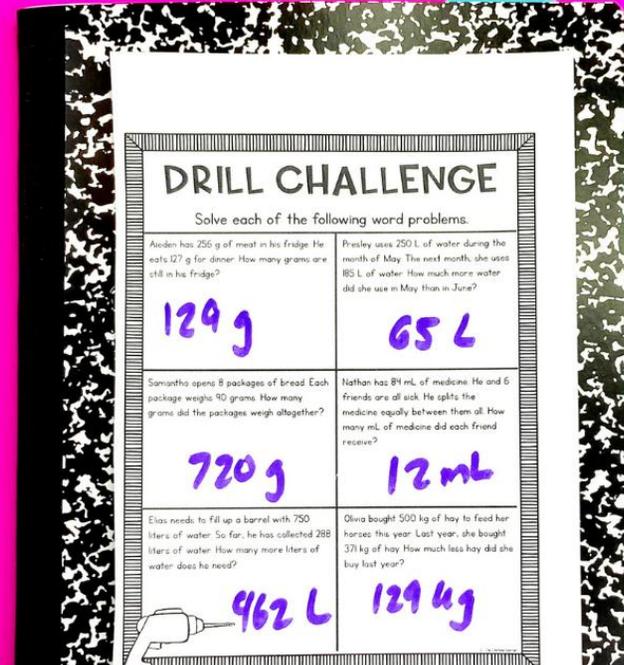


WHAT IS THIS?

It's a low-prep room transformation!



Use the 10 math challenges, included decor, and more for a fun & easy room transformation!



Simply print the academic challenges, put up a few included decor items, and you're ready for a great day!

Room transformations can be stress-free and low-prep.

Keep scrolling to learn how!



Let's start with the basics...

What is a classroom transformation?

A classroom transformation changes your room into a certain setting or theme to engage students in their own learning with rigorous content.



Donut Shop Day



Rock Star Day



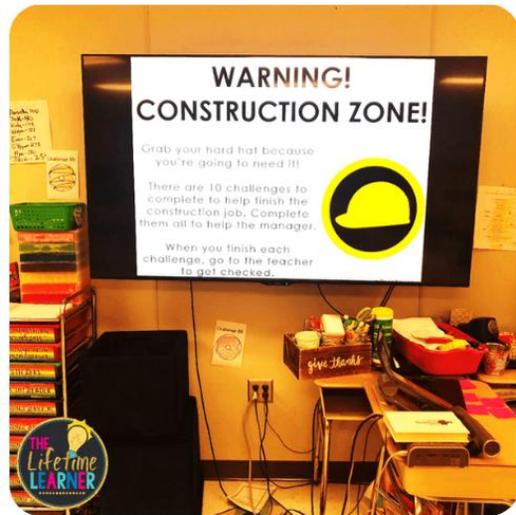
Camping Day

You don't have to spend hours of your time setting up a room transformation or spend lots of money to make it **SO MUCH FUN!**

STEP 1:

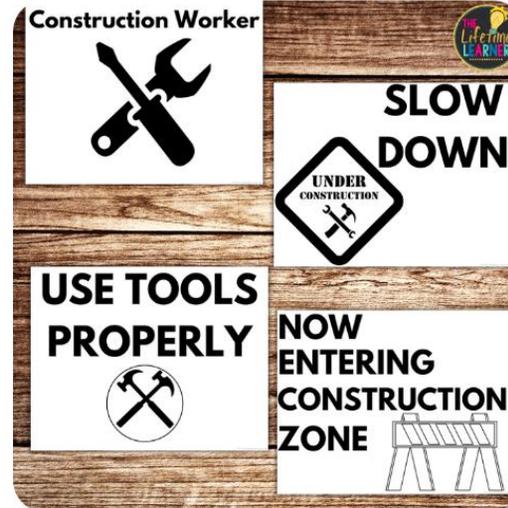
Tell your class they are **construction workers today!**

They will practice measurement by solving conversion word problems in activities set up around the room. You can do this for a day, a few days, or over the course of a week!



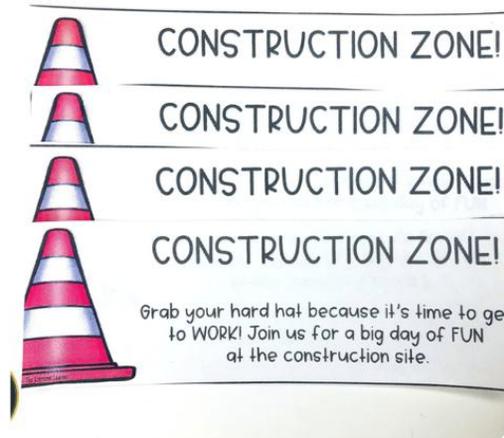
Flexibility is key.

