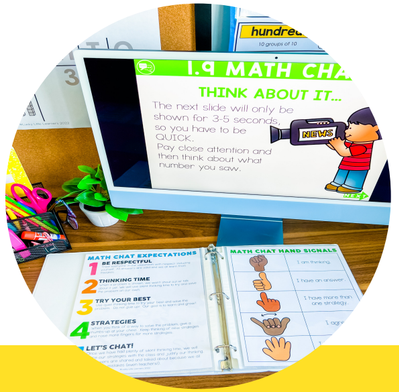
SECOND GRADE

UNIT ONE PLACE VALUE

SCROLL

Why?

This is the hands-on, standards-aligned, collaborative, and engaging place value unit you've been looking for! This resource can also be used as a supplement to other math programs.



Is your current math curriculum dull and lifeless?

This unit is so engaging! It has community helper themed lessons to pique student interest, while also ensuring they master the math.

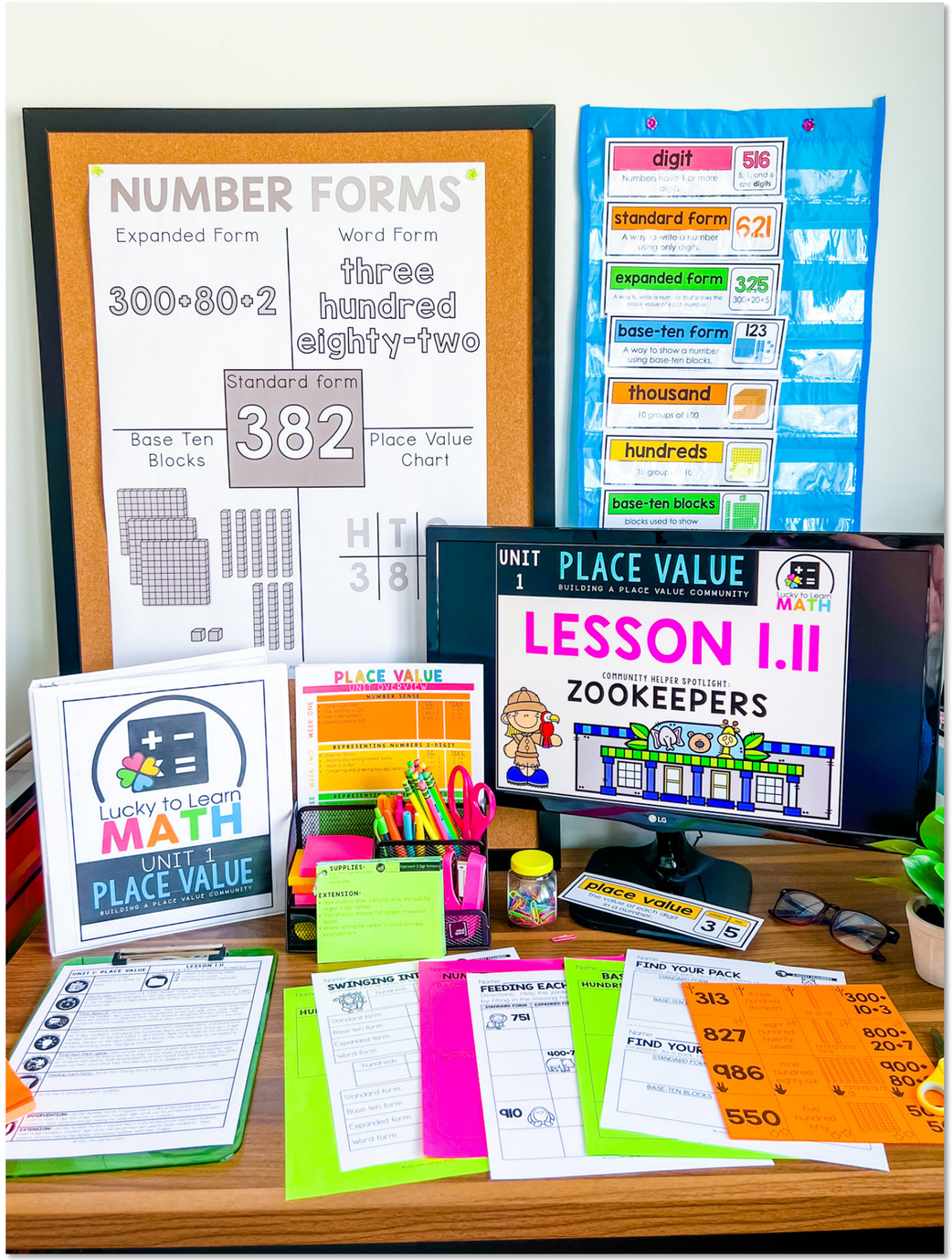
Looking for resources that are easy to prep?

