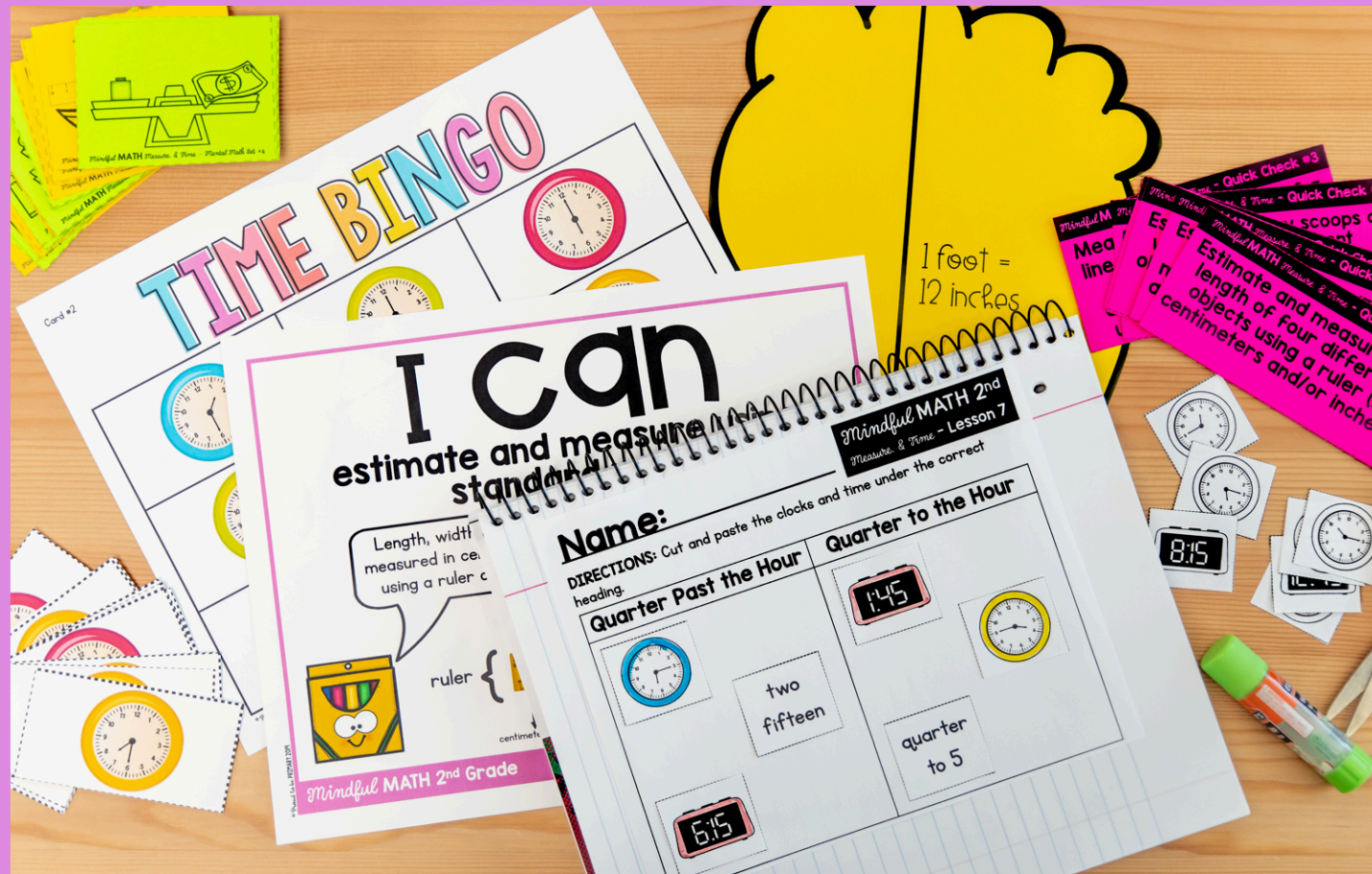


# Mindful MATH

Proud to Be Primary

## Measurement & Time



2nd Grade Comprehensive Math Curriculum



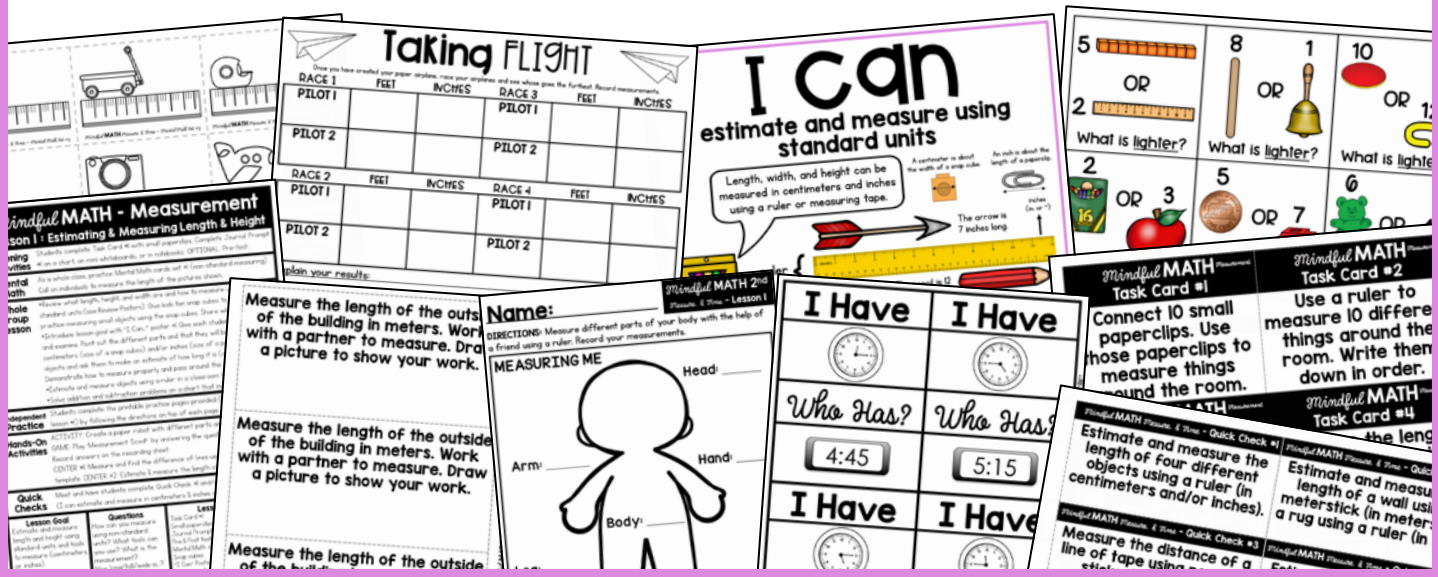
# Mindful MATH



## Measurement & Time

### What is Included in this Comprehensive Unit:

- ♥ A month's worth of instruction
- ♥ Standard-based lessons
- ♥ 10 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



## Measurement & Time

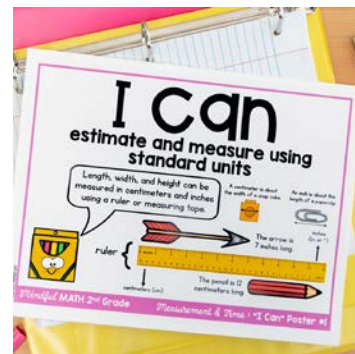
What's included in this 500+ page unit:

Detailed Lesson Plans

Booklists

Posters & Materials

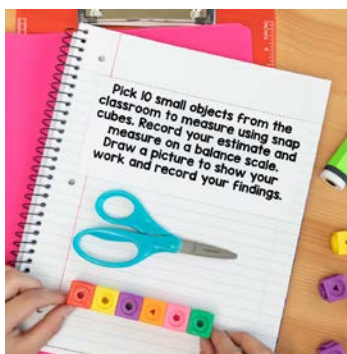
Mindful MATH - Measurement					
Lesson 1: Estimating & Measuring Length & Height					
<b>Opening Activities</b> Review concepts: Use Card #1 with students and paperclip. Complete Journal Entry #1 on a sheet or on mini-whiteboards or on index cards. (15-20 min.) The goal: For each item, students should be able to estimate the length or height of an object or on mini-whiteboards or on index cards. (15-20 min.)					
<b>Mental Math</b> For each item, students should be able to estimate the length or height of an object or on mini-whiteboards or on index cards. (15-20 min.)					
<b>Whole Group Lesson</b> Review about length, height and width. It is how the distance from one standard unit to the next. (10 min.) Use each object to estimate and measure. (10 min.) Use each object to estimate and measure. (10 min.) Use each object to estimate and measure. (10 min.)					
<b>Independent Practice</b> Students complete the practice practice paper provided. (10 min.)					
<b>Hands-On Activities</b> Students complete the practice practice paper provided. (10 min.)					
<b>Quick Checks</b> Students complete the practice practice paper provided. (10 min.)					
<b>Lesson Goal</b> Students complete the practice practice paper provided. (10 min.)	<b>Questions</b> Students complete the practice practice paper provided. (10 min.)	<b>Lesson Materials</b> Students complete the practice practice paper provided. (10 min.)			



