

Mindful MATH

Proud to Be Primary

Numbers to 1000



3rd Grade Comprehensive Math Curriculum

Mindful MATH



Numbers to 1000

What is Included in this Comprehensive Unit:

- ♥ Standard-based lessons
- ♥ 10 detailed lesson plans
- ♥ Practice worksheets
- ♥ Warm-up task cards
- ♥ Whole group number talks with speaking prompts
- ♥ Discussion questions
- ♥ Vocabulary posters
- ♥ "I Can" math standard posters
- ♥ Mental Math flash cards
- ♥ Math journal prompts
- ♥ Math games and centers
- ♥ Instruction sheets activities
- ♥ 3 assessments: Quick Check task cards, pre & post-tests for each lesson, & unit test

Place Value Color By Code MindfulMATH Number Sense - Lesson 2

Base Ten BINGO - Lesson 4 MindfulMATH Number Sense - Lesson 4

- Cut out all of the base ten bingo card pieces. Glue the pieces in any order onto the Base Ten BINGO board.
- As the numbers are called out, cover the squares they shows the numbers in base ten blocks.
- Once a board has a row, column, or diagonal of 5 filled in, yell out "BINGO!"

Round & COVER MindfulMATH Number Sense - Lesson 4

Round & Round! MindfulMATH Number Sense - Lesson 5

Mindful MATH Number Sense - Lesson 2: What's The Value?

Mindful MATH Number Sense - Lesson 1

Mindful MATH Number Sense - Lesson 4

Mindful MATH Task Card #1

Mindful MATH Task Card #2

I Can identify and represent a 3-digit number with base ten blocks

A digit is a single number used to represent values in math.

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Numbers to 1000

What's included in this 250+ unit:

Curriculum Map &
Unit Overview

Unit	Topic
Unit 1	Numbers to 1000
Unit 2	Addition & Subtraction
Unit 3	Multiplication
Unit 4	Division
Unit 5	Fractions
Unit 6	Time & Measurement
Unit 7	Geometry
Unit 8	Data & Probability
Unit 9	Money & Financial Literacy
Unit 10	Algebra & Co.

Detailed Lesson Plans

Mindful MATH - Number Sense	
Lesson 2 : What's The Value?	
Opening Activities	Students complete Task Card #2 with a partner. Complete Journal Prompt #2 on an individual addition or subtraction problem (987304). The host
Number Talks	Concrete Number Talks Activity #1 together on the board. Using Mental Math cards set #1 (Two and three-digit numbers to 1000 with place value), have students independently or with a partner read through the cards and give each other the correct digit represents (2x 100, the 2 represents 2 hundreds)
Whole Group Lesson	Introduce the lesson goal with 'I Can' poster #2 and review that each digit in a three-digit number represents a value of 10, 100, or 1000. Distribute to students that each place has a different value (NB: The 1 has a value of 100, but has a value of 10 and the 3 has a value of 30 by drawing groups of 10, 100, and 1000 on the board). Write down 3 digit numbers on the board and have students volunteer to read aloud. Then, an student will read digits in that number one worth. Write down 3 digit numbers on the board and read for students that they can be broken down into tens or a combination (NB: 1000, 400, 10)
Independent Practice	Students complete the provided practice page provided (3 page version for lesson #2) by following the directions on top of each page.
Hands-On Activities	GAME: Three Card Compare With a partner, each student will turn over 3 cards and compare the numbers. The higher number 'wins' and that student keeps the cards. ACTIVITY: Ten a Number Students will spin or draw three times to create a 3 digit number. Then, identify each digit and what value it has. ACTIVITY: Oh, How Much Good! Students will read each card and record their answers on recording sheet.
Assess	Host and have students complete Task Card #2 and/or a post-test assessment (I can identify the value of each digit in a 3 digit number)
Lesson Goal	I can understand that each digit in a 3-digit number represents a value.
Questions	What does the 2 in 245 represent? What does the 4 in 456 represent? What does the 7 in 789 represent?
Vocabulary	Place Value Tens Hundreds Thousands
Lesson Materials	Task Card #2 Journal Prompt #2 Concrete Number Talks Paper Base 10 Blocks Place Value Chart Place Value Chart Place Value Chart Task Card #2