The lesson plans include icons to help you choose which activities to use during the day, and teaching slides that guide you & your students through the lesson.

Wanting your students to love math?

The math block routine will scaffold and guide students to gain deep levels of understanding, feel successful, and love math!


PERFECT FOR
MATH BLOCK
NUMBER TALKS
SUPPLEMENTAL PRACTICE
INTERVENTIONS
NUMBER SURGERY GAME
PLAYER 1
PLAYER 2
UNDERSTANDING
MENTAL MATH +/- 1, 10, 100
428
257
135
WELLNESS CHECK CHART
MENTAL MATH HEXAGON
100 LESS
1 LESS
1 MORE
10 LESS
10 MORE
100 MORE
NUMBER
525
624
626
625
615
635
UNIT 1: PLACE VALUE
INTERVENTION:



WHAT'S INCLUDED?

- Teaching slides
- Lesson plans
- Warm-ups
- Math chats
- Mini lessons
- Collaborations
- Worksheets
- Differentiation
- And SO much more!

SKILLS INCLUDED

Aligned to CCSS & TEKS

PLACE VALUE

UNIT OVERVIEW

WEEK ONE — NUMBER SENSE

	CC:	TEKS:
• Using a 120 chart • Skip counting to 120 • Even/Odd numbers • Counting beyond 120	2.NBT.1 2.NBT.2 2.OA.3	2.2a 2.7a 2.7b

WEEK TWO — REPRESENTING NUMBERS 2-DIGIT

	CC:	TEKS:
• Base ten blocks • Reading and Writing number forms • Value of a digit • Comparing and ordering two digit numbers	2.NBT.1 2.NBT.3 2.NBT.4	2.2a 2.2b 2.2c 2.2d

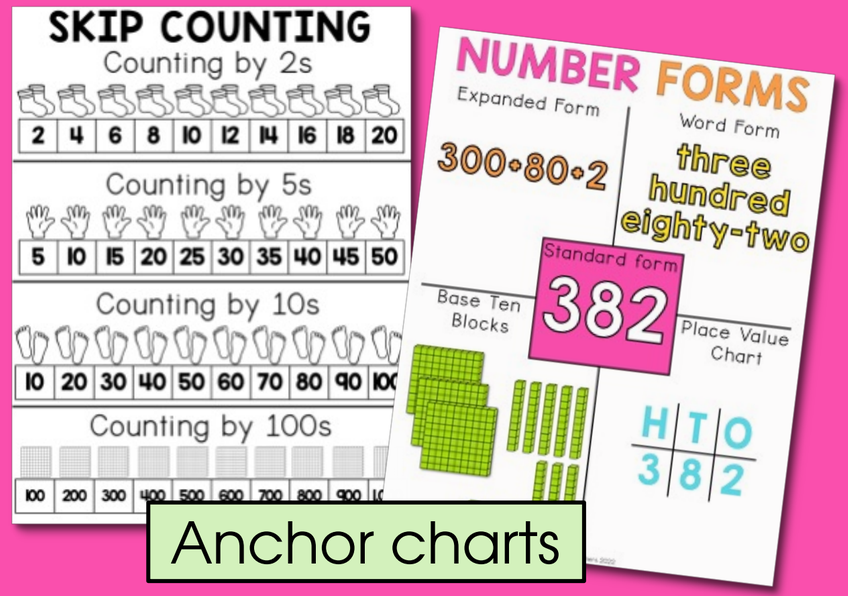
WEEK THREE — REPRESENTING NUMBERS 3-DIGIT

	CC:	TEKS:
• Forms of a number up to 1,000 • Compose 100s from 10s • Value of a digit • Number lines • Comparing and ordering three digit numbers • Skip Counting to 1,000	2.NBT.1 2.NBT.1a 2.NBT.1b 2.NBT.2 2.NBT.3 2.NBT.4	2.2b 2.2c 2.2d 2.2e 2.2f

