

# Mindful MATH

Proud to Be Primary

## 3-digit Addition



2nd Grade Comprehensive Math Curriculum

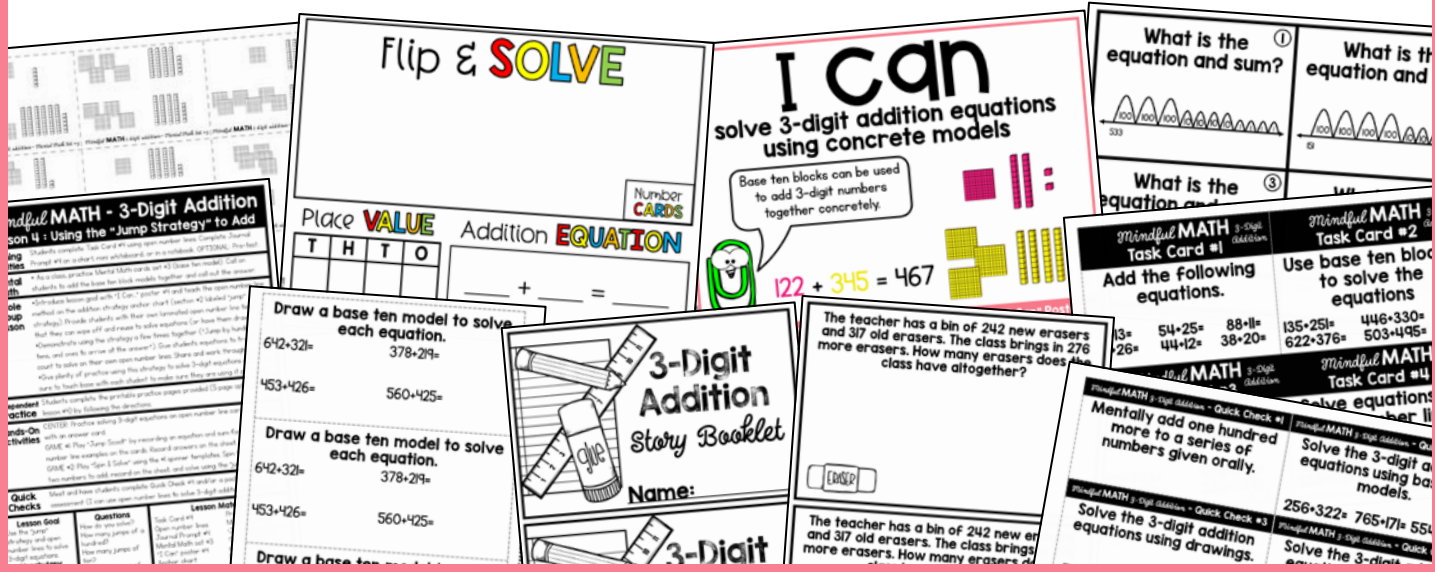
# Mindful MATH



## 3-Digit Addition

### What is Included in this Comprehensive Unit:

- ♥ A month's worth of instruction
- ♥ Standard-based lessons
- ♥ 8 detailed lesson plans
- ♥ Differentiated practice worksheets
- ♥ Warm-up task cards
- ♥ Mental Math flash cards
- ♥ Math journal prompts
- ♥ Math games
- ♥ Math centers
- ♥ Three assessments: Quick Check task cards, pre-tests & post-tests for every lesson



# Mindful MATH



## 3-Digit Addition

What's included in this 250-page unit:

Detailed Lesson Plans

Booklists

Posters & Materials

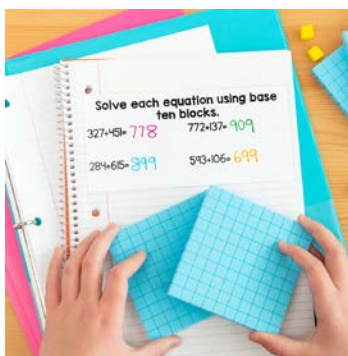
Mindful MATH - 3-Digit Addition Lesson 4 : Using the "Jump Strategy" to Add		
<b>Opening Activities</b>	Students explore the "Jump Strategy" to add 3-digit numbers. They use base ten blocks to model the problem and then use the "Jump Strategy" to solve the problem.	
<b>Mental Math</b>	Students use mental math to solve 3-digit addition problems. They use the "Jump Strategy" to solve the problems.	
<b>Whole Group Lesson</b>	Students use the "Jump Strategy" to solve 3-digit addition problems. They use base ten blocks to model the problem and then use the "Jump Strategy" to solve the problem.	
<b>Independent Practice</b>	Students use the "Jump Strategy" to solve 3-digit addition problems. They use base ten blocks to model the problem and then use the "Jump Strategy" to solve the problem.	
<b>Hands-On Activities</b>	Students use the "Jump Strategy" to solve 3-digit addition problems. They use base ten blocks to model the problem and then use the "Jump Strategy" to solve the problem.	
<b>Quick Checks</b>	Students use the "Jump Strategy" to solve 3-digit addition problems. They use base ten blocks to model the problem and then use the "Jump Strategy" to solve the problem.	
<b>Lesson Goal</b>	<b>Questions</b>	<b>Lesson Materials</b>
Use the "Jump Strategy" to solve 3-digit addition problems.	How do you solve 3-digit addition problems using the "Jump Strategy"?	Base ten blocks Number lines Mental Math cards "I Can" poster Base ten blocks Number lines Mental Math cards "I Can" poster



Task Cards

Math Journals

Mental Math Cards



# Mindful MATH



## 3-Digit Addition

What's included in this 250-page unit:

Worksheets



Addition Book



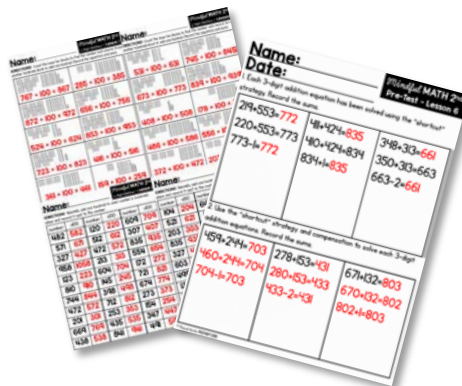
Hands-On Activities



Assessments



Answer Keys

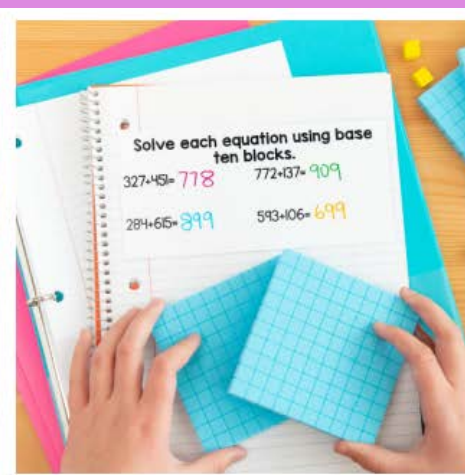


Centers



# This Mindful MATH unit covers

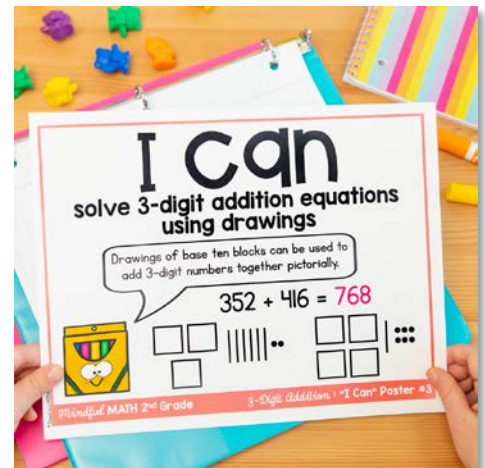
- ♥ Mentally add 100 to a number
- ♥ Add 3-digit numbers using models or drawings, with or without regrouping
- ♥ Jump strategy
- ♥ Split strategy
- ♥ Shortcut strategy
- ♥ Traditional algorithm
- ♥ 1-2 step work problems



# 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 the 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 Second Grade students need to learn before Third Grade!
- It saves you time as the planning is done for you!
- Make math FUN with a variety of activities.
- 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)!



# Teachers Love Mindful MATH

Proud to Be Primary

Abbey C.



I absolutely love how planned out the Mindful Math lessons are! My students really grasp the materials since there are so many different ways to teach and assess! This is my go to when teaching skills that are difficult to master!

Our math units are enjoyed in thousands of classrooms worldwide!

# Mindful MATH



## See a Lesson Plan Up-Close

Quick, independent warm-up activities.

Mental math cards help build fluency.

