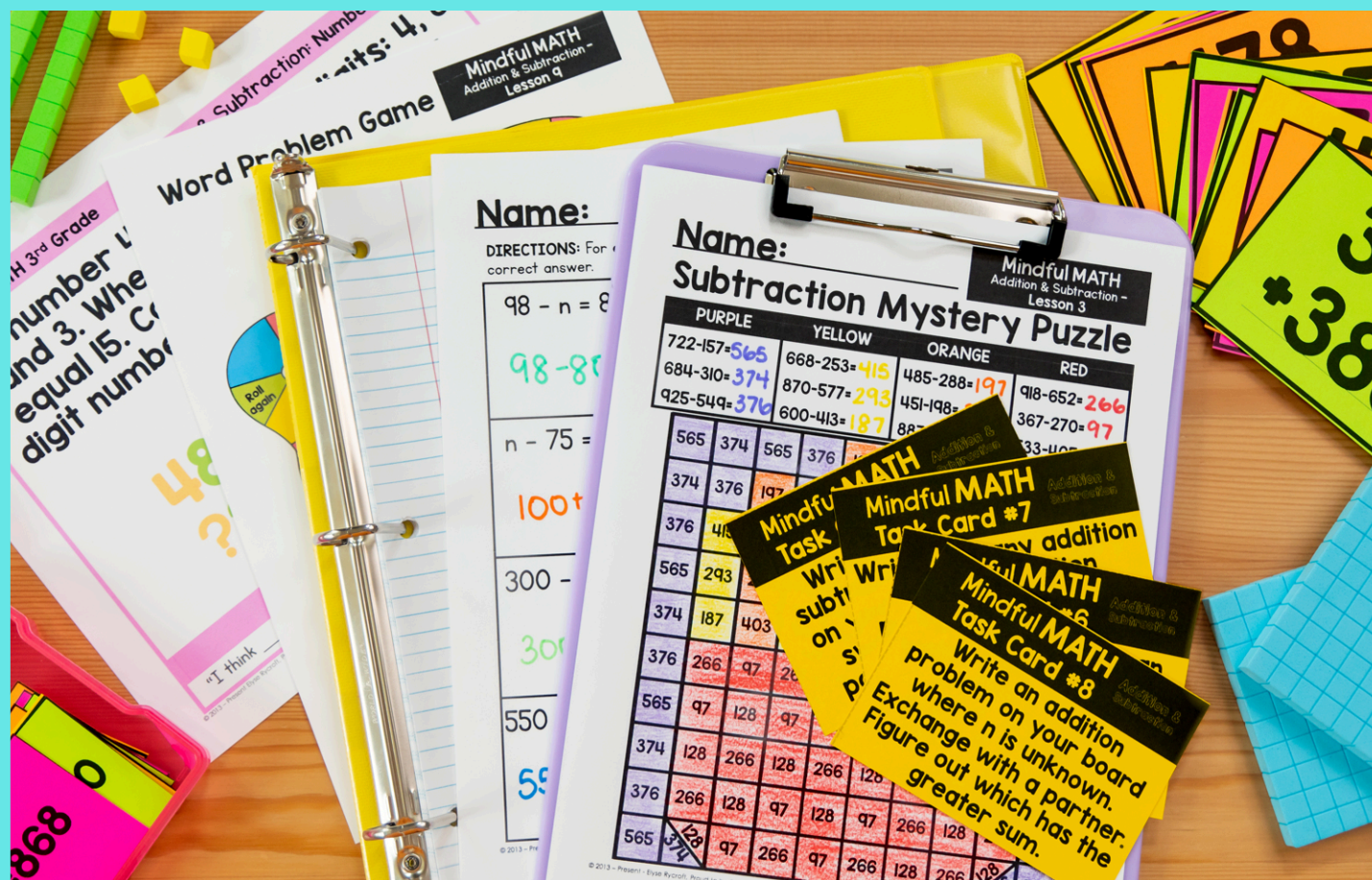


# Mindful MATH

Proud to Be Primary

## Addition & Subtraction to 1000



3rd Grade Comprehensive Math Curriculum

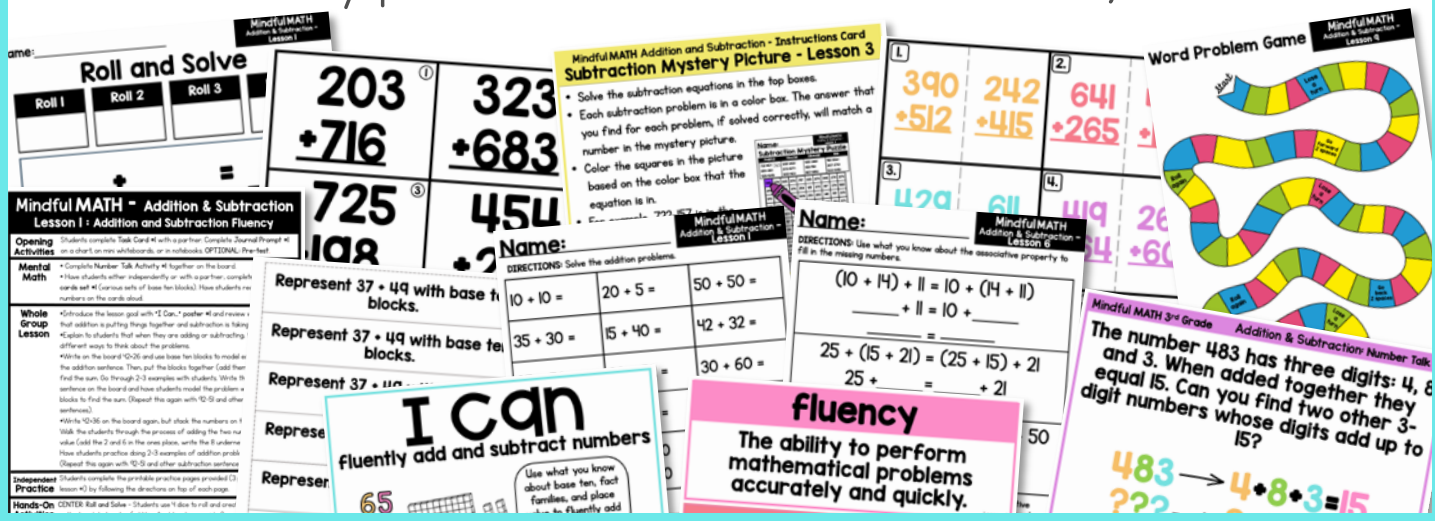
# Mindful MATH



## Addition & Subtraction 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



# Mindful MATH



## Addition & Subtraction to 1000

What's included in this 400+ page 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.