Task Cards

Math Journals

Mental Math Cards





# Mindful MATH



## Measurement & Time

What's included in this 500+ page unit:

Worksheets



Number Book



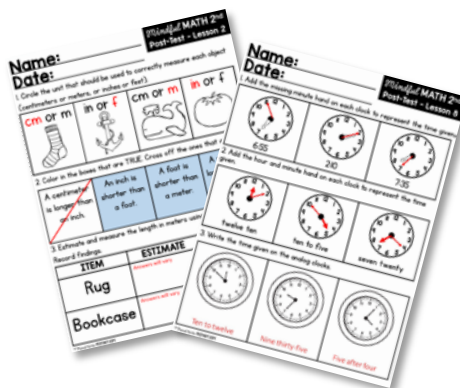
Hands-On Activities



Assessments



Answer Keys



Centers





# This Mindful MATH unit covers

- ♥ Estimate & measure length & height (centimeters & inches)
- ♥ Estimate & measure length (meters & feet)
- ♥ Distance
- ♥ Weight
- ♥ Capacity
- ♥ Time to quarter hour
- ♥ Time to nearest 5 minutes
- ♥ Temperature & thermometer
- ♥ Days, weeks, months, & years

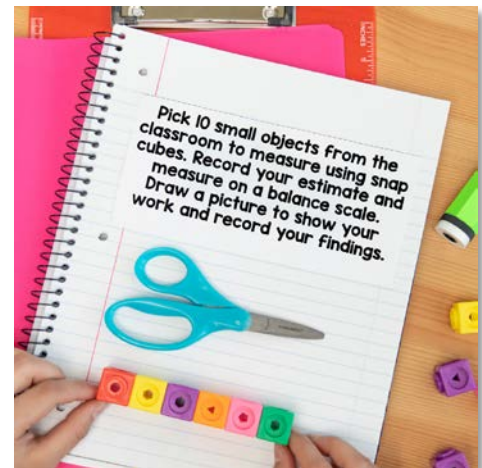




# Mindful MATH

## 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



Alyce B. 



This was the perfect unit to start Kindergarten this year. It had just the right amount of review and "new." I really liked the teacher resources to practice the skills. There are a so many choices for worksheets, that was great. Thank you!

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 - Measurement	
Lesson 1 : Estimating & Measuring Length & Height	
<b>Opening Activities</b>	Students complete Task Card #1 with small paperclips. Complete Journal Prompt #1 on a chart, on mini whiteboards, or in notebooks. OPTIONAL: Pre-test.
<b>Mental Math</b>	As a whole class, practice Mental Math cards set #1 (non-standard measuring). Call on individuals to measure the length of the pictures shown.
<b>Whole Group Lesson</b>	<ul style="list-style-type: none"> <li>*Review what length, height, and width are and how to measure using non-standard units (see Review Posters). Give kids ten small cubes to connect and practice measuring small objects using the space between the cubes. What they find out.</li> <li>*Introduce lesson goal with "I Can" poster #1. Give each student a ruler to hold and examine. Point out the different parts of a ruler that they will be measuring using centimeters (size of a snap cube), and inches (size of a paperclip). Hold up objects and ask them to make an estimation of how long it is (cm and/or inches). Demonstrate how to measure the paperclip and pass it around the object to check.</li> <li>*Estimate and measure objects using the ruler. Classroom hunt (use template).</li> <li>*Solve addition and subtraction problems on a task card that involve measurements.</li> </ul>
<b>Independent Practice</b>	Students complete the printable practice pages provided (5 page options for lesson #1) by following the directions on top of each page.
<b>Hands-On Activities</b>	ACTIVITY: Create a paper ruler with different parts and measure each part. GAME: Play "Measure, Measure, Measure" by answering the questions on each card. Record answers on the recording sheet. CENTER #1: Measure and find the difference of lines using the ruler. Record on template. CENTER #2: Estimate & measure the length of each picture. Record.
<b>Quick Checks</b>	Meet and have students complete Check Check #1 and/or a post-test assessment (I can estimate and measure in centimeters & inches using a ruler).
<b>Lesson Goal</b>	Estimate and measure length and height using standard units and tools to measure (centimeter or inches).
<b>Vocabulary</b>	estimate, measure, inch, centimeter
<b>Lesson Materials</b>	Task Card #1 Small paperclips Journal Prompt #1 Pre & Post tests Mental Math set #1 Snap cubes "I Can" Poster #1 Review posters Class set of rulers Small objects Class hunt template Chart paper Practice pages Robot craft pieces Measurement Scoot Center #1 Center #2 Quick Check #1

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.

