

FIRST GRADE

MATH



PLACE VALUE

**KEEP SCROLLING TO
TAKE A LOOK INSIDE
THIS RESOURCE!**

Why?

Lucky to Learn MATH

This is the hands-on, standards-aligned, collaborative, and engaging math resource you've been looking for!

This resource can be used as a supplement to any math program, or as a complete curriculum.

Includes: teaching slides, lesson plans, math chats, mini lessons, collaborations, worksheets, assessments, exit tickets, anchor charts, and more!

Is your current math curriculum dull and lifeless?

These units are engaging! They include themed lessons to pique student interest, while also ensuring they master the math standards.

1

2

3

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!

Looking for resources that are easy to prep?

The activities are low-prep or no-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.



PERFECT FOR...

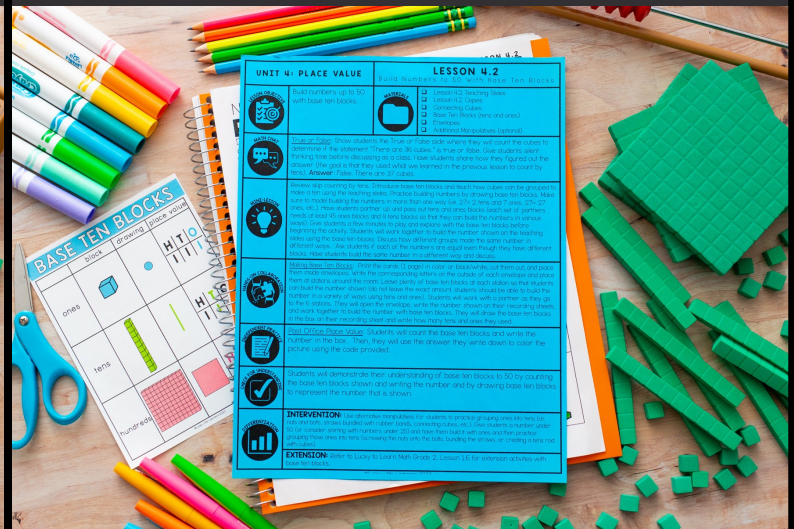
Math block

Supplemental practice



Hands-on learning

Easy lesson planning



Number talks

Social Studies integration



UNIT MATERIALS



Anchor Charts

Binder cover

NUMBER FORMS

Numbers can be represented in a variety of ways.

Expanded Form: $30+6$

Word Form: thirty-six

Standard form: **36**

Base Ten Blocks:

Place Value Chart:

T	O
3	6

NUMBER FORMS

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T	O
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Lucky to Learn
MATH

UNIT 4
PLACE VALUE

BUILDING A PLACE VALUE COMMUNITY

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UNIT 4
PLACE VALUE

BUILDING A PLACE VALUE COMMUNITY

Pre & Post Assessment

Collaborative Games

Name _____ Date _____

PLACE VALUE PRE-ASSESSMENT

Fill in the missing numbers on the chart.

13	15	16
22	24	25
32	33	34
36		

Write the value of each underlined digit.

35 _____

67 _____

119 _____

Use mental math to add or subtract.

$42 + \underline{\quad} = \underline{\quad}$

$84 - \underline{\quad} = \underline{\quad}$

Compare these numbers using $<$, $>$, or $=$.

$36 \bigcirc 36$

$88 \bigcirc 92$

$74 \bigcirc 57$

Finish the pattern by counting by 2s.

2	4	8	
14		20	24

Finish the pattern by counting by 5s.

5	15	25	
	40	50	60

Name _____ Date _____

PLACE VALUE PRE-ASSESSMENT

Fill in the missing number forms in each row.

Standard form	Base Ten Blocks	Expanded Form	Word Form
76		$20+9$	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Fill in the chart with how many ones, tens, and hundreds are in the number.

118

HUNDREDS	TENS	ONES
<input type="text"/>	<input type="text"/>	<input type="text"/>

Solve the word problem and show your thinking by filling in the number sentence.