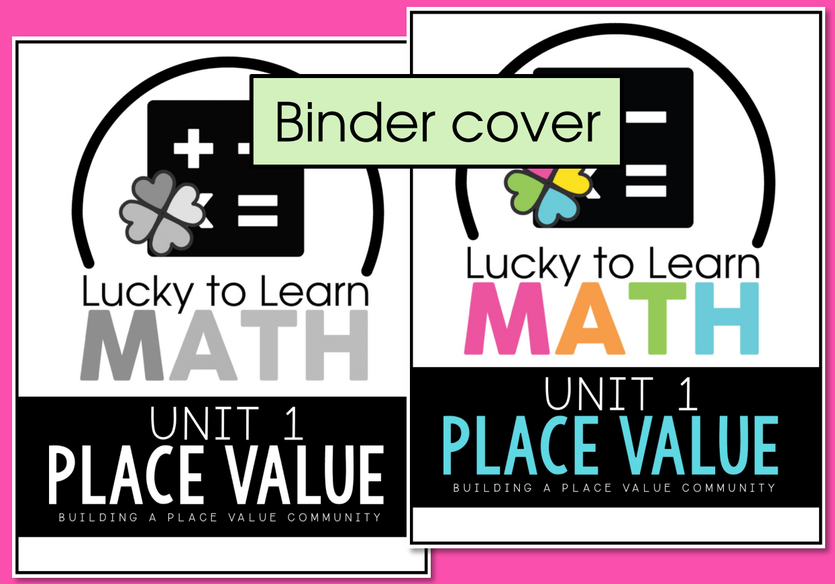
WEEK FOUR — PLACE VALUE REVIEW

	CC:	TEKS:
• Mental math (+/- 1, 10, 100) • Word form, expanded form, standard form, and base ten • Even/odd up to 1000 • Comparing and ordering numbers	2.NBT.1 2.NBT.1b 2.NBT.2 2.NBT.3 2.NBT.4 2.OA.3	2.2a 2.2b 2.2c 2.2d 2.7a 2.7b