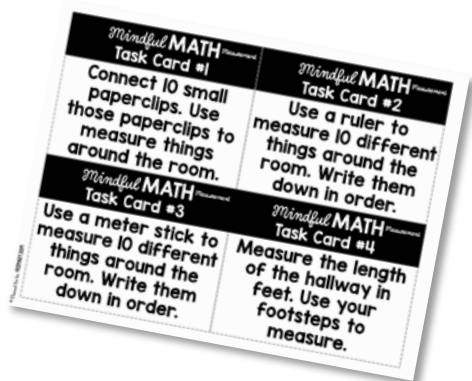


# Mindful MATH



## 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!





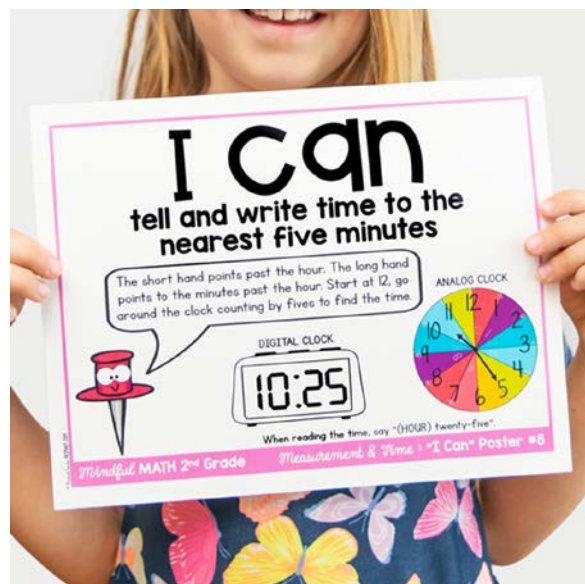
# Mindful MATH



## "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.



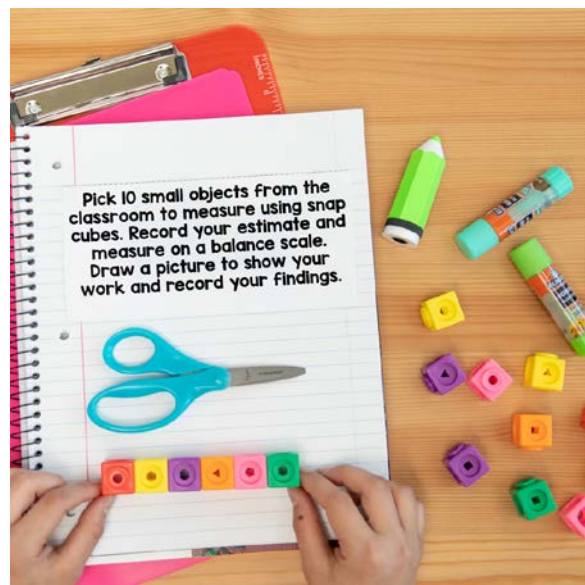


# Mindful MATH



## 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!



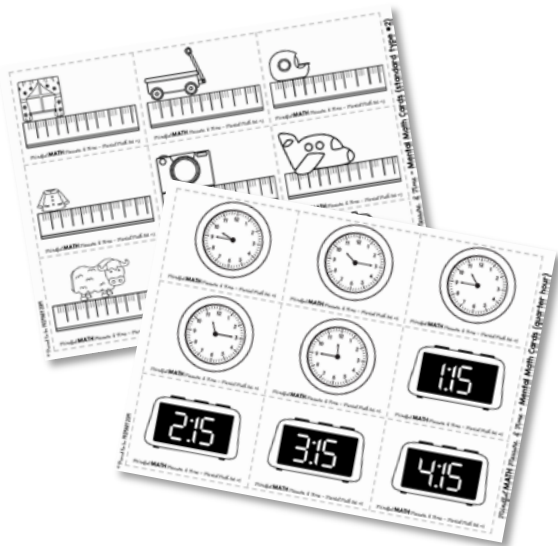


# Mindful MATH



## 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!



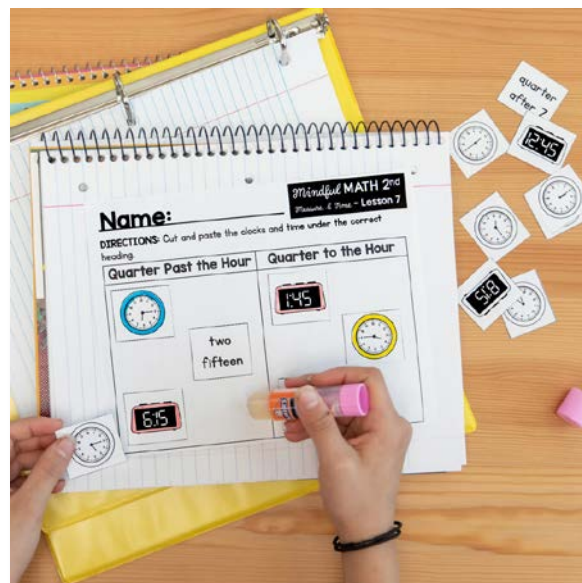
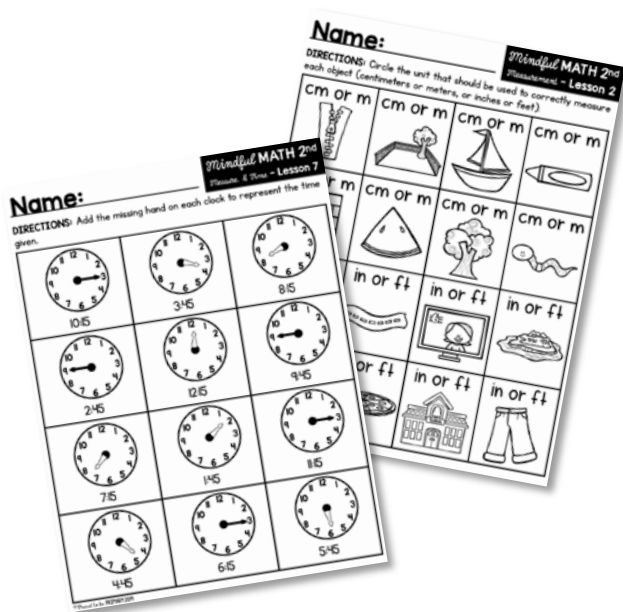


# Mindful MATH



## 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.



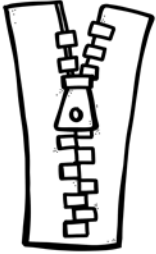


Name: \_\_\_\_\_

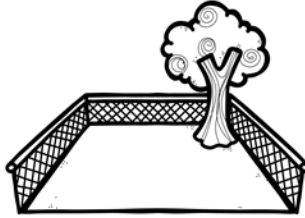