Joe has 46 cards. Sue has 30 cards. How many cards do they have in all?

$\underline{\quad} + \underline{\quad} = \underline{\quad}$

Put the numbers in order from greatest to least.

19	64	<input type="text"/>	<input type="text"/>
38	25	<input type="text"/>	<input type="text"/>

Put the numbers in order from least to greatest.

43	80	<input type="text"/>	<input type="text"/>
44	57	<input type="text"/>	<input type="text"/>

FINDING OUR PLACE IN THE COMMUNITY

Directions: Roll a die and move that many spaces. Place a game token on the community helper with the value of the underlined digit on the space you land on. If there is already a token on that home, you lose a turn. The player that covers the last community helper is the winner!

SCOOT AROUND THE SHOP

Directions: Take turns rolling a die. Move your counter that number of spaces. State the number shown on the value of the underlined digit. If you are correct, you stay on your spot. If you are incorrect, you lose your next turn. The first player to scoot around the shop wins!

Craftivity

Independent Work

Directions: Print on white paper, color, and cut out the pieces. Glue the pieces onto the bottom of the construction paper and the feet to the back of the construction paper. Complete and glue the Place Value M.V.H. paper to the center of the construction paper.

PLACE VALUE M.V.H. MOST VALUABLE HELPER

STANDARD FORM	EXPANDED FORM						
<input type="text"/>	<input type="text"/>						
BASE TEN BLOCKS	WORD FORM						
<input type="text"/>	<input type="text"/>						
PLACE VALUE CHART	MORE AND LESS						
<table border="1"><tr><td>H</td><td>T</td><td>O</td></tr><tr><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr></table>	H	T	O	<input type="text"/>	<input type="text"/>	<input type="text"/>	1 more is <input type="text"/> 10 more is <input type="text"/>
H	T	O					
<input type="text"/>	<input type="text"/>	<input type="text"/>					
	1 less is <input type="text"/> 10 less is <input type="text"/>						

A valuable community helper is a _____

They are valuable to a community because _____

Name _____

Name _____

VALUABLE SCHOOL STAFF MEMBER

Directions: Help complete each school badge by cutting and gluing it member with the base ten blocks that show the value of the underlined digit.

STAFF MEMBER	<u>1</u> 3	STAFF MEMBER	<u>2</u> 6
STAFF MEMBER	<u>4</u> 4	STAFF MEMBER	<u>3</u> 7
STAFF MEMBER	<u>2</u> 4	STAFF MEMBER	<u>1</u> 1
STAFF MEMBER	<u>1</u> 9	STAFF MEMBER	<u>4</u> 2

PICK THE PERFECT PLATE

Directions: Compare the two numbers in each box. Then, cut and glue the symbols into the correct spot.

23	68	76	17
98	103	110	110
35	35	120	113
89	42	45	59

$<$ $>$ $=$

PLACE VALUE

UNIT OVERVIEW

WEEK ONE

LESSON 4.1	I can count to 120 on a chart by 1s and 10s.
LESSON 4.2	I can build numbers up to 50 with base ten blocks.
LESSON 4.3	I can represent amounts of tens and ones in numbers up to 50.
LESSON 4.4	I can read and write numbers up to 50 in standard and expanded form.
LESSON 4.5	I can read and write numbers up to 50 in standard, expanded, word, and base ten form.

WEEK TWO

LESSON 4.6	I can build numbers up to 120 with base ten blocks.
LESSON 4.7	I can represent amounts of tens and ones in numbers up to 120.
LESSON 4.8	I can read and write numbers up to 120 in standard and expanded form.
LESSON 4.9	I can read and write numbers up to 120 in standard, expanded, word, and base ten form.
LESSON 4.10	I can compare numbers to 120 using the symbols $<$, $=$, and $>$.

WEEK THREE

LESSON 4.11	I can use mental math to add and subtract 1 and 10 with numbers up to 120.
LESSON 4.12	I can add multiples of ten to a 2-digit number with manipulatives.
LESSON 4.13	I can add tens and ones to a 2-digit number.
LESSON 4.14	I can subtract multiples of ten from a 2-digit number.
LESSON 4.15	I can add and subtract multiples of ten to solve word problems.