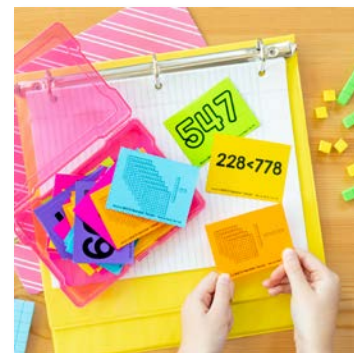
Vocabulary Posters



"I Can" Posters

Task Cards

Mental Math Cards



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Numbers to 1000

What's included in this 250+ unit:

Number Talks



Worksheets & Answer Keys



Journal Prompts



Hands-On Activities



Discussion Questions



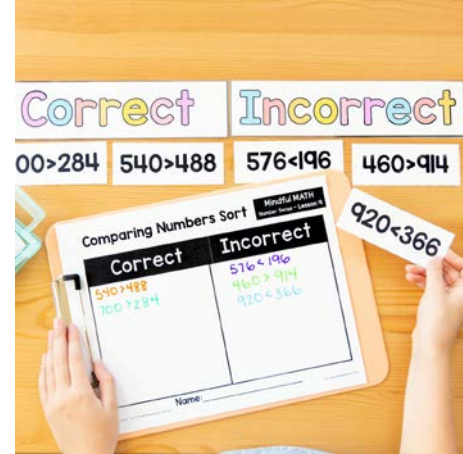
Assessments & Answer Keys



This Mindful MATH unit covers

- ♥ Place Value to 1000
- ♥ 0 as a Place Holder
- ♥ Building with Base Ten
- ♥ Rounding to the nearest 10 and 100
- ♥ Skip Counting by 5, 10, 50, 100, and 200 within 1000
- ♥ Comparing
- ♥ Ordering

Proud to Be Primary



Mindful MATH

HAS WHAT TEACHERS LOVE!

- This ONE math curriculum unit is all you need to teach this math concept and meet the standards.
- Use each lesson and follow-up activities to cover your math block each week.
- The unit easily extends to an entire month of instruction.
- It covers standards and skills that Third Grade students need to learn before Fourth Grade!
- It saves you time as the planning is done for you!
- Make math FUN with a variety of activities, centers, and games.
- Keep kids engaged and help them build important math skills and fluency!
- You will have ALL the materials you need to successfully teach (with no need to supplement)!



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See a Lesson Plan Up-Close

Quick, independent warm-up activities.

Mental math cards help build fluency & Number Talks encourage peer interaction.

Lesson can be easily broken down into mini-lessons and small-group instruction.

Use the lesson goal to guide the lesson.

Teach important math vocabulary.