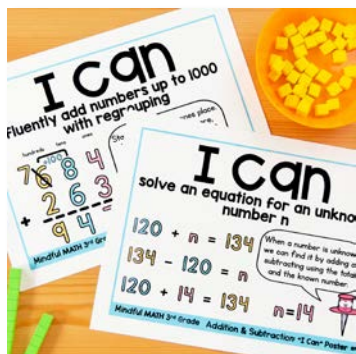
Detailed Lesson Plans

Section	Content
Opening Activities	Students complete Task Card 4 with a partner. Students complete Student Task Statement 4 in their L or my notebooks or on notebook paper. (1.OA.D.8)
Mental Math	• Complete Number Talk Activity 41 together on the board. • Have students either independently or with a partner, complete Mental Math cards set 41 (some sets of base ten blocks). Have students read the numbers on the cards aloud.
Whole Group Lesson	• Introduce the lesson goal with "I Can" poster and review with students that addition is putting things together and subtraction is taking things away. • Explain to students that when they are adding or subtracting, there are different ways to think about the problem. • Write on the board 10-20 and use base ten blocks to model each number in the addition sentence. Then pull the blocks together (add) and record it. Find the sum. Go through 2-3 examples with students. Write the addition sentence on the board and have students model the problem with base ten blocks to find the sum. Repeat this again with 10-10 and other addition sentences. • Write 10-10 on the board again, but stick the numbers on top of each other. Ask the students to think about adding the two numbers by place value (add the 2 and 0 in the ones place, write the 2 underneath, etc.) Have students practice doing 2-3 examples of addition problems. Do one. Repeat this again with 10-10 and other subtraction sentences.
Independent Practice	Students complete the printable practice pages provided (3 page options for lesson 1) by following the directions on the top of each page.
Hands-On Activities	• CENTER Roll and Solve: Students use 1 die to roll and create a math sentence on the template to solve addition & subtraction problems. • CENTER Make a Feet Family: Students roll a die to create a feet family (3 numbers in a feet family) Students fill in their laminated feet family template. They erase and repeat. (SME: Base 10 Add and Subtract) Students play with a partner. On each turn, the partners take over a card that has an addition or subtraction problem. Up to 20. The student that answers first (and correctly) gets to keep the card. The student who loses cards all of the cards and

Vocabulary Posters



"I Can" Posters



Task Cards



Mental Math Cards





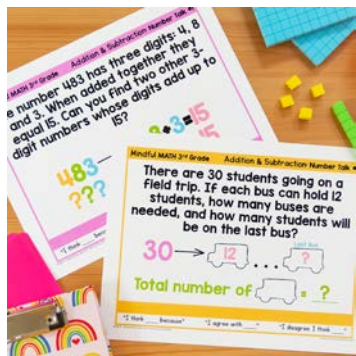
# Mindful MATH



## Addition & Subtraction to 1000

What's included in this 400+ page unit:

Number Talks



Worksheets & Answer Keys



Journal Prompts



Hands-On Activities



Discussion Questions

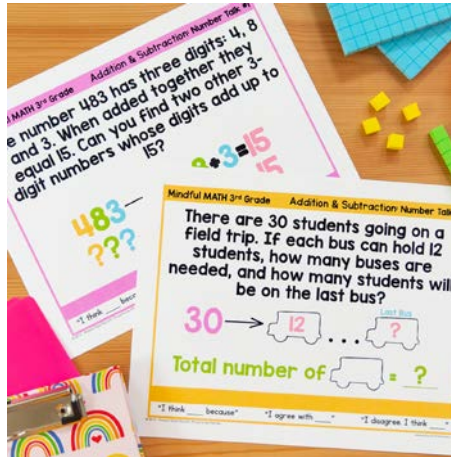


Assessments & Answer Keys



# This Mindful MATH unit covers

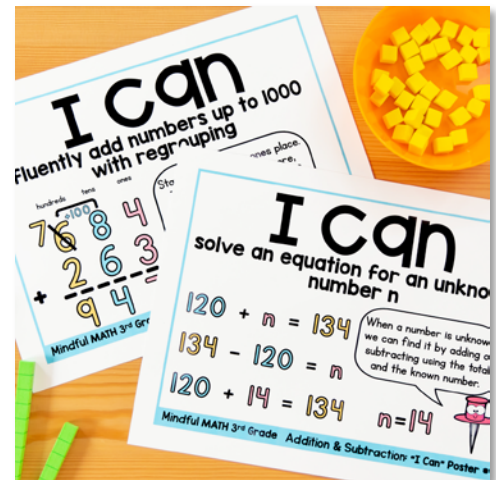
- ♥ Addition and subtraction fluency
- ♥ Regrouping
- ♥ Mental math
- ♥ Associative property
- ♥ Commutative property
- ♥ Equations (solving for n)
- ♥ Comparing equations
- ♥ Two step word problems