WEEK FOUR

LESSON 4.16	I can skip count by 2s and 5s.
LESSON 4.17	I can determine the value of a digit in numbers up to 120.
LESSON 4.18	I can represent numbers in a variety of ways.
LESSON 4.19	I can order numbers up to 120.
LESSON 4.20	I can read, represent, and compare numbers up to 120 using my understanding of place value.

MATH UNIT ICONS



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

UNIT 4: PLACE VALUE

Count to 120 on a chart by 1s and 10s.

LESSON 4.1
Counting by 1s and 10s On A 120 Chart

Materials:

- Lesson 4.1 Teaching Slides
- Lesson 4.1 Copies
- Connecting Cubes (10 per student)
- Ziplock Bags
- Colored Paper
- Construction Paper
- 100 Piece Puzzle (optional)

Math Chat: Mystery Number: Students will use silent thinking time to figure out which number is missing from the hundreds chart. Discuss as a class and listen to various strategies that students used to find the missing number. Answer: 24.

Mini Lesson: Review a 120 chart and what students learned about them from our number sense unit. Have students practice counting by 10s to 120. Introduce counting by tens using a 120 chart. Practice counting by tens to 120. Give each student 10 connecting cubes and have them group the cubes together to make a group of ten. Then, practice counting by tens by having students bring their group of ten to the front of the class. Do this to at least 120, but repeat this activity to make sure students are given ample opportunities to see skip counting modeled for them. This incorporates movement at them. If you feel like your student circle and go around in a circle with can get!

120 Chart Challenge: Print this paper on cardstock (using a d together), cut apart, and store build the chart with their num students use daily as a cente sense. Laminating the numb

Thank You, Police Puzzle: Sit under them as they cour pieces onto a piece of const

Students will demonstrate th missing numbers on the se

INTERVENTION: Use a 10k back of the puzzle in permanent. This is a great way to continue b

EXTENSION: Refer to Luck on using a 120 chart and skip

4.1 INDEPENDENT PRACTICE

LET'S SHOW WHAT WE KNOW!

THANK YOU POLICE PUZZLE

Directions: Cut out each of the 12 puzzle pieces below. Skip count by tens to put the pieces in order. Glue them onto a piece of construction paper and color the picture!

Thank You, Police Puzzle

- Cut out each of the 12 puzzle pieces.
- Skip count by tens to put the pieces in order from 10 to 120.
- Glue them onto a piece of construction paper and color the picture!

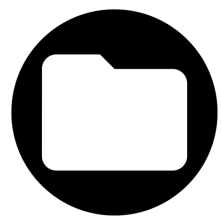


END OF DAY!