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 - 3-Digit Addition		
Lesson 4 : Using the "Jump Strategy" to Add		
<b>Opening Activities</b>	Students complete Task Card #4 using open number lines. Complete Journal Prompt #4 on a chart, mini whiteboard, or in a notebook. OPTIONAL: Pre-test.	
<b>Mental Math</b>	* As a class, practice Mental Math cards set #3 (base ten model). Call on students to add the base ten block models together and call out the answer.	
<b>Whole Group Lesson</b>	<ul style="list-style-type: none"> <li>*Introduce lesson goal with "I Can..." poster #4/4. Teach the open number line method on the addition strategy anchor chart (see #2 labeled "jump" strategy). Provide students with their own laminated open number line templates that they can wipe off and reuse to solve equations (or have them draw out).</li> <li>*Demonstrate using the strategy to solve equations (or have them draw out). Use students equations to try and skip count to solve on their own open number line. Share and work through together.</li> <li>*Give plenty of practice using this strategy to solve 3-digit equations and make sure to touch base with each student to ensure they are using it properly.</li> </ul>	
<b>Independent Practice</b>	Students complete the printable practice pages provided (5 page options for lesson #4) by following the directions.	
<b>Hands-On Activities</b>	<p>CENTER: Practice solving 3-digit equations on open number line cards and match with an answer card.</p> <p>GAME #1: Play "Jump Scoot" using an equation and sum for the open number line examples on the cards. Record answers on the sheet.</p> <p>GAME #2: Play "Spin &amp; Solve" using the #1 spinner templates. Spin twice to find two numbers to add, record on the sheet, and solve using the "jump" strategy.</p>	
<b>Quick Checks</b>	Meet and have students complete Check Check #4 and/or a post-test assessment. (I can use open number lines to solve 3-digit addition equations.)	
<b>Lesson Goal</b>	<b>Questions</b>	<b>Lesson Materials</b>
Use the "jump" strategy and open number lines to solve 3-digit equations.	<ul style="list-style-type: none"> <li>How many jumps of a hundred?</li> <li>How many jumps of ten?</li> <li>How many jumps of one?</li> <li>What is the sum?</li> </ul>	<ul style="list-style-type: none"> <li>Task Card #4</li> <li>Open number lines</li> <li>Journal Prompt #4</li> <li>Mental Math set #3</li> <li>"I Can" poster #4</li> <li>Anchor chart</li> <li>Mini whiteboards &amp; markers (or paper)</li> <li>Practice Pages</li> <li>Matching cards</li> <li>'Jump Scoot' game</li> <li>'Spin &amp; Solve' #1 spinners &amp; template</li> <li>Pre &amp; post tests</li> <li>Quick Check #4</li> </ul>
<b>Vocabulary</b>		
open number line, add hundred, ten, one, jump		

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.

Three assessment options included.

Helpful literature connection.

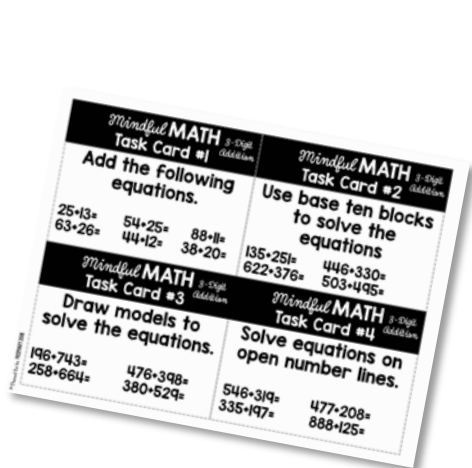


# Mindful MATH



## 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 using math manipulatives. Simply provide the prompt or task cards to get started!