Need to modify? No problem!
Choose how many centers students will need to complete and what time frame they have to meet YOUR needs.



Set-up is quick and easy.

Simply print the posters, 10 activities, and a recording sheet for each student. Place them around your room and you're ready to begin!



STEP 2:

Let students move around the room and complete each center. They can be completed in any order. All centers include practice with measurement by solving conversion word problems.

Optional Recording Sheet

When a student finishes a center, you sign that spot on their recording sheet to keep track of what they've completed.

Freedom to choose.

Students can work in partners, rotations, groups, or independently. Your choice!

CONSTRUCTION ZONE
Put a check next to each object once you've completed that challenge.

 <input type="checkbox"/>	 <input type="checkbox"/>
Length: <input type="text"/>	Length: <input type="text"/>
 <input type="checkbox"/>	 <input type="checkbox"/>
Length: <input type="text"/>	Length: <input type="text"/>
 <input type="checkbox"/>	 <input type="checkbox"/>
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 <input type="checkbox"/>	 <input checked="" type="checkbox"/>
Length: <input type="text"/>	Length: <input type="text"/>
 <input type="checkbox"/>	 <input type="checkbox"/>
Length: <input type="text"/>	Length: <input type="text"/>

AXE CHALLENGE

The total mass of 6 pieces of wood is 36 grams. What is the mass of each piece of wood.
 $36 \div 6 = 6$
grams each

A construction worker goes to the store and buys 9 axes for \$8.25 each. How much money did he spend in all?
$$\begin{array}{r} \times 8.25 \\ \times 9 \\ \hline \$74.25 \end{array}$$

You start chopping down trees with your ax at 8:45. It takes you 30 minutes to chop down each tree. If you have chopped down 9 trees so far, what time is it?
$$\begin{array}{r} 8:45 \\ + 4:30 \\ \hline 12:75 \rightarrow 1:15 \end{array}$$

The tree you just chopped down weighs 848 pounds. If you cut off half of it with your saw, how much does it weigh now?
$$\begin{array}{r} 848 \\ \div 2 \\ \hline 424 \end{array}$$

pounds

STEP 3:

When students finish all activities you've assigned, they win! You can give them the included certificate, coloring page, or a small prize of your choice.

A shopping guide is also included to give you suggestions of optional "extras" you could add in.

Remember:

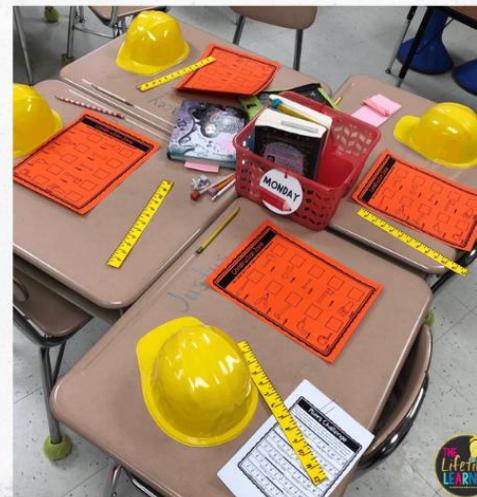
Anything different from a "normal" day in the classroom is special to students! A reward at the end isn't required during a classroom transformation.



Certificate



Coloring Page



In Action Pic



Prize

STEP 4:

Most of the time, there are early finishers. These kiddos get to go around the room and read fun facts about the topic! No one is ever bored.

Choose from 3 versions!

Digital Scavenger Hunt

Let students "find" the facts on Google Slides

Printable Facts

Hang facts around room

QR Codes

Students scan to read fun facts



1

2

3

THE CONTENT:

10 themed math challenges aligned to math standards

HAMMER CHALLENGE

Your boss forgot his hammer at his house today. You drive 24.8 miles to pick it up for him and then drive the same distance back. How far did you drive in all?

The next day, your boss forgets his hammer again. You drive 12.9 miles there before he calls and says he actually did bring it. How far away were you from his house when you called?



WRENCH CHALLENGE

Solve each of the following word problems below.

Joanne has 1000 pints of ice cream in her freezer. Over the course of the year, she eats 587 of them. How much ice cream remains in her freezer?

Luis's car uses 9 gallons of gas each day on his way to work. How much gas does it use in 12 days?

Zoe is trying to drink 7 gallons of water each week. For 3 weeks, she is successful. The next 3 weeks, she only drinks 4 gallons of water each day. How much water did she drink total so far?

Jessica, Jennifer, Linda, Mark, and Meagan each have 5 pints of milk. How much milk do they have altogether?