# 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 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)!





# Mindful MATH



## 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 - Numbers to 1000	
Lesson 10 : Word Problem Project	
<b>Opening Activities</b>	Students complete Task Card #10 with a partner. Complete Journal Prompt #10 on a chart, on mini whiteboards, or in notebooks. <b>OPTIONAL:</b> Pre-test.
<b>Number Talks</b>	<ul style="list-style-type: none"><li>• Complete Number Talks Activity 10 together on a board.</li><li>• Using Mental Math cards set #8 (simple word problems), have students go through and read the word problem then say whether they would be using addition or subtraction to solve.</li></ul>
<b>Whole Group Lesson</b>	<ul style="list-style-type: none"><li>• Introduce the lesson goal with "I Can..." page #10 and review poster from Lesson 9 with the steps for solving a word problem.</li><li>• Explain to students that today they're going to take a turn at writing their own word problems!</li><li>• Using the included cards, randomly choose 5 cards. Each card has math equations that could be used to represent a word problem. Write the problem on the board and have students write a story to match the problem.</li><li>• For example, if you chose a card that said <math>122 + 692</math> - you'd first point out to the kids that first you need to do subtraction and then addition. Have students choose something you could be added of, then a reason to lose 122 of them, and then a reason to add 692 of them.</li><li>• Have students work in small groups or pairs to draw a card and then write a matching problem. Problem template pages are included.</li><li>• Have groups or pairs present their problems and solve!</li></ul>
<b>Independent Practice</b>	Students complete printable practice pages provided (3 page options for Lesson 10) by following the directions on top of each page.
<b>Hands-On Activities</b>	<ul style="list-style-type: none"><li>• <b>Number Spin</b> - Students use a paper clip to spin numbers and either addition or subtraction symbols to form an equation. Then, they come up with a word problem to match.</li><li>• <b>Word Problem Match</b> - The game starts with the cards all face down and spread out. Students play with a partner and take turns turning over two cards. They try to match cards with word problems to cards with equations on them.</li></ul>
<b>Assess</b>	Have students complete Quick Check #10 and/or a post-test (assessment can write a multistep word problem)

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.

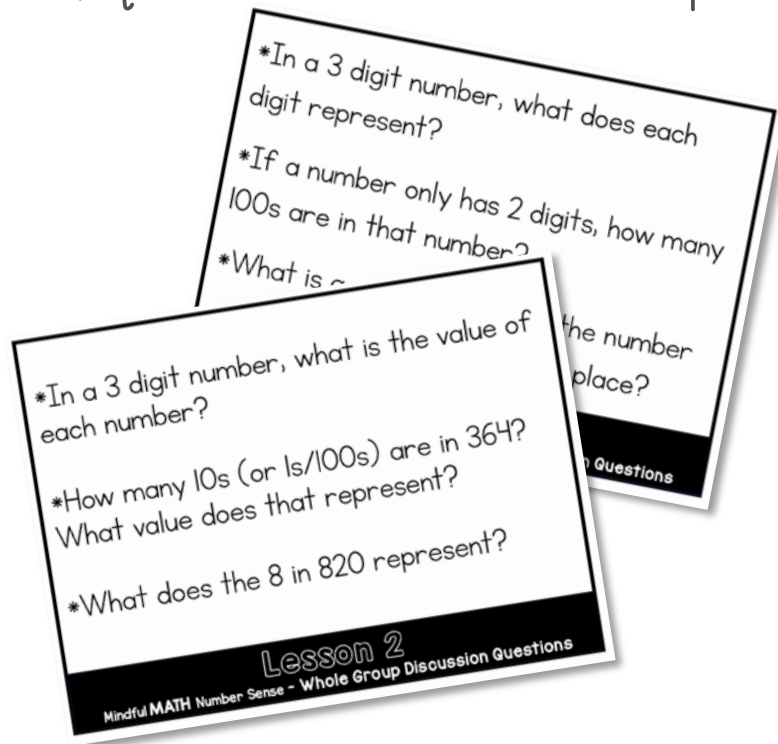
Discussion questions for whole or small group.