*Mindful* MATH 2<sup>nd</sup>  
Measurement - Lesson 2

**DIRECTIONS:** Circle the unit that should be used to correctly measure each object (centimeters or meters, or inches or feet).

cm or m



cm or m



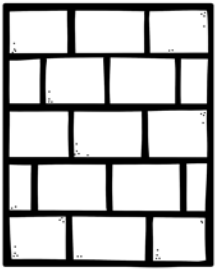
cm or m



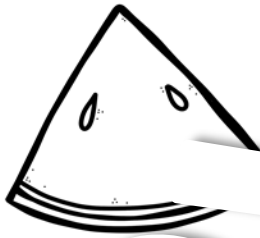
cm or m



cm or m



cm or m



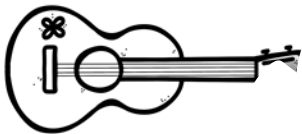
cm or m



cm or m



in or ft



in or ft



in or ft



in or ft



in or ft



in or ft



in or ft



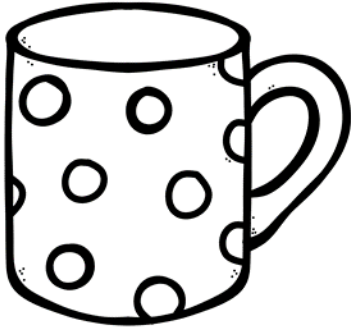
in or ft





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

**DIRECTIONS:** Fill each container using a small cup. Count and record how many cups of rice it takes to fill the container.