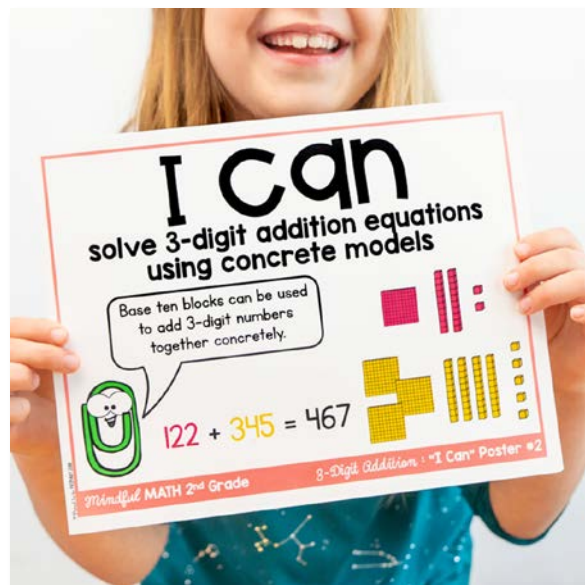
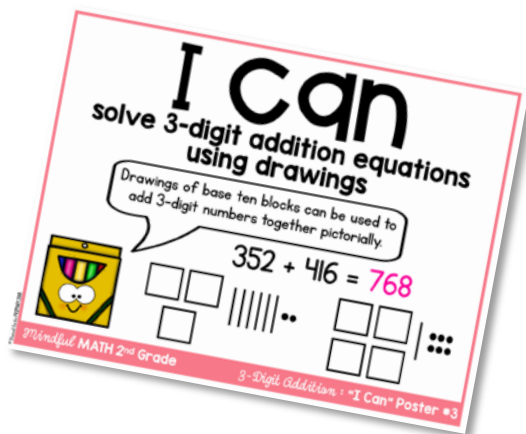
# Mindful MATH



## “I Can” Posters

Concept posters are included for every lesson in this unit.

They clearly describe and illustrate the mathematical concept in the lesson. 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.