# Mindful MATH



## 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.



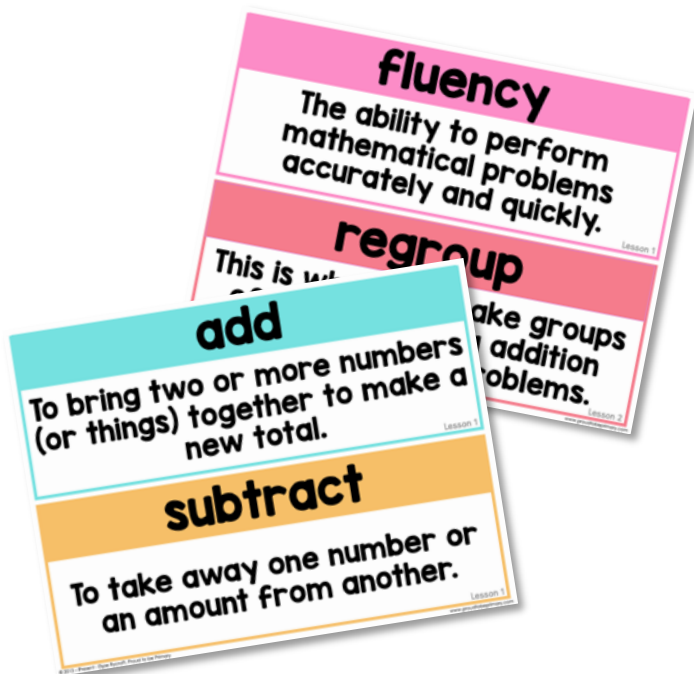


# Mindful MATH



## 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.



# Mindful MATH



## 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 3<sup>rd</sup> Grade Addition & Subtraction: Number Talk #1

The number 483 has three digits: 4, 8 and 3. When added together they equal 15. Can you find two other 3-digit numbers whose digits add up to 15?

$4 + 8 + 3 = 15$   
 $? + ? + ? = 15$

Mindful MATH 3<sup>rd</sup> Grade Addition & Subtraction: Number Talk #2

Imagine you have 12 apples, and your friend gives you some more. How many apples could your friend give you so that you have between 15 and 20 apples in total?

$12 + ? = 15, 16, 17, 18, 19, \text{ or } 20$

"To start, I \_\_\_\_" "I also thought \_\_\_\_" "I was confused by \_\_\_\_"

"I think \_\_\_\_ because \_\_\_\_" "I disagree. I think \_\_\_\_"

Mindful MATH 3<sup>rd</sup> Grade Addition & Subtraction: Number Talk #1

The number 483 has three digits: 4, 8 and 3. When added together they equal 15. Can you find two other 3-digit numbers whose digits add up to 15?

$4 + 8 + 3 = 15$   
 $? + ? + ? = 15$

Mindful MATH 3<sup>rd</sup> Grade Addition & Subtraction: Number Talk #2

There are 30 students going on a field trip. If each bus can hold 12 students, how many buses are needed, and how many students will be on the last bus?

$30 \rightarrow \text{Bus 1 (12)} \dots \text{Last Bus (?)}$

Total number of buses = ?