Mindful MATH - Number Sense		
Lesson 2 : What's The Value?		
Opening Activities	Students complete Task Card #2 with a partner. Complete Journal Prompt #2 on a chart, on mini whiteboards, or in notebooks. OPTIONAL: Pre-test.	
Number Talks	<ul style="list-style-type: none"> •Complete Number Talks Activity #2 together on the board. •Using Mental Math cards set #1 (two and three-digit numbers to 1000 with a place underlined), have students independently or with a partner read through the cards and name what the underlined digit represents (Ex: <u>2</u> in 246 the six represents 6 tens). 	
Whole Group Lesson	<ul style="list-style-type: none"> •Introduce the lesson goal with "I Can" poster #2 (I can identify the value of each digit in a three-digit number). •Demonstrate to students that each digit has a different value (468 the 4 has a value of 400, the 6 has a value of 60, the 8 has a value of 8) by drawing groups of 1s, 10s, and 100s on the board. •Write down 3-digit numbers on the board and have a student volunteer to them aloud. Then, ask students what various digits in the number are worth. •Write down 3-digit numbers on the board and ask students that they can be broken down into values in an addition problem (468 = 400 + 60 + 8). 	
Independent Practice	Students complete the printable practice pages provided (3 page options for lesson #2) by following the directions at the top of each page.	
Hands-On Activities	<p>GAME: Three Card Game - With a partner, each student will turn over 3 cards and compare the numbers. The highest number wins and that student keeps the cards.</p> <p>ACTIVITY: Spin Number - Students will spin a wheel three times to create a 3-digit number then identify each digit and what value it has.</p> <p>ACTIVITY #2: Place Value Scoot - Students will move to each station and record their answers on a recording sheet.</p>	
Assess	Meet and have students complete Quick Check #2 and/or a post-test assessment (I can identify the value of each digit in a 3 digit number).	
Lesson Goal	Questions	Lesson Materials
Understand that each digit in a 3-digit number represents a value.	What is the value of each digit in a 3-digit number?	Task Card #2 Journal Prompt #2 Chart Paper Boards & Markers Notebooks Pre & Post tests Number Talk 2 Mental Math set #1 "I Can" Poster #2 Practice pages Card game Spin A Number Paper Clip or Spinner Place Value Scoot Quick Check #2
Vocabulary	Key Words	
value	10s (or 100s) or 100s (or 1000s)	
	number? What value does that represent?	

Lessons for the whole group include teacher part and student practice of skills.

Differentiated practice pages build understanding of concepts.

Hands-on math activities, games, and centers build math fluency.

Quick check, pre and post-tests, and a unit test are included.

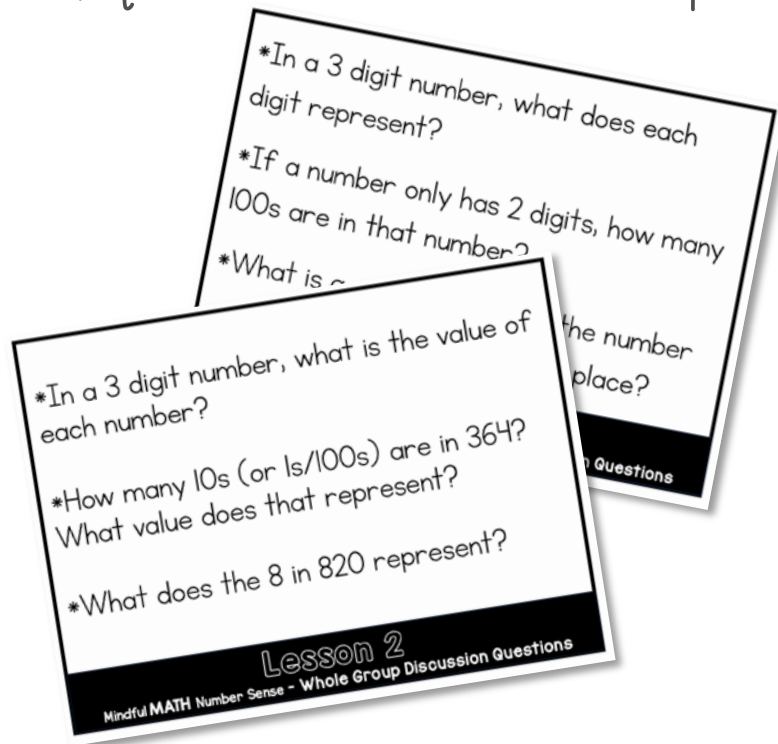
Discussion questions for whole or small group.

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Discussion Questions

Each lesson has 3 discussion questions that can be used for small group or whole group instruction. The discussion questions are in poster form to be printed for teacher reference or projected for the students to see. You can also find questions on each lesson plan.