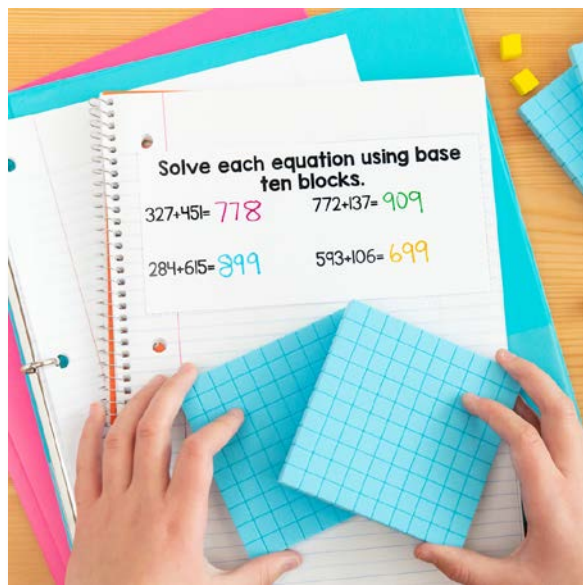


# Mindful MATH



## 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!

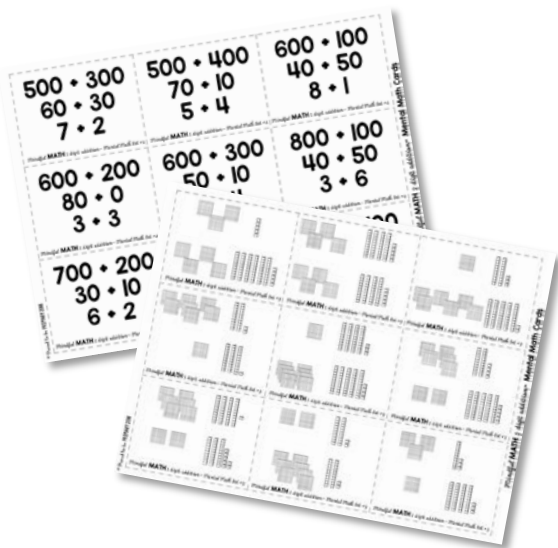


# Mindful MATH



## 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!

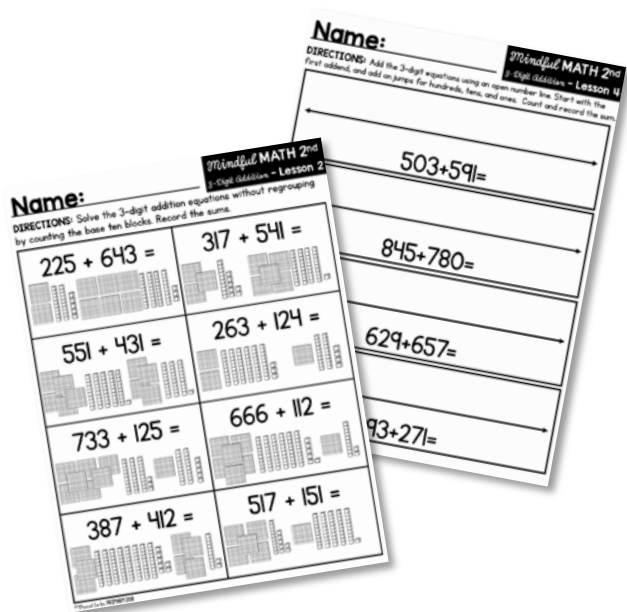


# Mindful MATH



## Practice Worksheets

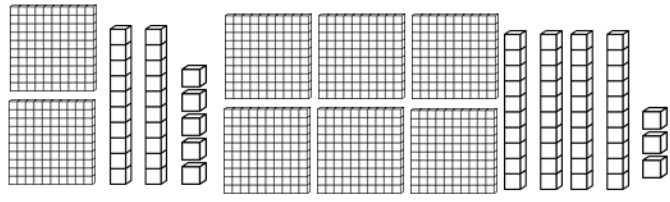
Each lesson includes differentiated worksheets for your students to practice their math skills. Select the no-prep worksheets you wish for your students to complete, and then assign. These versatile pages are engaging, straightforward, and fun to complete.



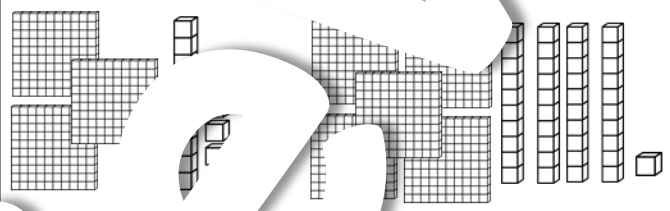
Name: \_\_\_\_\_

**DIRECTIONS:** Solve the 3-digit addition equations without regrouping by counting the base ten blocks. Record the sums.