Sally drinks 3 quarts of water a day for 5 days. She then drinks 2 quarts of water for 9 days. How much water did she drink in all?

Cassie and 6 friends will all be making 8 gallons of hot chocolate today. How much hot chocolate did they make total?



SAW CHALLENGE

THE MALLET CHALLENGE

Choose the item that best matches the description for each below.

1 foot long



1 yard long



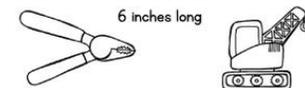
6 centimeters long



1 inch long



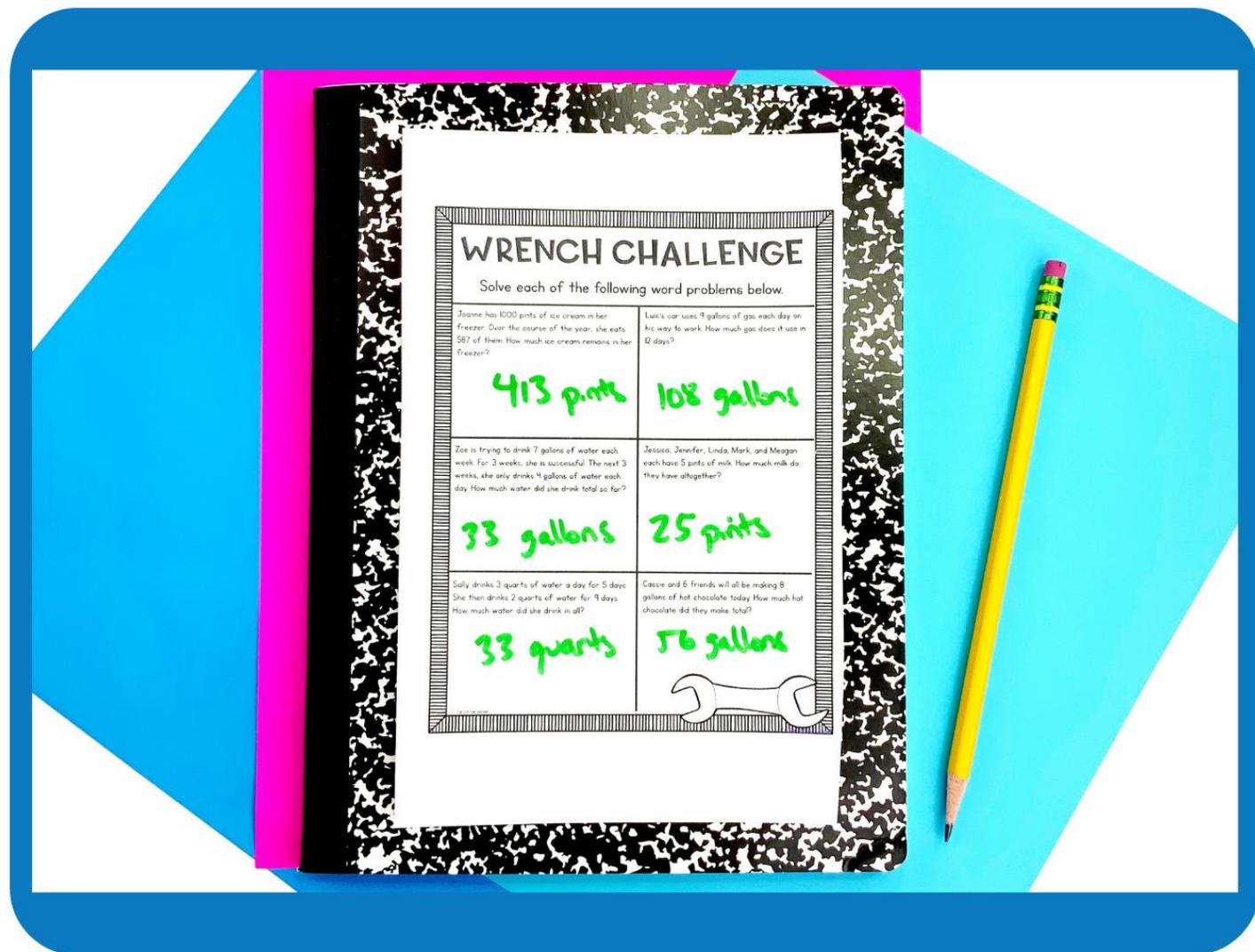
6 inches long



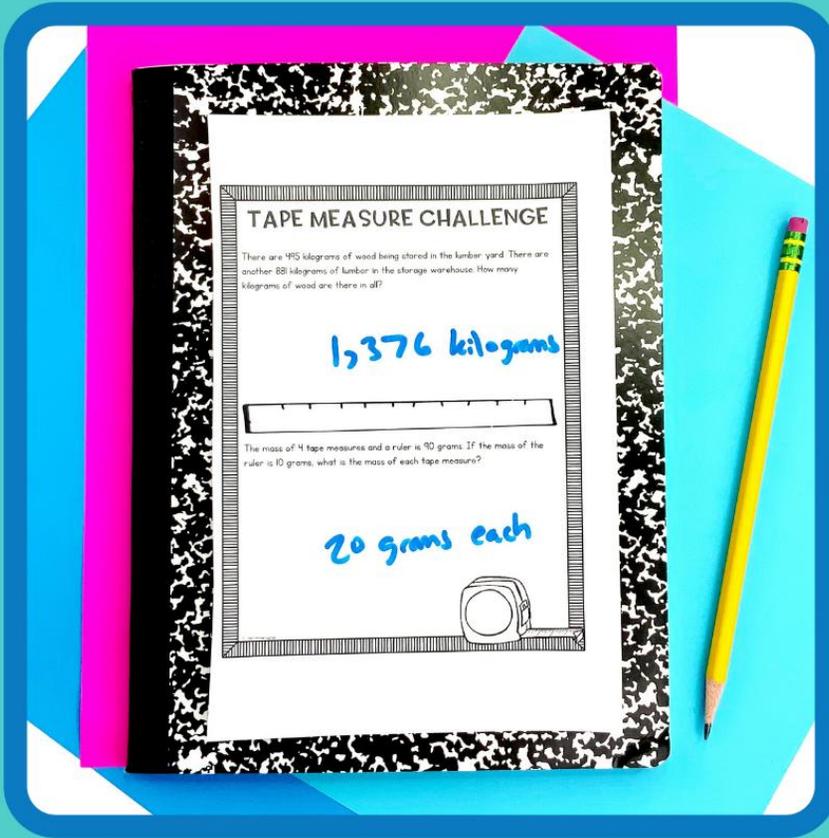