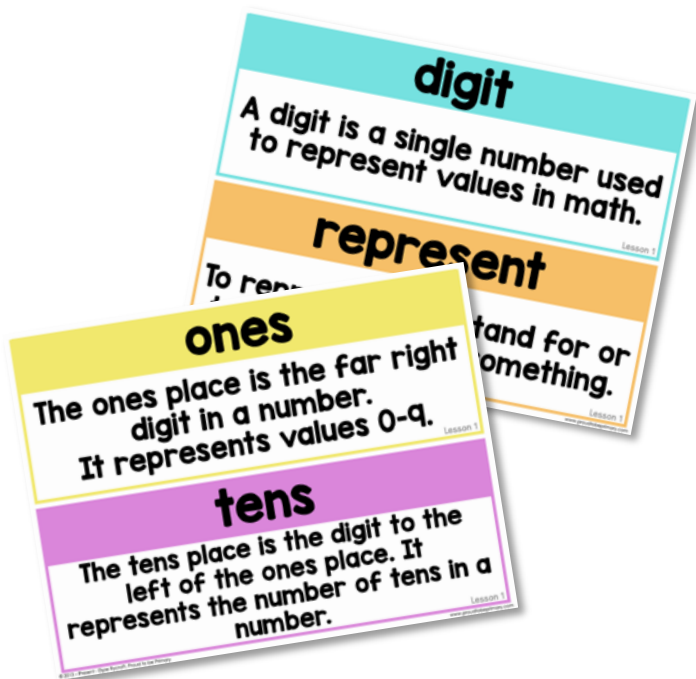


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Vocabulary Posters

Each lesson has vocabulary words that are important for students to understand. You are provided with vocabulary posters in both black and white and color for teachers to display in the classroom or on the board for student reference during and after lessons.



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Number Talks

Number Talks encourage independent thinking while building a student's ability to express their own ideas. Each lesson comes with an open ended math question that can be used for a whole or small group discussion. Speaking prompts are also included on each number talk.

Mindful MATH 3rd Grade Number Sense : Number Talk #1
Think of a number between 20 and 40. What can you add to that number to make it equal to 50? Can you find more than one number that works?
20 ←

Mindful MATH 3rd Grade Number Sense : Number Talk #2
Think of two numbers that add to a sum of 15. Can you find 3 numbers that add up to a sum of 15?
+ = 15
+ = 15

"To start, I ____"
"I also thought ____"
"I was confused by ____"

Mindful MATH 3rd Grade Number Sense : Number
Write down all the two-digit numbers where the tens digit is odd and the ones digit is even. How many different numbers can you find?
5 2
5 is odd 2 is even
"I used ____'s idea because ____"

Mindful MATH 3rd Grade Number Sense : Number Talk #1
Think of a number between 20 and 40. What can you add to that number to make it equal to 50? Can you find more than one number that works?
20 ← ? → 40
? + ____ = 50
because ____
"I agree with ____"
"I disagree, I think ____"

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"I Can" Posters

"I Can" concept posters are included for every lesson in this unit. They clearly describe and illustrate the mathematical concept in the lesson and align to the standards being taught. They are helpful to lead your lesson and as a visual reminder for students. Read the prompts to students, discuss, and then replicate the examples together.