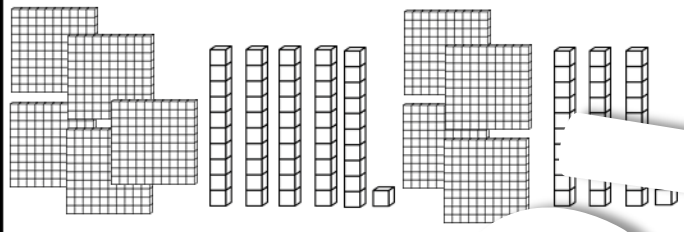
$$225 + 643 =$$



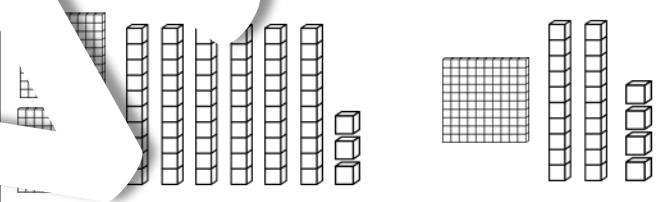
$$317 + 241 =$$



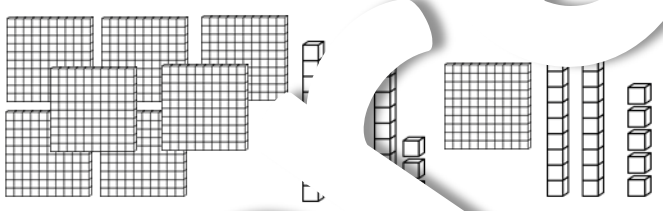
$$551 + 431 =$$



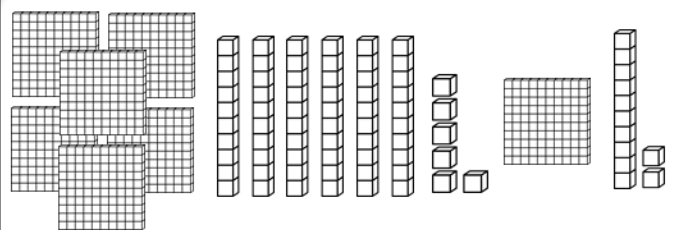
$$265 + 124 =$$



$$733 + 124 =$$



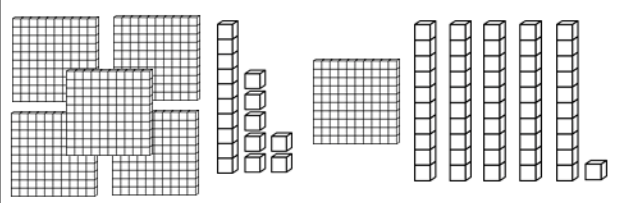
$$666 + 112 =$$



$$247 + 412 =$$

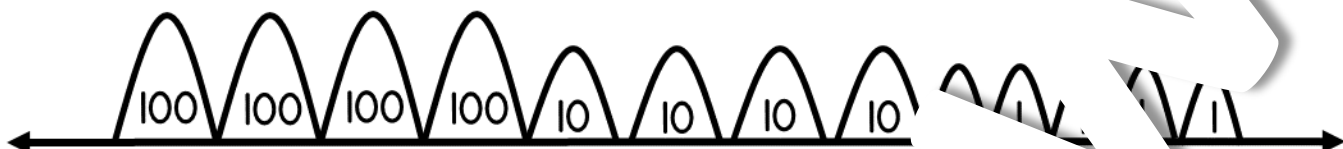


$$517 + 151 =$$



Name: \_\_\_\_\_

DIRECTIONS: Look at the completed open number line examples and record an equation for each.



315

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



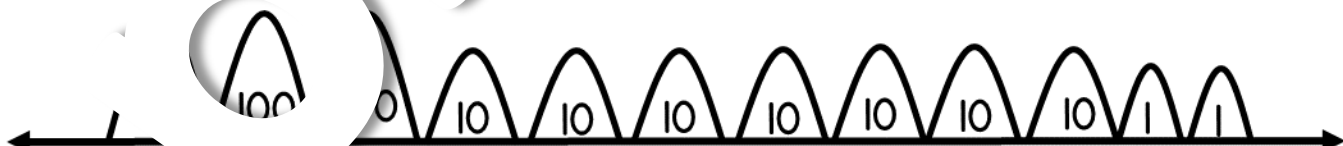
278

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



193

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



404

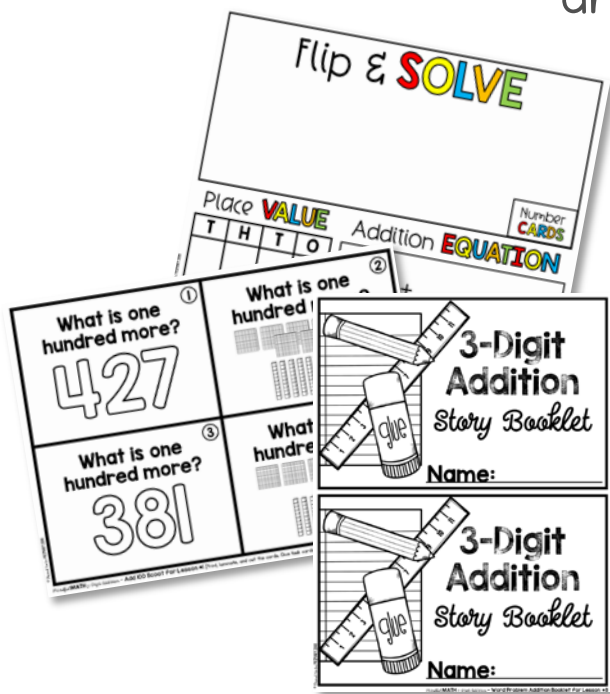
$\underline{\quad} + \underline{\quad} = \underline{\quad}$

# Mindful MATH



## 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. You will have the materials and instructions to implement the activities quickly and easily!



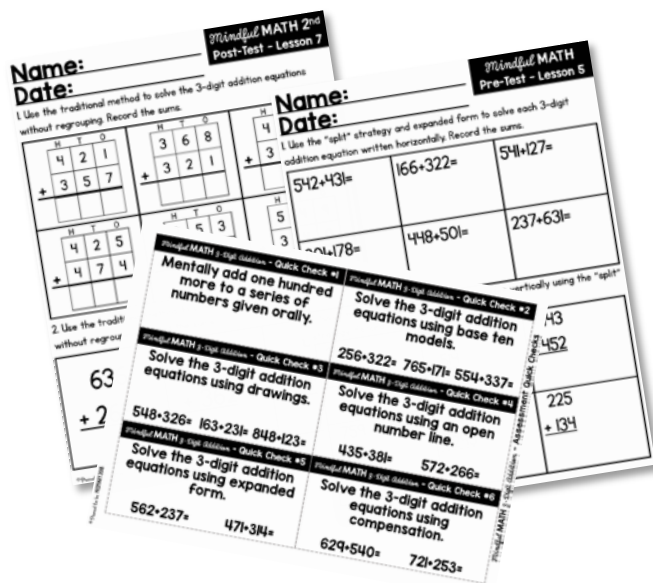


# Mindful MATH



## Math 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.



# Use Mindful MATH for...

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



# Teachers Love Mindful MATH

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Julia H. 