HOW TO USE THIS:

Ideas for Implementation:

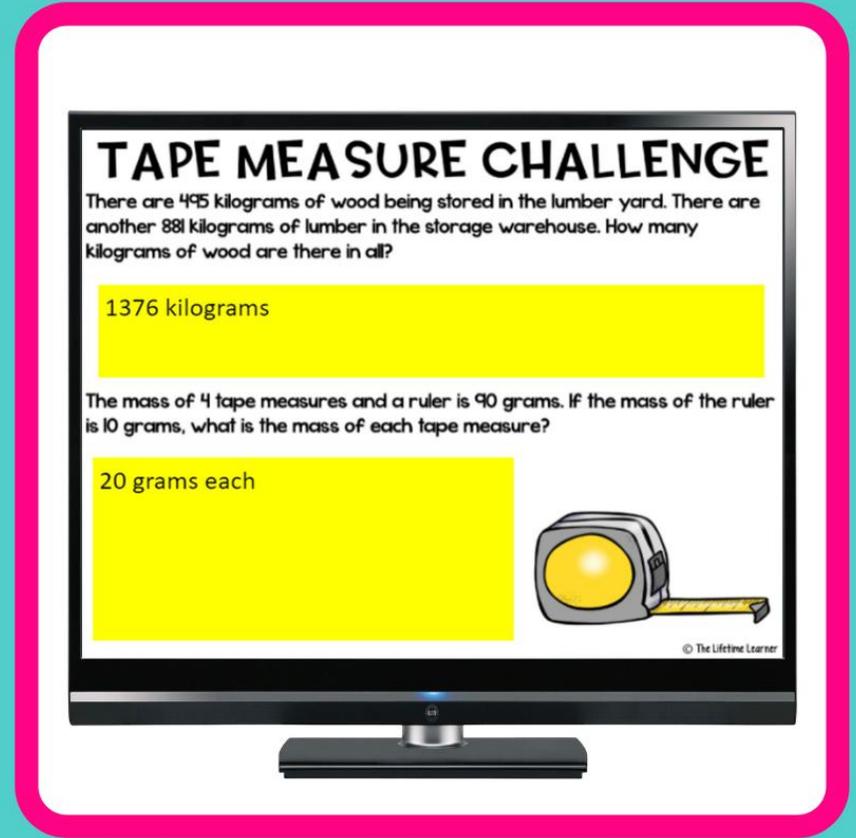
- pick and choose the centers you want to use: do what works best for your class!
- you can have students work individually, in partners, or small groups--any way works!
- give students 1-2 hours to complete all 10 activities
- give less than 10 challenges to students if you are short on time
- OR spread the room transformation out over a couple of days



PRINT & DIGITAL



Print & Go



Google Slides

Choose the format
that works best for you!