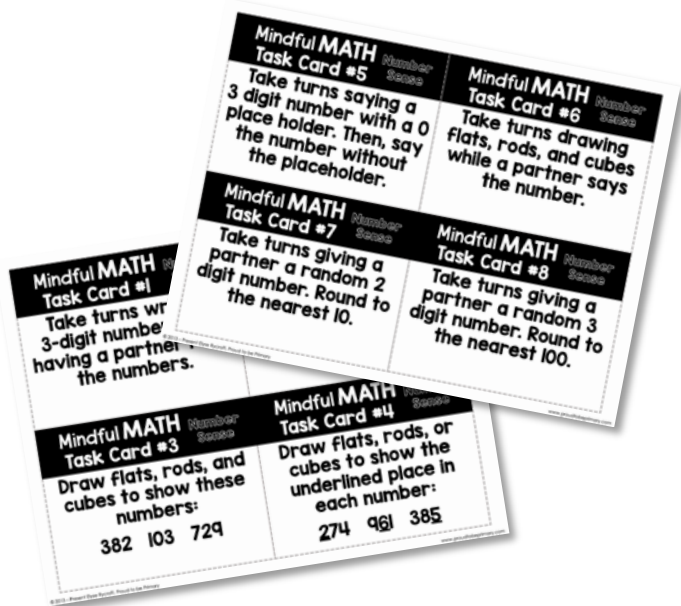


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Warm-Up Task Cards

Task cards are a great warm-up to your math block. They provide a fun way to review and practice the skills taught in the lessons. Have students work independently, with a partner, or as a group to complete a quick math task.

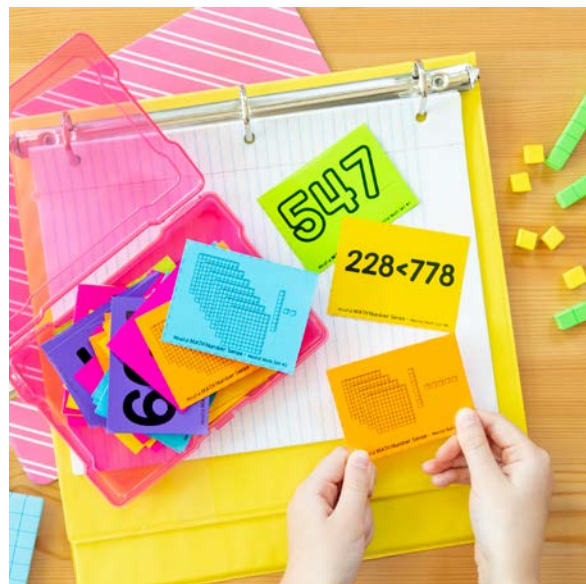


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Mental Math Flashcards

Mental Math flashcards help build a child's mental math ability and fact fluency. Each lesson includes a creative way to use the cards, such as games, fact recall, and student call-out activities. These cards are also great to use as independent and small group review. Simply put them in a box for students to grab!

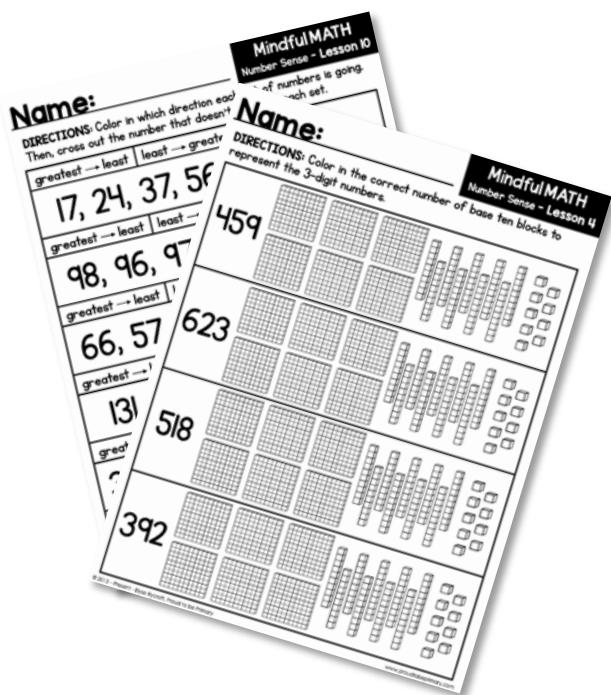


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Practice Worksheets

Each lesson includes differentiated worksheets for your students to practice their math skills. Select the no-prep worksheets you wish for your students to complete, and then assign. These versatile pages are engaging, straightforward, and fun to complete.