UNIT MATERIALS

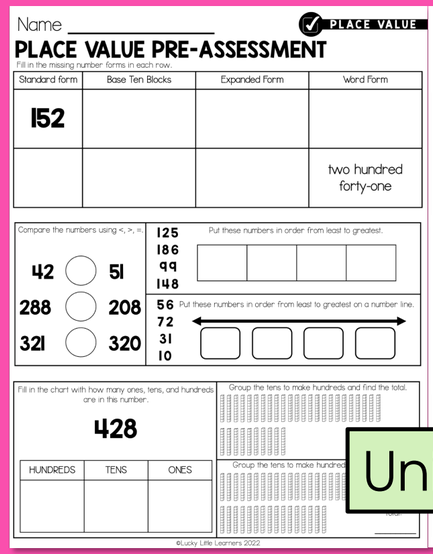


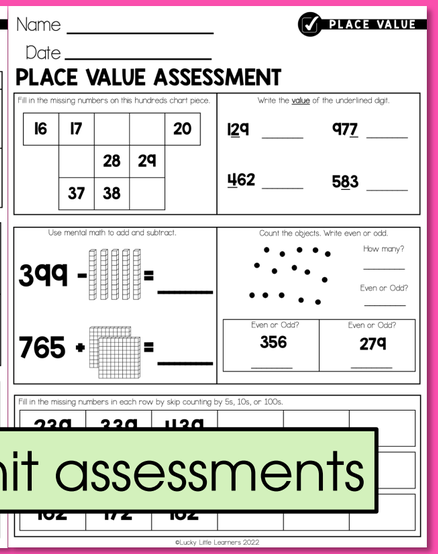
Anchor charts



Binder cover

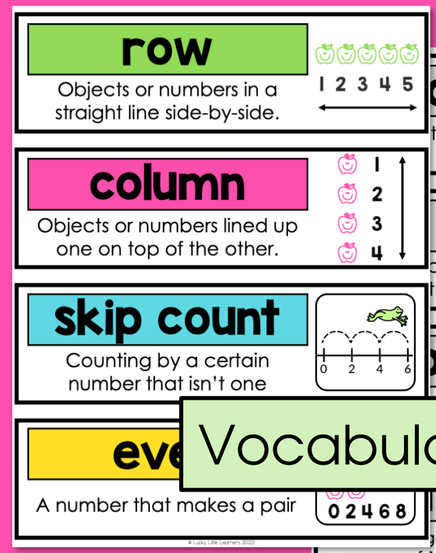
Original songs

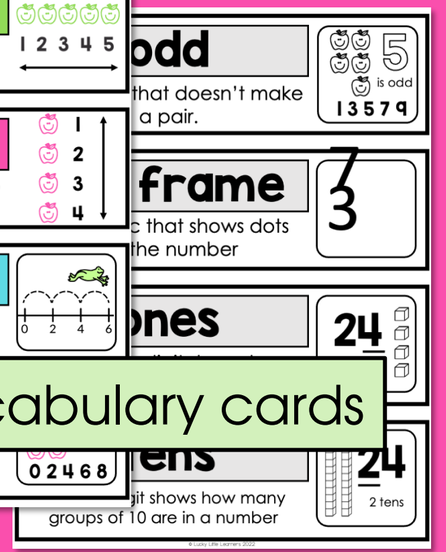




Unit assessments

Craftivities





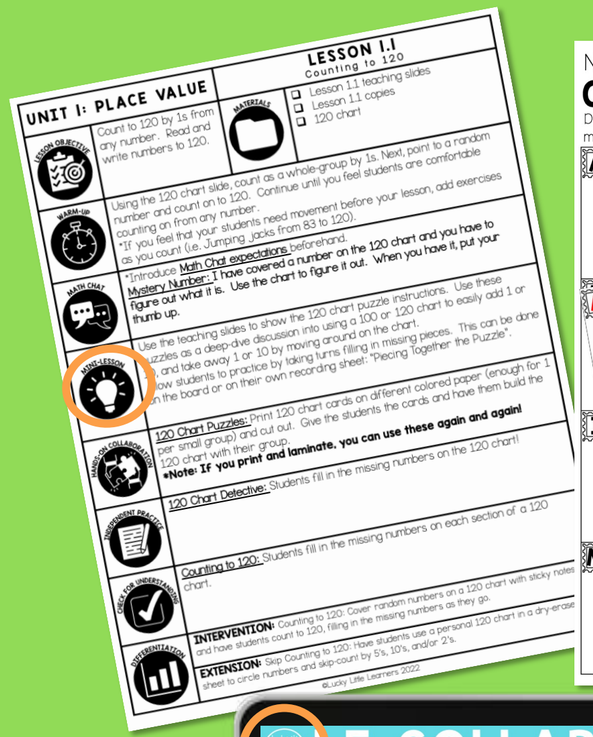
Vocabulary cards

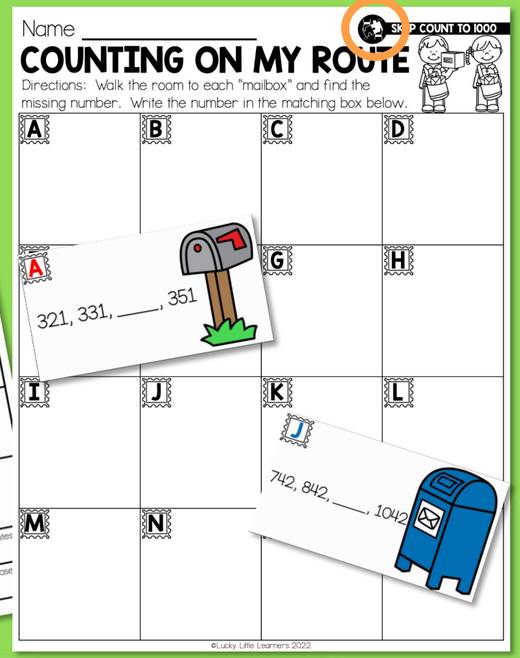
MATH UNIT ICONS

These icons are on each piece of the curriculum to help you stay organized and help students learn the routine!