Every activity relates to real-life mathematics!

HAMMER CHALLENGE

Your boss forgot his hammer at his house today. You drive 24 minutes to work and then drive the same distance back. How far did you drive today?

SCREWDRIVER CHALLENGE

You are at work on the construction site 8 hours each day. If you spend 40 minutes in the morning using your screwdriver and 85 minutes in the afternoon using your screwdriver, how many hours and minutes do you spend doing other tasks during the day?

PLIERS CHALLENGE

You use your pliers to take some wire off of a large water barrel. The barrel is 3 liters of water inside. You cut the wire too close and the water splashes. You splash 450 milliliters of water.

WRENCH CHALLENGE

Solve each of the following word problems.

NAIL CHALLENGE

Throughout the day, you get thirsty and take a break every once in a while. You drink $\frac{1}{2}$ a liter of water before lunch, $2\frac{1}{2}$ liters of water at lunch, and $1\frac{1}{2}$ liters of water after lunch. How many liters of water did you drink in all today?

SAWDUST CHALLENGE

The work site has 50 pounds of sawdust in a wheelbarrow that he dumps into the trash heap. You sneeze while moving it and 12 ounces of sawdust fall on the ground. How much sawdust is still in the wheelbarrow you are using?

AXE CHALLENGE

The total mass of 6 pieces of wood is 36 grams. What is the mass of one piece of wood?

TAPE MEASURE CHALLENGE

There are 495 kilograms of wood being stored in the lumber yard. There are another 881 kilograms of lumber in the storage warehouse. How many kilograms of wood are there in all?

DRILL CHALLENGE

Solve each of the following word problems.

John has 12 pounds of meat in his fridge. He uses 2 pounds of meat for dinner. How many grams are left?

Presley uses 250 L of water during the month of May. The next month, she uses 185 L of water. How much more water did she use in May than in June?

focuses on:
measurement by solving
conversion word problems

TAPE MEASURE CHALLENGE

There are 495 kilograms of wood being stored in the lumber yard. There are another 881 kilograms of lumber in the storage warehouse. How many kilograms of wood are there in all?

1376 kilograms

The mass of 4 tape measures and a ruler is 90 grams. If the mass of the ruler is 10 grams, what is the mass of each tape measure?

20 grams each

WRENCH CHALLENGE

Solve each of the following word problems below.

Joanne has 1000 pints of ice cream in her freezer. Over the course of the year, she eats 587 of them. How much ice cream remains in her freezer?

413 pints

Luis's car uses 9 gallons of gas each day on his way to work. How much gas does it use in 12 days?

108 gallons

Zoe is trying to drink 7 gallons of water each week. For 3 weeks, she is successful. The next 3 weeks, she only drinks 4 gallons of water each day. How much water did she drink total so far?

33 gallons

Jessica, Jennifer, Linda, Mark, and Meagan each have 5 pints of milk. How much milk do they have altogether?

25 pints

AXE CHALLENGE

The total mass of 6 pieces of wood is 36 grams. What is the mass of each piece of wood.

6 grams each

A construction worker goes to the store and buys 9 axes for \$8.25 each. How much money did he spend in all?

\$74.25

You start chopping down trees with your ax at 8:45. It takes you 30 minutes to chop down each tree. If you have chopped down 9 trees so far, what time is it?

1:15

SAW CHALLENGE

The lead carpenter on the work site has 50 pounds of sawdust in a wheelbarrow that he needs you to dump in the trash heap. You sneeze while moving it and 12 ounces of sawdust falls on the ground. How much sawdust is still in the wheelbarrow you are moving?