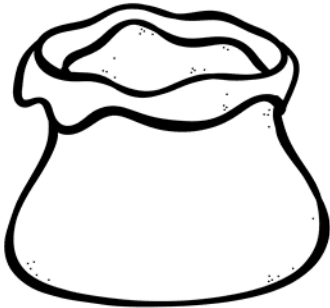
cups = \_\_\_\_\_



cups = \_\_\_\_\_



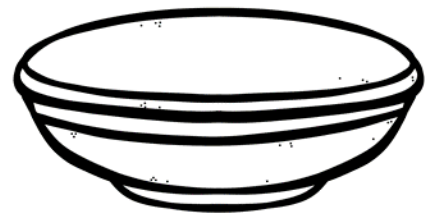
cups = \_\_\_\_\_



cups = \_\_\_\_\_



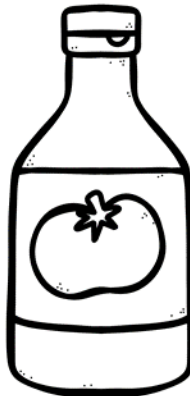
cups = \_\_\_\_\_



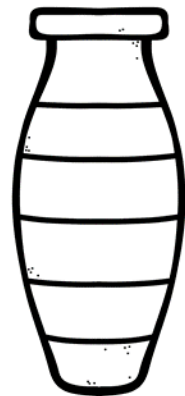
cups = \_\_\_\_\_



cups = \_\_\_\_\_



cups = \_\_\_\_\_



cups = \_\_\_\_\_

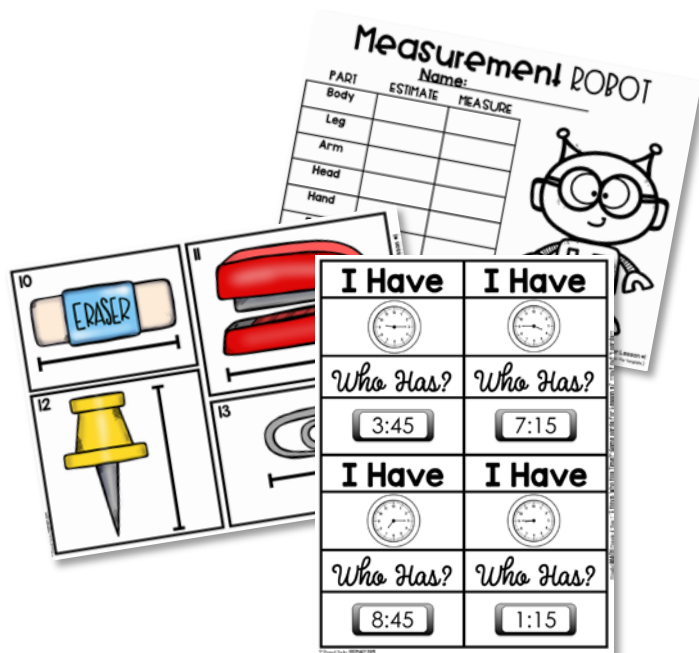


# Mindful MATH



## 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!



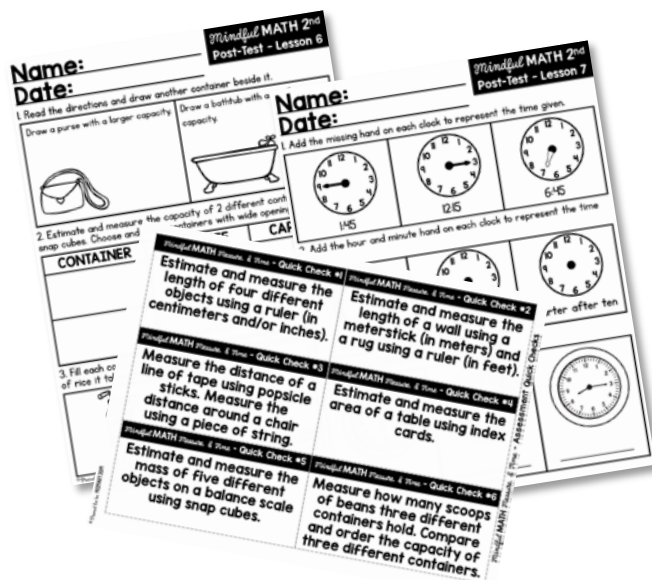