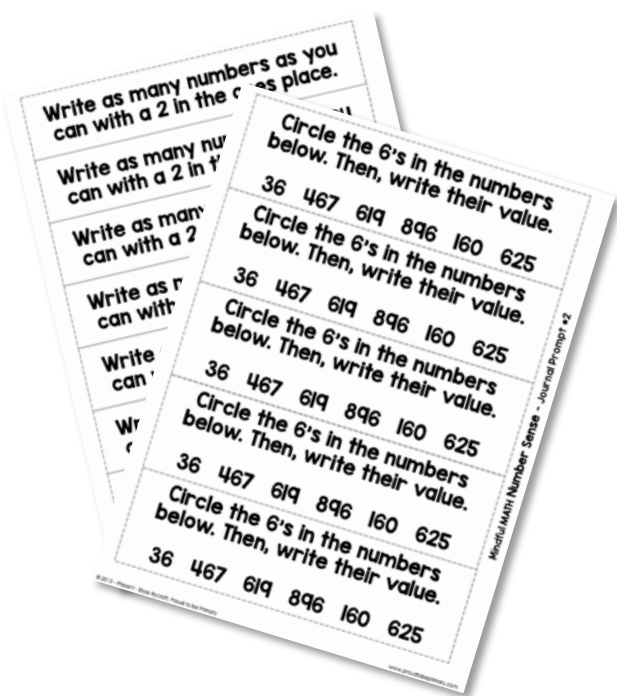


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Math Journals

After each lesson, provide each student with a math journal prompt to review the concept taught. Have students complete the math journal prompt independently and show their work and understanding in a notebook. No more coming up with engaging prompts; these are done for you!



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Math Centers & Games

There are a variety of fun and engaging math activities included for every lesson. These hands-on activities encourage focused math practice. They are great for small groups, partner games, and math centers. Instruction cards for each activity are also included!

Round & Round!

START: 268, 552, 227, 88, 747, 314, 734, 849, 427, 826, 457, 435, 558, 402, FINISH

Place Value Color By Code

90	90	0	0	0	0	0	0	0	0
300	300	201	109	306	207	304	300	300	300
339	401	604	309	309	309	309	309	309	
7	270	278	70	378	678	77	273	73	78
436	436	466	462	407	427	404	499	426	48
80	309	24	309	241	309	241	309	241	270
380	241	309	241	309	241	309	241	309	241
76	478	270	74	174	478	270	74	174	478

- Numbers with a 0 in the ones place.
- Numbers with a 0 in the tens place.
- 3 hundreds, 6 tens, 0 ones: $200 + 60 + 0$
- Numbers with a 7 in the tens place
- Numbers with a 4 in the hundreds place

Mindful MATH Number Sense - Instructions Card Round and Cover - Lesson 5

- Choose a card that shows a 2 or 3 digit number.
- Round the number to the nearest 10.
- Find the rounded number on the "Round & Cover" mat and cover it. Choose another card and repeat.
- A number that is already covered can be covered again. If using stacking cubes, a tower can be created.
- Continue until all numbers on the mat are covered.