"I think \_\_\_\_ because \_\_\_\_" "I agree with \_\_\_\_" "I disagree. I think \_\_\_\_"

# Mindful MATH



## "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.



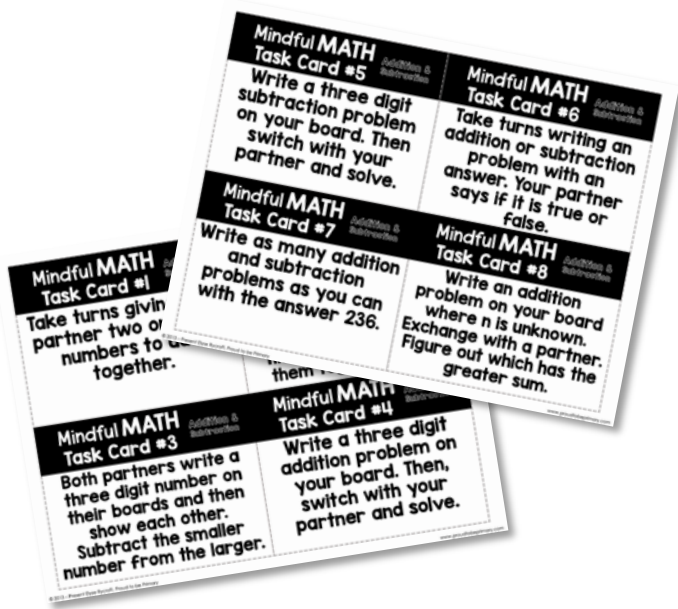


# Mindful MATH



## 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.

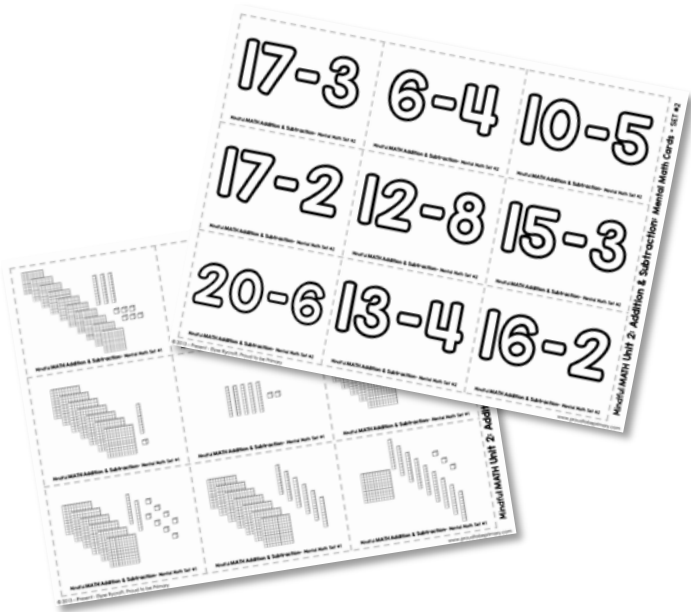


# Mindful MATH



## 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!

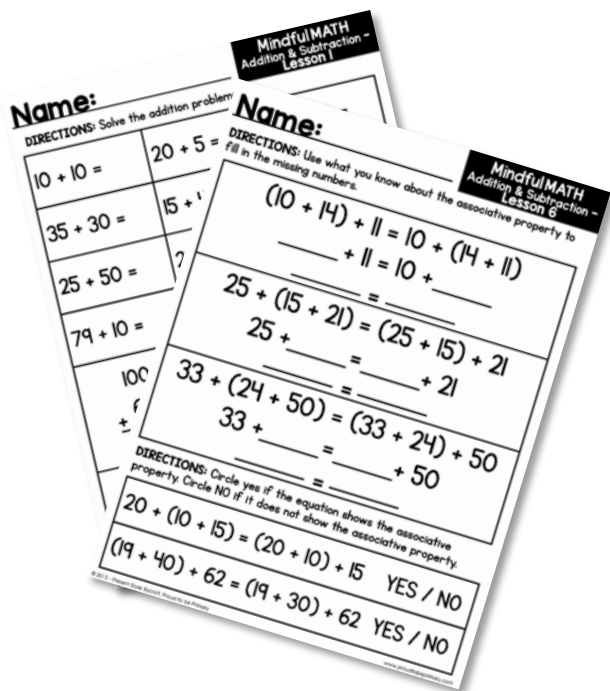


# Mindful MATH



## 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.





# 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



## 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!

**Word Problem Game** MindfulMATH Addition & Subtraction - Lesson 4

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

**Roll and Solve** MindfulMATH Addition & Subtraction - Lesson 1

Roll 1 Roll 2 Roll 3 Roll 4

**MindfulMATH Addition and Subtraction - Instructions Card**  
**Subtraction Mystery Picture - Lesson 3**

- Solve the subtraction equations in the top boxes.
- Each subtraction problem is in a color box. The answer that you find for each problem, if solved correctly, will match a number in the mystery picture.
- Color the squares in the picture based on the color box that the equation is in.
- For example,  $722-157$  is in the Purple box. The answer (565) to that problem will be colored purple in the mystery picture.

Color	Equation	Answer
Red	$635-243$	392
Orange	$894$	894
Yellow	$230+405+243$	878
Green	$366+383$	749
Blue	$n+211=868$	657