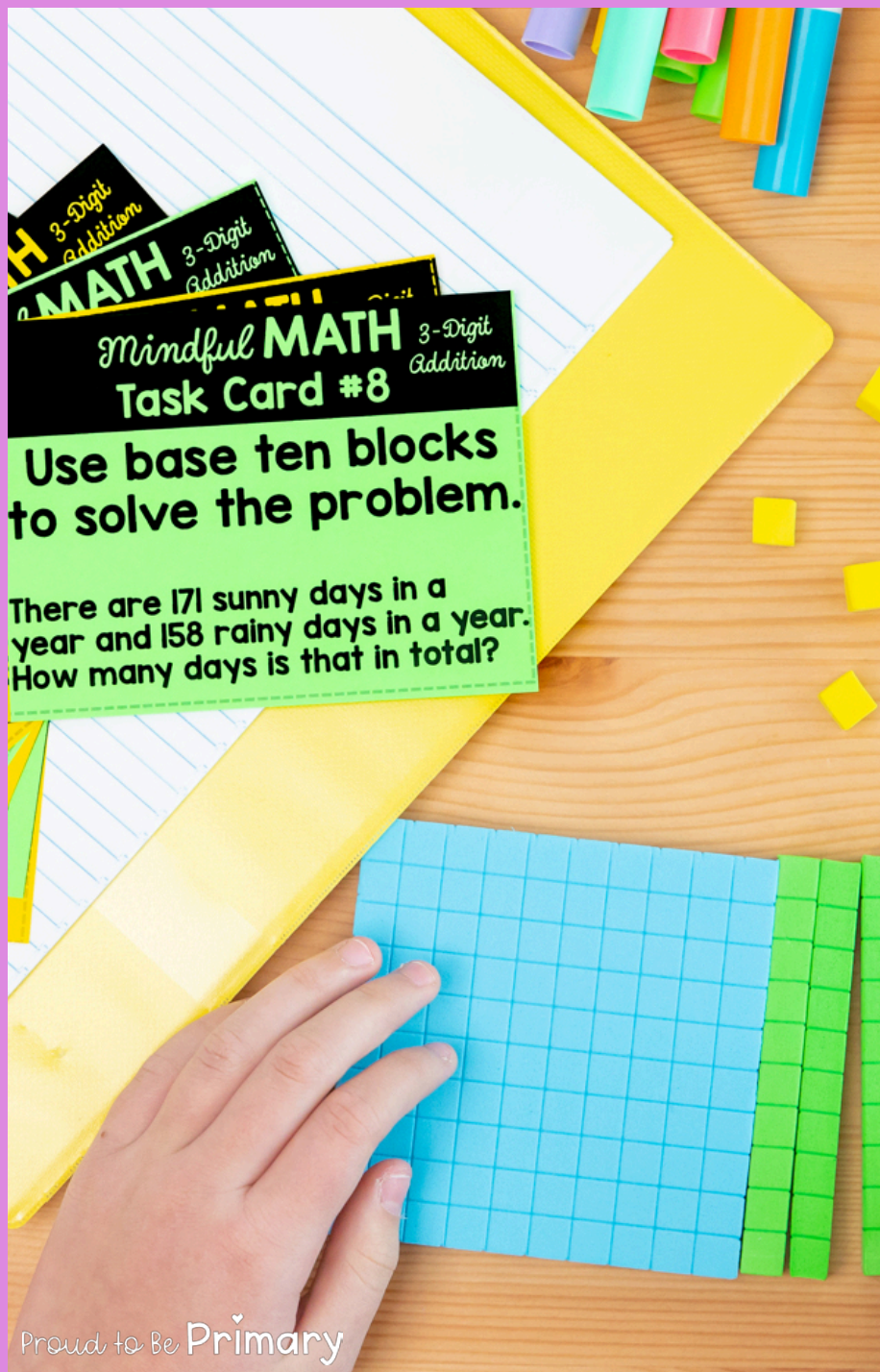


Finally found a unit that teaches 3-digit addition thoroughly and in a progression that makes sense to my students. They learned all the strategies before the traditional algorithm, so by the time we got to that, they understood WHY they were doing what they were doing. Loved this!

$$38 + 74$$

$$316 + 282$$

Our math units are enjoyed in thousands of classrooms worldwide!