ICON KEY

OBJECTIVE	MATERIALS	WARM UP	MINI LESSON	MATH CHAT
HANDS-ON COLLABORATION	INDEPENDENT PRACTICE	CHECK FOR UNDERSTANDING	DIFFERENTIATION	BONUS





LESSON PLANS

Clear lesson objective

Teaching slides included for each part of the lesson

List of materials

Quick warm-up in each lesson

Math chat (number talk) in each lesson

Skill-focused mini lesson

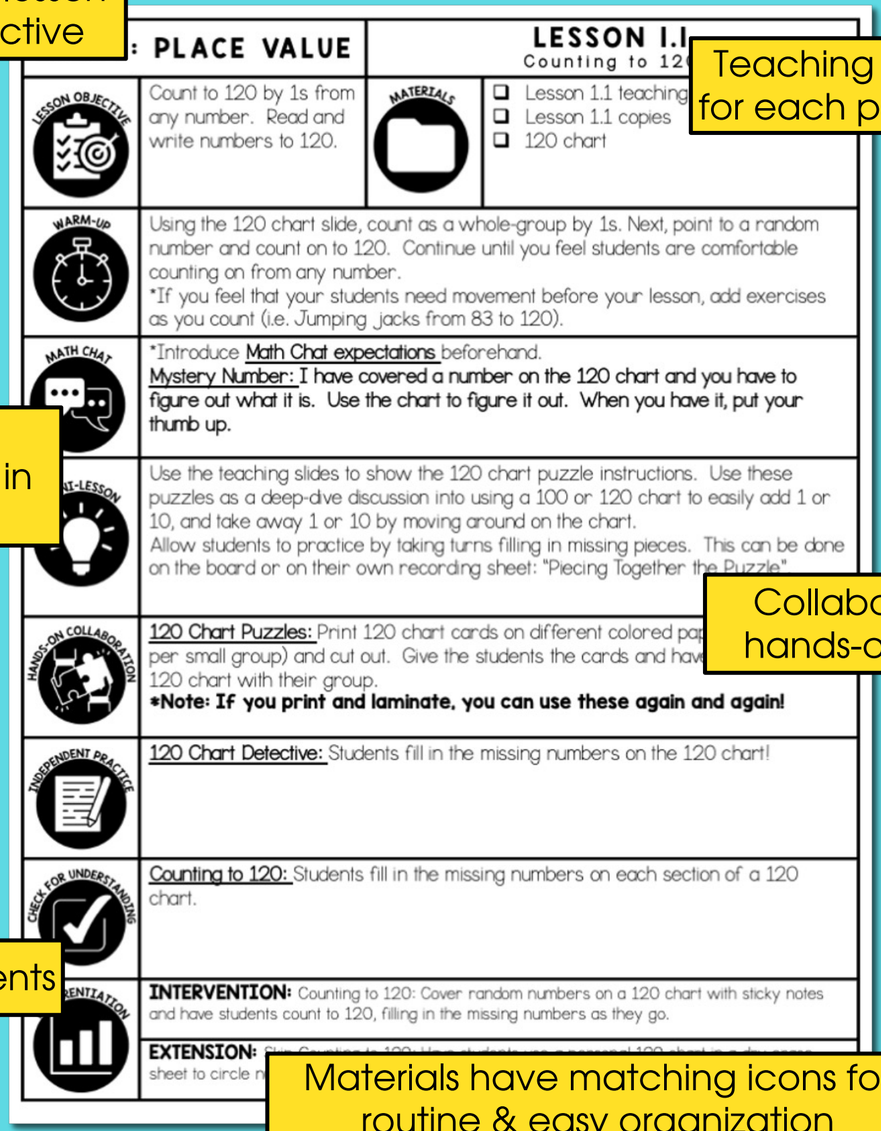
Collaborative hands-on tasks

Independent practice

Quick assessments

Differentiation options

Materials have matching icons for routine & easy organization


: PLACE VALUE

LESSON I.I
Counting to 12

LESSON OBJECTIVE
Count to 120 by 1s from any number. Read and write numbers to 120.