Round & COVER

90	60	30	990
100	80	30	450
780	520	370	454
230	80	70	
660	80	70	

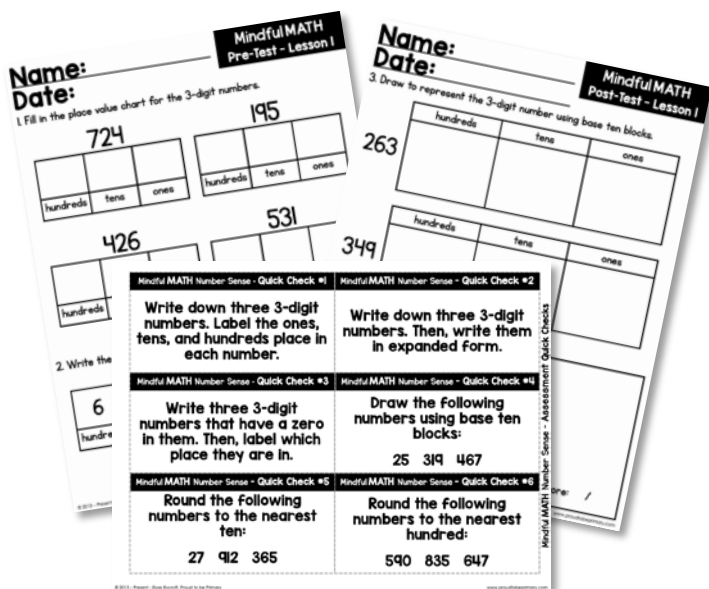


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3 Types of Assessments

There are three assessments included for every lesson: A 2-page pre-test and post-test, as well as a Quick Check assessment task card. The post-test help provide you with data about what your student knows and if they have acquired the necessary skills they need to know. Use the Quick Checks as a short activity for individuals or small groups to complete and show their understanding. There is also a final unit test.



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Lesson Materials

Everything needed to successfully teach the lessons included in this pack! Some lessons also have student friendly posters of important topics that can be displayed in the classroom. Other lessons may require math tools and we have provided you with printable versions of some of these to make teaching easier.

Rounding

1. Underline the number y are rounding
2. Look at the number x door.
3. If the number is greater, add on the number y it rest.
4. Numbers number.

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Number Chart

10	20	30	40	50	60	70	80	90	100
110	120	130	140	150	160	170	180	190	200
210	220	230	240	250	260	270	280	290	300
310	320	330	340	350	360	370	380	390	400
410	420	430	440	450	460	470	480	490	500
510	520	530	540	550	560	570	580	590	600
610	620	630	640	650	660	670	680	690	700
710	720	730	740	750	760	770	780	790	800
810	820	830	840	850	860	870	880	890	900
910	920	930	940	950	960	970	980	990	1000

Student Thousands Chart (Lesson 8)

10	20	30	40	50	60	70	80	90	100
110	120	130	140	150	160	170	180	190	200
210	220	230	240	250	260	270	280	290	300
310	320	330	340	350	360	370	380	390	400
410	420	430	440	450	460	470	480	490	500
510	520	530	540	550	560	570	580	590	600
610	620	630	640	650	660	670	680	690	700
710	720	730	740	750	760	770	780	790	800
810	820	830	840	850	860	870	880	890	900
910	920	930	940	950	960	970	980	990	1000

Use Mindful MATH for...

- ♥ Your Guided Math routine
- ♥ Whole group mini-lessons
- ♥ Small group instruction
- ♥ Supplement your math program
- ♥ Math warmups
- ♥ Math centers
- ♥ Assessments
- ♥ Sub-plans
- ♥ Home review





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aligns to the
standards

- 2.NBT.A.1
- 2.NBT.A.1b
- 2.NBT.A.2
- 3.NBT.A.1
- 2.NBT.A.4

This unit provides review of second grade standards to prepare students for third grade concepts.

This unit aligns to Third Grade Common Core standards and other state and Canadian standards.

Use it to teach the standards in the U.S. and Canada.

Why

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BACKGROUND

The Mindful Math curriculum incorporates focused math learning opportunities and many components within each unit. The activities are hands-on and mind-on, meaning students are actively working on math and engaging their minds. Mindful Math lessons encourage different ways of thinking and representing math concepts.

Mindful Math includes a variety of thoughtful lessons and activities to help meet the needs of learners and their learning styles. Students will have many opportunities to learn, practice, and review new strategies and develop math fluency through whole group warm-ups and lessons, mental math, number chats, journals, centers, games, and assessments.

Mindful Math was created to give teachers a comprehensive math curriculum that engages minds and leaves students knowledgeable and fluent in math concepts. The curriculum aligns to the U.S. Common Core standards, the Canadian math curriculums in B.C. and Ontario, as well as many other math curriculums around the world.

How to Teach **math** Easily & Effectively

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Learn How to Teach
MATH
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& activities

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Mindful **MATH** Curriculum for K-3



Click the images to see the Mindful Math curriculum
BUNDLES with **EVERYTHING** you need for the whole year!