# Mindful MATH



## Math Assessments

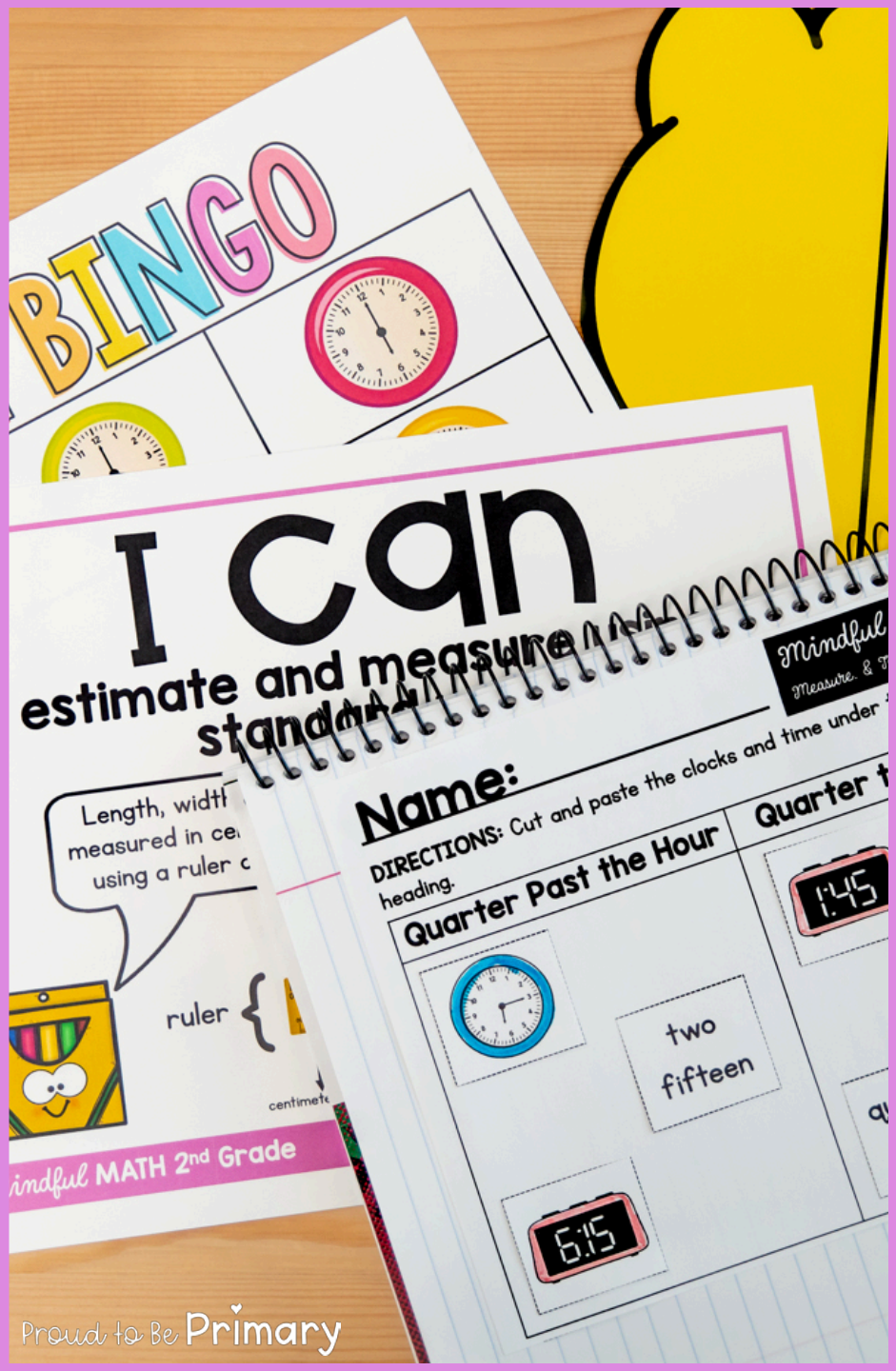
There are three assessments included for every lesson: A 2-page pre-test and post-test, as well as a Quick Check assessment task card. The post-test help provide you with data about what your student knows and if they have acquired the necessary skills they need to know. Use the Quick Checks as a short 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 <sup>Proud to Be Primary</sup> MATH

Erin P.