MATERIALS
- ❑ Lesson 1.1 teaching
- ❑ Lesson 1.1 copies
- ❑ 120 chart

WARM-UP
Using the 120 chart slide, count as a whole-group by 1s. Next, point to a random number and count on to 120. Continue until you feel students are comfortable counting on from any number.
*If you feel that your students need movement before your lesson, add exercises as you count (i.e. Jumping Jacks from 83 to 120).

MATH CHAT
*Introduce Math Chat expectations beforehand.
Mystery Number: I have covered a number on the 120 chart and you have to figure out what it is. Use the chart to figure it out. When you have it, put your thumb up.

MINI-LESSON
Use the teaching slides to show the 120 chart puzzle instructions. Use these puzzles as a deep-dive discussion into using a 100 or 120 chart to easily add 1 or 10, and take away 1 or 10 by moving around on the chart.
Allow students to practice by taking turns filling in missing pieces. This can be done on the board or on their own recording sheet: "Piecing Together the Puzzle"

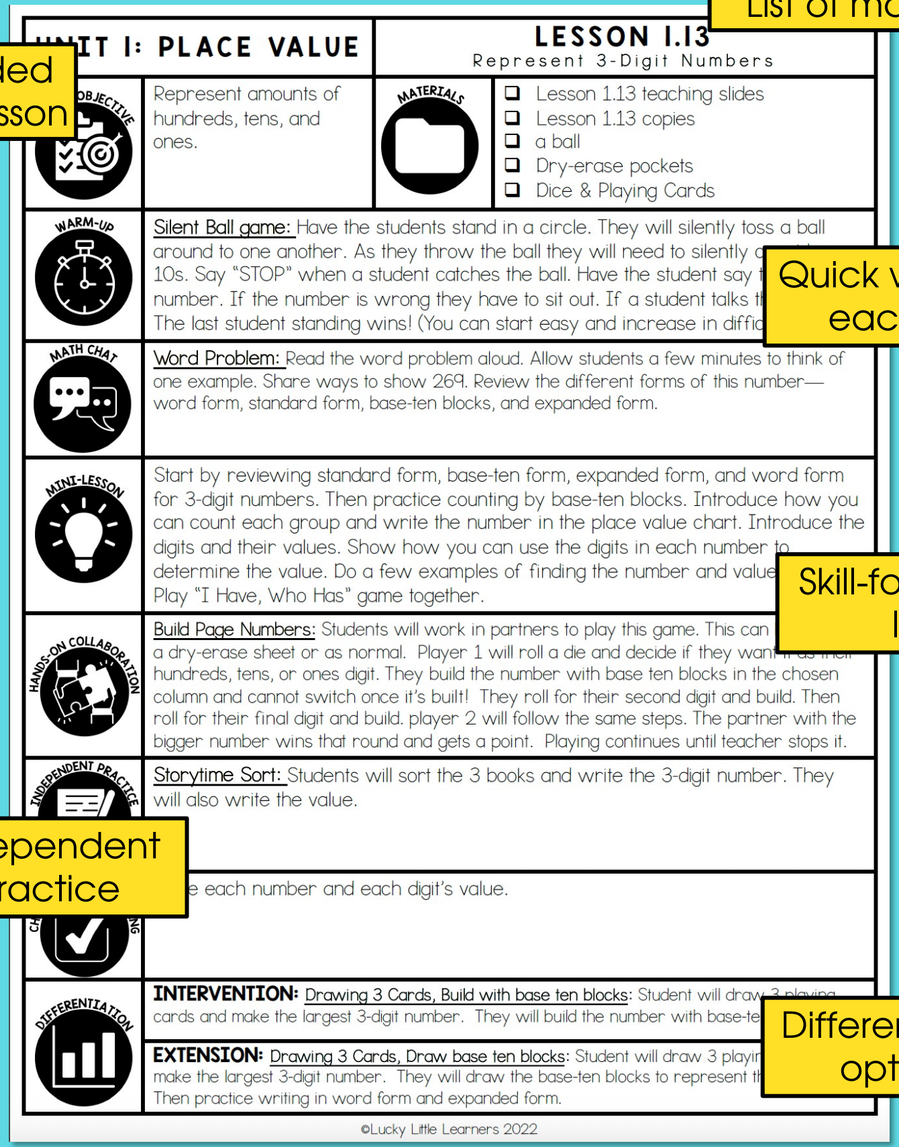
HANDS-ON COLLABORATION
120 Chart Puzzles: Print 120 chart cards on different colored pap
per small group) and cut out. Give the students the cards and hav
120 chart with their group.
***Note: If you print and laminate, you can use these again and again!**