# Mindful MATH

aligns to the  
standards

- 2.NBT.B.7
- 2.NBT.B.8
- 2.NBT.B.9

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

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

# Mindful MATH 2<sup>nd</sup> Grade

## 3-Digit Addition - Overview

Correlated to the United States Common Core Standards

Lesson 1	Mentally add 100 to a number	2.NBT.B.8
Lesson 2	Add 3-digit numbers, using models or drawings, without regrouping	2.NBT.B.7 2.NBT.B.9
Lesson 3	Add 3-digit numbers, using models or drawings, with regrouping	2.NBT.B.7 2.NBT.B.9
Lesson 4	Use the "Jump Strategy" to solve 3-Digit Addition (number line)	2.NBT.B.7 2.NBT.B.9
Lesson 5	Use the "Split Strategy" to solve 3-Digit Addition (expanded form)	2.NBT.B.7 2.NBT.B.9
Lesson 6	Use the "Shortcut Strategy" to solve 3-Digit Addition (compensation)	2.NBT.B.7 2.NBT.B.9
Lesson 7	Solving 3-Digit Addition using the traditional algorithm	Not mentioned but provides practice in a traditional method.
Lesson 8	Solving 1 to 2-step word problems	2.NBT.B.7 2.NBT.B.9

# Mindful MATH 2<sup>nd</sup> Grade

## 3-Digit Addition - Overview

Correlated to the NEW Ontario Grade 2 Math Curriculum

Lesson 1	Mentally add 100 to a number	B2.2 & B2.3 use mental math strategies to add whole numbers up to 50, and explain the strategies used
Lesson 2	Add 3-digit numbers, using models or drawings, without regrouping	B2.4 use objects, diagrams, and equations to add whole numbers up to 100
Lesson 3	Add 3-digit numbers, using models or drawings, with regrouping	B2.4 use objects, diagrams, and equations to add whole numbers up to 100
Lesson 4	Use the "Jump Strategy" to solve 3-Digit Addition (number line)	B2.4 use objects, diagrams, and equations to add whole numbers up to 100
Lesson 5	Use the "Split Strategy" to solve 3-Digit Addition (expanded form)	B2.1 use the properties of addition and its relationships to solve problems and check calculations
Lesson 6	Use the "Shortcut Strategy" to solve 3-Digit Addition (compensation)	B2.1 use the properties of addition and its relationships to solve problems and check calculations
Lesson 7	Solving 3-Digit Addition using the traditional algorithm	B2.1 use the properties of addition and its relationships to solve problems and check calculations
Lesson 8	Solving 1 to 2-step word problems	B2.1 use the properties of addition and its relationships to solve problems and check calculations

# Mindful MATH 2<sup>nd</sup> Grade

## 3-Digit Addition - Overview

Correlated to British Columbia, Canada's BIG Ideas for Grade 3

Lesson 1	Mentally add 100 to a number	addition & subtraction to 100
Lesson 2	Add 3-digit numbers, using models or drawings, without regrouping	addition & subtraction to 1000
Lesson 3	Add 3-digit numbers, using models or drawings, with regrouping	addition & subtraction to 1000
Lesson 4	Use the "Jump Strategy" to solve 3-Digit Addition (number line)	addition & subtraction to 1000
Lesson 5	Use the "Split Strategy" to solve 3-Digit Addition (expanded form)	addition & subtraction to 1000
Lesson 6	Use the "Shortcut Strategy" to solve 3-Digit Addition (compensation)	addition & subtraction to 1000
Lesson 7	Solving 3-Digit Addition using the traditional algorithm	addition & subtraction to 1000
Lesson 8	Solving 1 to 2-step word problems	addition & subtraction to 1000

The BC standards for addition & subtraction to 1000 are covered in grade 3. Use this unit to differentiate and challenge those students who have a strong grasp of addition to 100 and are ready to add to 1000.

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With Elyse from Proud to Be Primary

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Learn How to Teach **MATH** Effectively in K-2

FREE lessons & activities  
With Proud to Be Primary

## Mindful **MATH** Curriculum for K-2



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



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I'd love for you to try a sample of Mindful Math with your students to see if it is a perfect fit for you and your students!

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Why

Proud to Be Primary

# Mindful MATH

## 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, 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.