Mindful Math is my go to for math in Kindergarten! So well thought out and engaging! Great Resource!

Our math units are enjoyed in thousands of classrooms worldwide!



# Mindful MATH

aligns to the  
standards

- 2.MDA.1
- 2.MDA.2
- 2.MDA.3
- 2.MDA.4
- 2.MDB.5
- 2.MD.C.7

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 Measurement – Overview

Correlated to the United States Common Core Standards

Lesson 1	Estimate & measure length and height (centimeters & inches)	2.MD.A.1 2.MD.A.2 2.MD.A.3	2.MD.A.4 2.MD.B.5
Lesson 2	Estimate & measure length (meters & feet)	2.MD.A.1 2.MD.A.3 2.MD.B.5	
Lesson 3	Estimate & measure distance and distance around objects	2.MD.A.1 2.MD.A.3	
Lesson 4	Estimate & measure area using non-standard units	Not mentioned but provides valuable practice in mathematical concepts.	
Lesson 5	Estimate, measure, compare, & order weight using non-standard units	Not mentioned but provides valuable practice in mathematical concepts.	
Lesson 6	Estimate, measure, compare, & order capacity using non-standard units	Not mentioned but provides valuable practice in mathematical concepts.	
Lesson 7	Tell & write time to the quarter hour (digital & analog clocks)	2.MD.C.7	
Lesson 8	Tell & write time to the nearest 5 minutes (digital & analog clocks)	2.MD.C.7	
Lesson 9	Temperature & the standard thermometer	Not mentioned but provides valuable practice in mathematical concepts.	
Lesson 10	Days, weeks, months, & years	Not mentioned but provides valuable practice in mathematical concepts.	



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

## Measurement – Overview

Correlated to the NEW Ontario, Canada's Grade 2 Math Curriculum

Lesson 1	Estimate & measure length and height (centimeters & inches)	E2.2 E2.3
Lesson 2	Estimate & measure length (meters & feet)	E2.2 E2.3
Lesson 3	Estimate & measure distance and distance around objects	Not covered in curriculum
Lesson 4	Estimate & measure area using non-standard units	E1.2
Lesson 5	Estimate, measure, compare, & order weight using non-standard units	Not covered in curriculum but provides valuable practice
Lesson 6	Estimate, measure, compare, & order capacity using non-standard units	Not covered in curriculum but provides valuable practice
Lesson 7	Tell & write time to the quarter hour (digital & analog clocks)	Not covered in curriculum but provides valuable practice
Lesson 8	Tell & write time to the nearest 5 minutes (digital & analog clocks)	Not covered in curriculum but provides valuable practice
Lesson 9	Temperature & the standard thermometer	Not covered in curriculum but provides valuable practice
Lesson 10	Days, weeks, months, & years	Not covered in curriculum but provides valuable practice



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

## Measurement – Overview

Correlated to British Columbia, Canada's BIG Ideas for Grade 2 & 3

Lesson 1	Estimate & measure length and height (centimeters & inches)	Direct Linear Measurement
Lesson 2	Estimate & measure length (meters & feet)	Direct Linear Measurement
Lesson 3	Estimate & measure distance and distance around objects	Direct Linear Measurement
Lesson 4	Estimate & measure area using non-standard units	Not mentioned but provides valuable practice in mathematical concepts.
Lesson 5	Estimate, measure, compare, & order weight using non-standard units	Not mentioned but provides valuable practice in mathematical concepts.
Lesson 6	Estimate, measure, compare, & order capacity using non-standard units	Not mentioned but provides valuable practice in mathematical concepts.
Lesson 7	Tell & write time to the quarter hour (digital & analog clocks)	Not mentioned but provides valuable practice in mathematical concepts.
Lesson 8	Tell & write time to the nearest 5 minutes (digital & analog clocks)	Not mentioned but provides valuable practice in mathematical concepts.
Lesson 9	Temperature & the standard thermometer	Not mentioned but provides valuable practice in mathematical concepts.
Lesson 10	Days, weeks, months, & years	Not mentioned but provides valuable practice in mathematical concepts.



# How to Teach **math** Easily & Effectively

With Elyse from Proud to Be **Primary**

Learn about teaching math effectively in K-2 in our **FREE** e-course.  
**CLICK to join!**



## 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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LESSON & MATERIALS FOR FREE!



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!

**CLICK HERE TO**  
**GRAB YOUR**  
**FREE SAMPLE!**



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.