49 lbs. 4 ounces

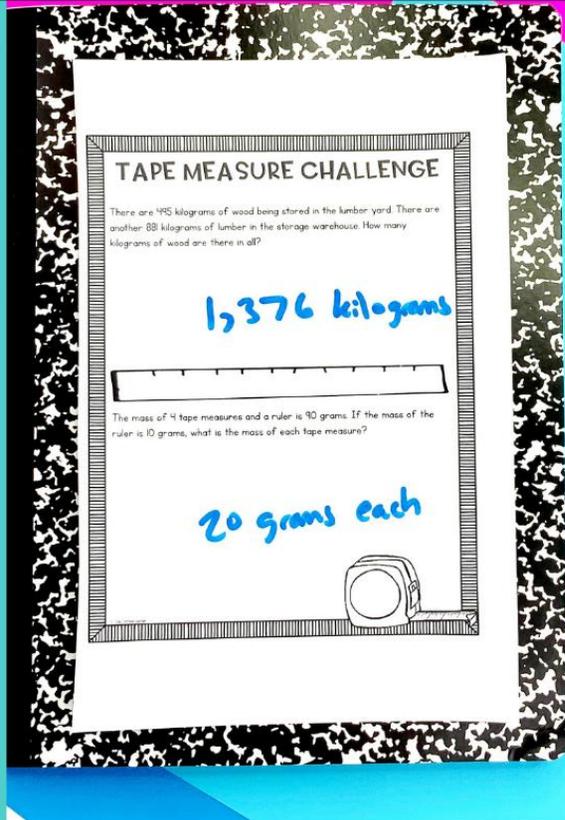
You walk a little down the lot with the wheelbarrow. You sneeze and another 8 ounces of sawdust falls out of the wheelbarrow. How much sawdust remains in the wheelbarrow?

48 lbs. 12 ounces

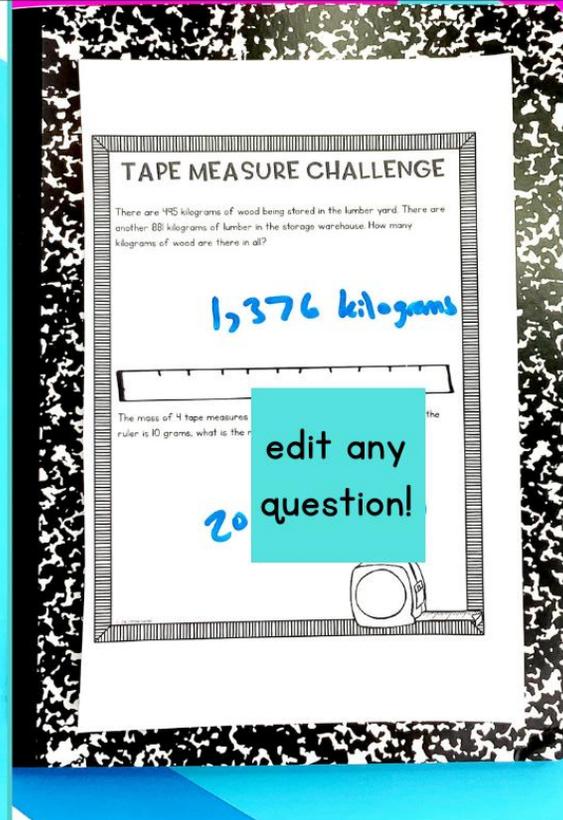
Wow! Your allergies are really acting up today. You sneeze and another 15 ounces of sawdust falls on the

Digital Version: Google Slides

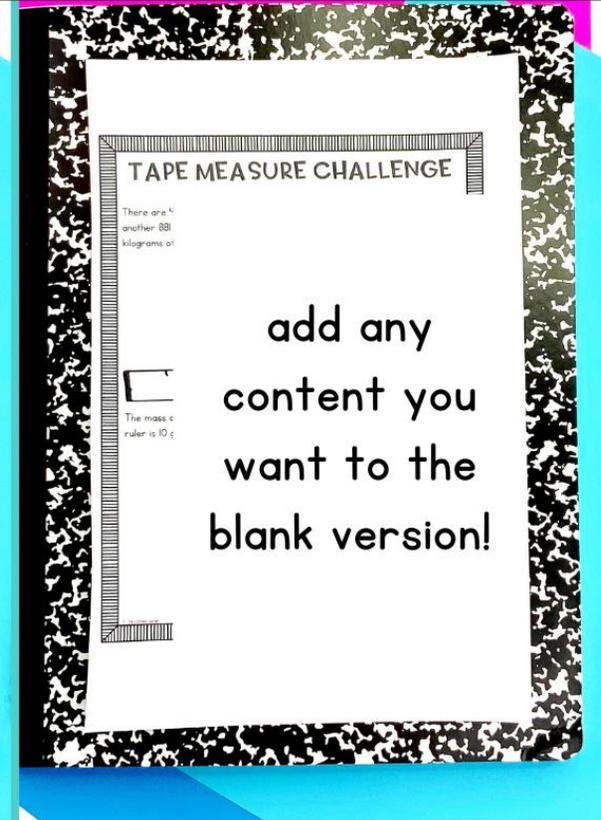
Questions are 100% editable!