INDEPENDENT PRACTICE
120 Chart Detective: Students fill in the missing numbers on the 120 chart!

CHECK FOR UNDERSTANDING
Counting to 120: Students fill in the missing numbers on each section of a 120 chart.

DIFFERENTIATION
INTERVENTION: Counting to 120: Cover random numbers on a 120 chart with sticky notes and have students count to 120, filling in the missing numbers as they go.

EXTENSION: Skip Counting to 120: Have students use a recorded 120 chart on a dry erase sheet to circle n


IT I: PLACE VALUE

LESSON I.13
Represent 3-Digit Numbers

LESSON OBJECTIVE
Represent amounts of hundreds, tens, and ones.

MATERIALS
- ❑ Lesson 1.13 teaching slides
- ❑ Lesson 1.13 copies
- ❑ a ball
- ❑ Dry-erase pockets
- ❑ Dice & Playing Cards

WARM-UP
Silent Ball game: Have the students stand in a circle. They will silently toss a ball around to one another. As they throw the ball they will need to silently c
10s. Say "STOP" when a student catches the ball. Have the student say t
number. If the number is wrong they have to sit out. If a student talks t
The last student standing wins! (You can start easy and increase in diffic

MATH CHAT
Word Problem: Read the word problem aloud. Allow students a few minutes to think of one example. Share ways to show 269. Review the different forms of this number—word form, standard form, base-ten blocks, and expanded form.

MINI-LESSON
Start by reviewing standard form, base-ten form, expanded form, and word form for 3-digit numbers. Then practice counting by base-ten blocks. Introduce how you can count each group and write the number in the place value chart. Introduce the digits and their values. Show how you can use the digits in each number to determine the value. Do a few examples of finding the number and value
Play "I Have, Who Has" game together.

HANDS-ON COLLABORATION
Build Page Numbers: Students will work in partners to play this game. This can
a dry-erase sheet or as normal. Player 1 will roll a die and decide if they want
hundreds, tens, or ones digit. They build the number with base ten blocks in the chosen column and cannot switch once it's built! They roll for their second digit and build. Then roll for their final digit and build. player 2 will follow the same steps. The partner with the bigger number wins that round and gets a point. Playing continues until teacher stops it.

INDEPENDENT PRACTICE
Storytime Sort: Students will sort the 3 books and write the 3-digit number. They will also write the value.

CHECK FOR UNDERSTANDING
e each number and each digit's value.

DIFFERENTIATION
INTERVENTION: Drawing 3 Cards, Build with base ten blocks: Student will draw 3 playing cards and make the largest 3-digit number. They will build the number with base-te

EXTENSION: Drawing 3 Cards, Draw base ten blocks: Student will draw 3 playin
make the largest 3-digit number. They will draw the base-ten blocks to represent t
Then practice writing in word form and expanded form.

Weekly Email FREEBIES!

Grab a cup of coffee and take a few minutes with our weekly newsletter created just for teachers like you.

SCAN HERE!

About Lucky Little Learners

Angie Olson has many years of classroom experience teaching grades kindergarten, first, and second grade. She earned her master's degree in mathematics and has presented for a variety of conferences at the national, state, and local levels. Over the years, Angie has employed teachers to help with Lucky Little Learners. She is proud of her talented team who strives to support the teaching community with her. Lucky Little Learners has created over 25,000 resources that are available in the All Access membership. Lucky Little Learners is also a top seller on Teachers Pay Teachers.