ICON KEY



OBJECTIVE



MATERIALS



MINI LESSON



MATH CHAT



HANDS-ON COLLABORATION



INDEPENDENT PRACTICE

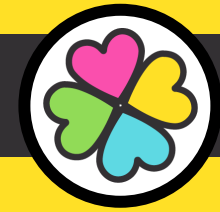


CHECK FOR UNDERSTANDING



DIFFERENTIATION

LESSON PLANS



Clear lesson objective

Teaching slides included for each part of the lesson

List of materials

Math chat (number talk) in each lesson

Skill-focused mini lesson






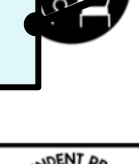


Collaborative hands-on tasks

Independent practice

Quick assessments

Materials have matching icons for routine & easy organization

Differentiation ideas

UNIT 4: PLACE VALUE		LESSON 4.5 Read and Write Numbers to 50 in All Forms	
	Read and write numbers up to 50 in standard, expanded, word, and base ten forms.		<input type="checkbox"/> Lesson 4.5 Teaching Slides <input type="checkbox"/> Lesson 4.5 Copies <input type="checkbox"/> Dry-Erase Supplies
	Math is Fun: Show students the Math is Fun slide and read the problem aloud to them. "Two fire stations had a competition to see who could put out the most fires. Who won the competition?". Students are shown two numbers in expanded form. Give them silent thinking time before discussing as a class. Answer: Station B had 49 and Station A 45, so Station B is the winner.		
	Review standard form and expanded form with students, focusing primarily on word form since we have all standard, expanded, base ten, and even place value charts. Use the Number Form Mat in a dry-erase pocket (or laminated), and dry-erase supplies. Each slide will show a number in a different form, and you will work together as a class to fill in the other forms of the number. You may wish to have students come up and model for the class during this time.		
	Firefighter Number Form Rescue: Print the 6 rescue mission scenes (2 pages) in color or black/white. Cut each scene out and place them around the room creating stations. Each student needs a set of the Number Form Cards and a Firefighter Number Form Rescue booklet (2 pages), cut and stapled together (order does not matter as long as the title is on the front and the congratulations page is at the back). Students will work with a partner or small group to travel to each of the 6 rescue mission stations. Students will write the number in the same form shown on the scene on their booklet's matching mission page. Then, they will cut and glue the other matching number forms on the correct spaces.		
	Number Form Firefighters: Students will look at the number in standard form, expanded form, or word form and they will write it in the other forms. When they finish, they will color the picture.		
	Students will demonstrate their understanding of the 4 number forms by writing numbers in standard, expanded, word, and base ten form.		
	INTERVENTION: Have students use the Number Form Mat from the mini-lesson and continue practicing with numbers up to 50. Work with students as they practice. Feel free to cover any of the forms (like word form) to make it less overwhelming or to focus on the needed skills. EXTENSION: Refer to Lucky to Learn Math Grade 2, Lesson 1.9 for extension activities with		



4.4 MINI-LESSON

LET'S LEARN!

When we show how to write a number in a different way, we are showing number form. Today, we are going to learn about two number forms.

STANDARD FORM



EXPANDED FORM



What do you think these number forms are?



I WILL BE ABLE TO...

Read and write numbers to 50 in standard and expanded form.



Guides students through each lesson with an easy-to-follow, attractive, kid-friendly format & theme

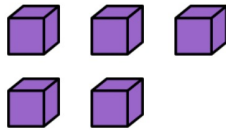
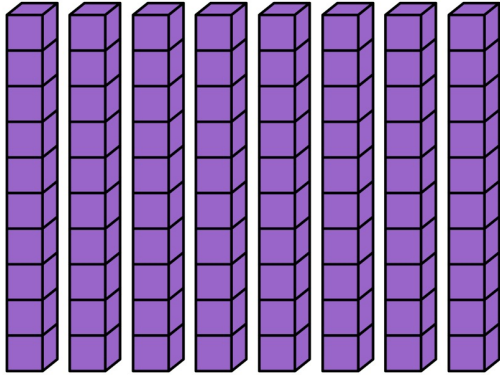
MINI LESSONS



4.7 MINI-LESSON

LET'S LEARN!

Build the number with your blocks. Then, write the number and each digit's value.



What number am I?		
H	T	O
What is each digit's value?		

NEXT



PLACE VALUE MAT

Directions: Use in a dry-erase pocket or laminate before use.

LESSON 4.7
PLACE VALUE TO 120

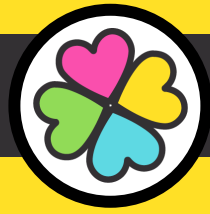
BUILD IT!

What number am I?		
H	T	O
What is each digit's value?		

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Provides instruction & scaffolded practice with the skill.