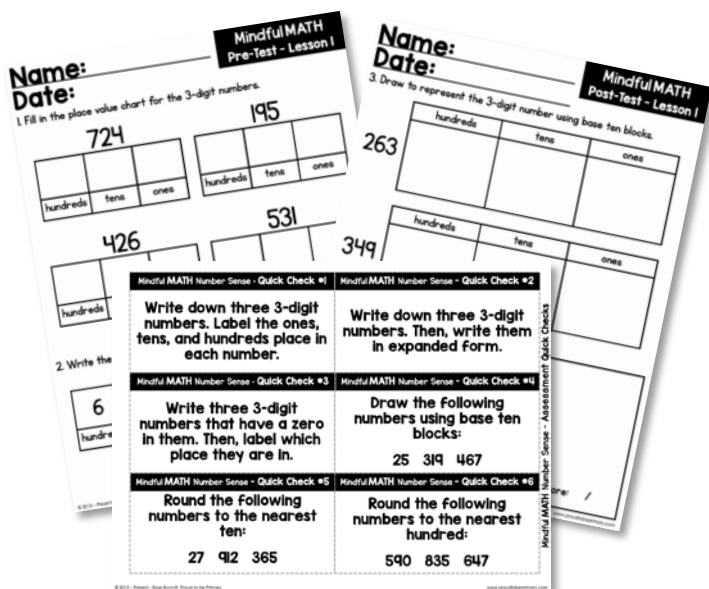


# Mindful MATH



## 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.





# Mindful MATH



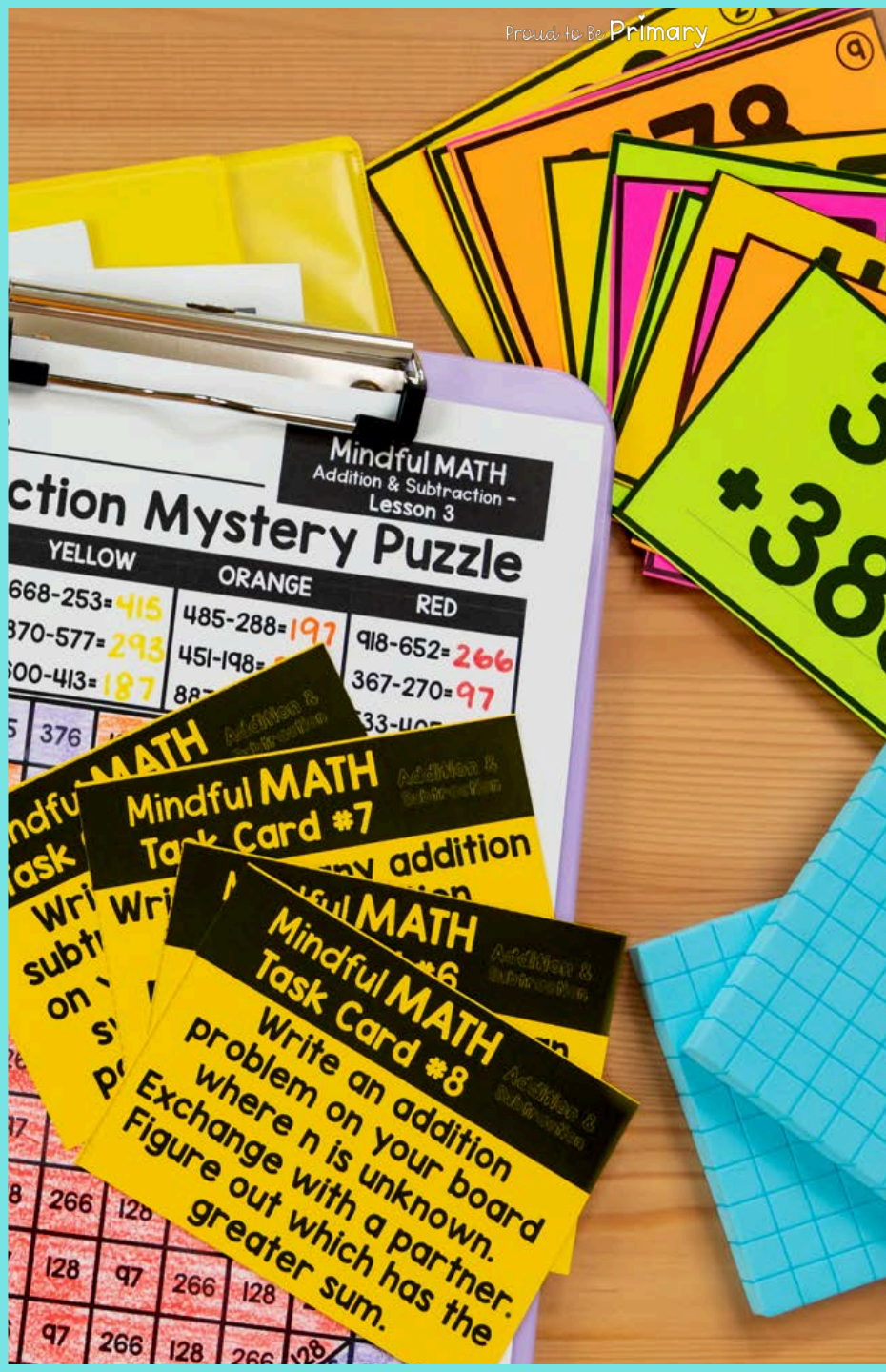
## Lesson Materials


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.



# 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





# Mindful MATH

aligns to the  
standards

- 2.OA.B.2
- 2.NBT.A.4
- 3.NBT.A.2
- 3.OA.D.8

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

# Mindful MATH

Proud to Be Primary

## 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

With Elyse from Proud to Be **Primary**

Learn about teaching math  
effectively in our  
**FREE** e-course.  
**CLICK** to join!



Learn How to Teach  
**MATH**  
Effectively in K-3

FREE lessons  
& activities

With Proud to Be **Primary**



## Mindful **MATH** Curriculum for K-3

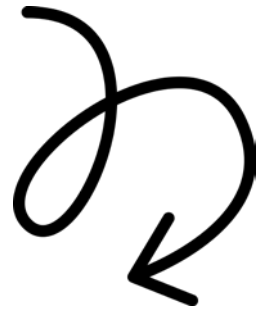


Click the images to see the Mindful Math curriculum  
**BUNDLES** with **EVERYTHING** you need for the whole year!

# Want a FREE Sample of Mindful MATH?



SIGN UP TO GET A MINDFUL MATH 3<sup>rd</sup>  
Grade LESSON & MATERIALS FOR  
FREE!



I'd love for you to try a  
sample of 3<sup>rd</sup> Grade Mindful  
Math with your students to  
see if it is a perfect fit for  
you and your students!

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