10 Pre-Made
Challenges:
Print & Go



10 Pre-Made
Challenges:
Editable Version



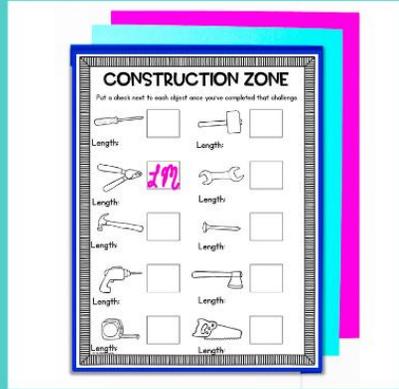
10 Blank Challenges
To Add Your Own
Content

3 Versions Included

WHAT'S INCLUDED?



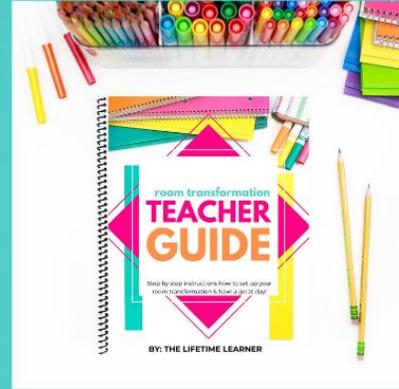
10 Color & B/W Posters



Recording Sheets



Blog Post Ideas



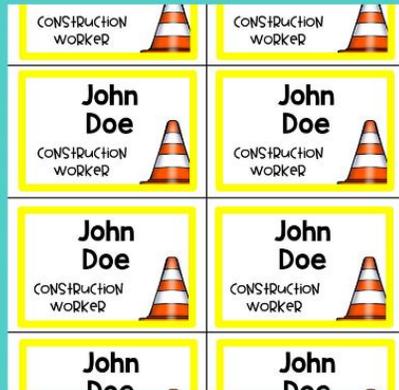
Teacher Guide



Door Decor



Printable Hats



Name Tags



Coloring Page



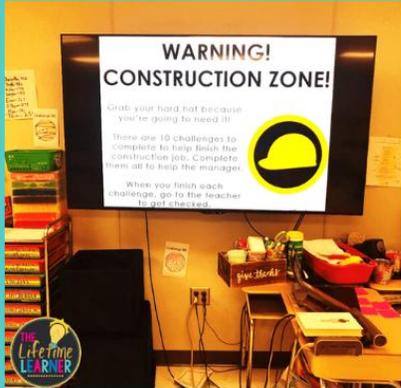
Folder Insert



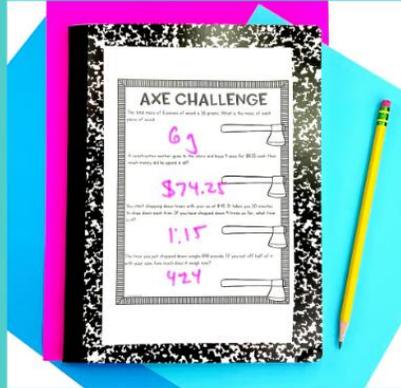
Decor Posters

keep scrolling to see more!

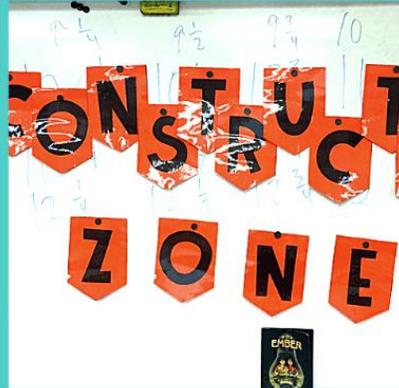
WHAT'S INCLUDED?