COLLABORATION



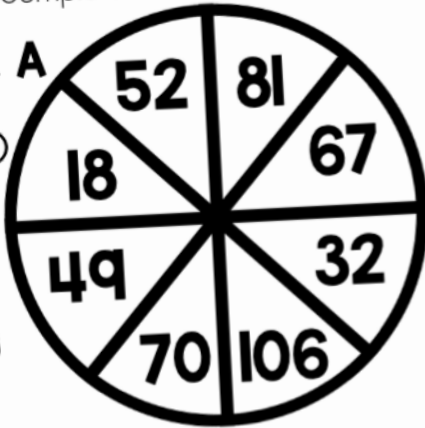
LESSON 4.10
COMPARE NUMBERS

Name _____

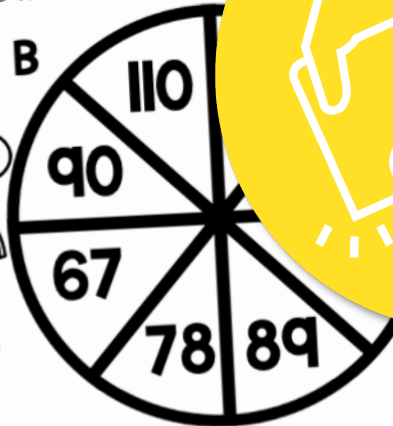
SPIN A NUMBER BAKE-OFF

Directions: Baker A and Baker B each spin a number on their spinner. Together, the two numbers and compare using $>$, $<$, or $=$. The bigger number is the winner of the round. Complete 10 rounds to see who can win the most rounds!

BAKER A



BAKER B

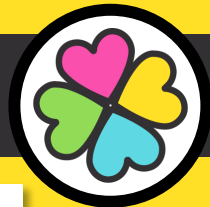


1. ____ ○ ____	6. ____ ○ ____
2. ____ ○ ____	7. ____ ○ ____
3. ____ ○ ____	8. ____ ○ ____
4. ____ ○ ____	9. ____ ○ ____
5. ____ ○ ____	10. ____ ○ ____

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Hands-on activities for students to practice the skill in fun ways with partners and groups

INDEPENDENT WORK



Name _____

LESSON 4.9
NUMBER FORMS

NUMBER FORMS IN THE NEWS

Directions: Cut apart the number form cards at the bottom and glue them under the correct column to match the standard form number.

STANDARD FORM	EXPANDED FORM	BASE TEN FORM	WORD FORM
86			
54			
107			
91			
115			

Scissors icon

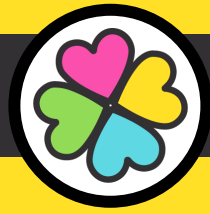
$100 + 10 + 5$	eighty-six	
	$50 + 4$	one hundred fifteen
fifty-four		$100 + 7$
one hundred seven		$80 + 6$

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Worksheets that align with the lesson theme provide opportunities for student independence and mastery.

CHECK UNDERSTANDING



LESSON 4.5
NUMBER FORMS TO 50

Name _____

CHECK FOR UNDERSTANDING

Directions: Follow the directions in each box.

Write the number in expanded form.

29 _____ + _____

Write the number in standard form.

thirty-two _____

Write the number in word form.

Draw base-ten blocks to represent number.

_____/4

LESSON 4.10
COMPARE NUMBERS

Name _____

CHECK FOR UNDERSTANDING

Directions: Compare the two numbers by writing $<$, $>$, or $=$ in the circle.

84 ○ 69	19 ○ 19
43 ○ 43	101 ○ 110

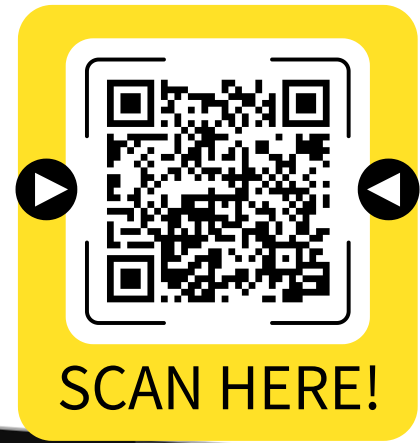
_____/4

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Half-page exit tickets are an easy check for understanding. This shows you an immediate picture of how students are doing. No more huge stacks of grading to sort through!

Weekly Email FREEBIES!

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



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.