Welcome Slide



Editable Versions



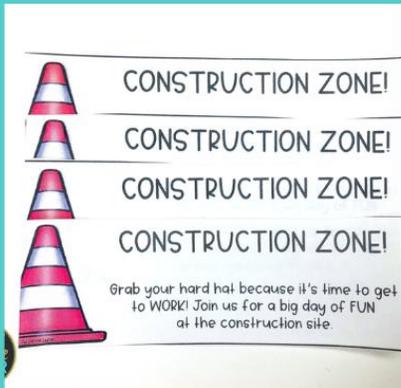
Banner



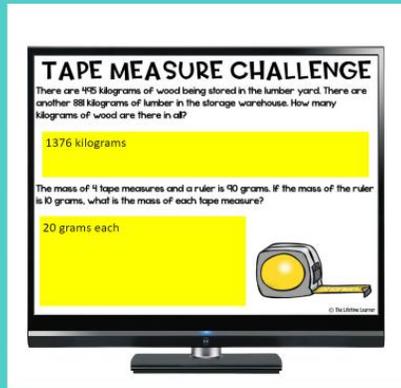
Certificate



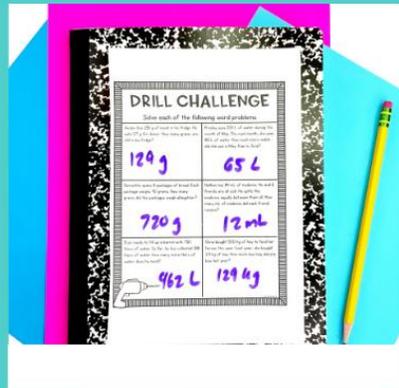
Shopping Guide



Admission Tickets



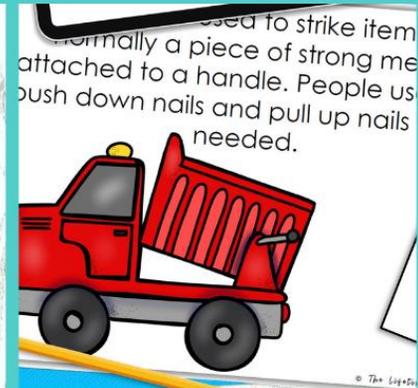
Digital Version



Answer Keys



QR Codes



Fun Facts

jam-packed with fun, rigor, and engagement!

other resources this pairs well with:

Differentiate by grabbing math for multiple grade levels!

Or, add in some reading to your themed learning day!



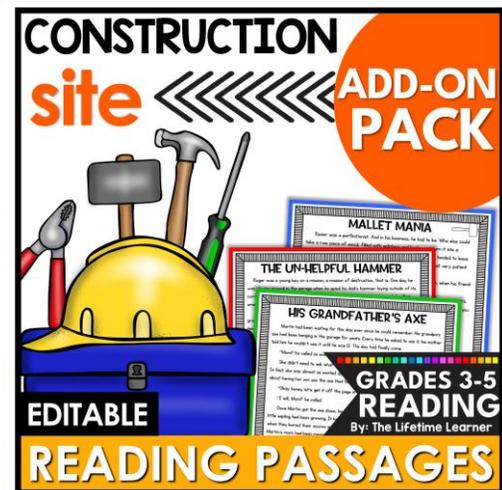
CONSTRUCTION site measure with rulers
3.MD.4
EDITABLE
3RD GRADE MATH
By: The Lifetime Learner
ROOM TRANSFORMATION



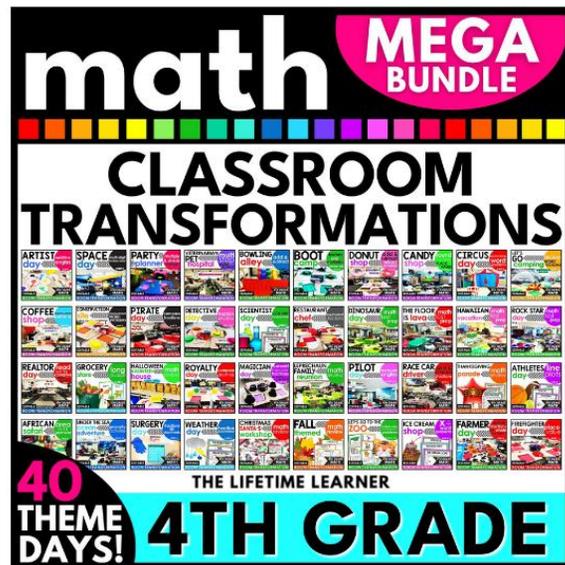
CONSTRUCTION site measurement problems
5.MD.1
EDITABLE
5TH GRADE MATH
By: The Lifetime Learner
ROOM TRANSFORMATION



CONSTRUCTION site nonfiction context clues
EDITABLE
GRADES 3-5 READING
By: The Lifetime Learner
ROOM TRANSFORMATION



CONSTRUCTION site ADD-ON PACK
EDITABLE
GRADES 3-5 READING
By: The Lifetime Learner
READING PASSAGES



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CLASSROOM TRANSFORMATIONS
40 THEME DAYS!
THE LIFETIME LEARNER
GRADES 3-5

classroom transformations

low prep, fun, and engaging!



K-5 MATH & READING



THE LIFETIME LEARNER'S CLASSROOM TRANSFORMATIONS ARE:

1. Engaging to Students
2. Classroom Tested (and Student-Approved)
3. Print and Digital Compatible
4. Jam-Packed with Content
5. Aligned to Math Standards
6. Easy to Implement
7. Flexible for Every Classroom
8. Versatile Ways to Reward Students
9. Rigorous Student Learning Activities

All content is included so you can simply **print**
and get ready for an **AMAZING** experience
with your students!



Please Note:

- **There are 10 math challenges provided as well as décor, a fast finisher activity, and additional extras.**
- **The digital version is provided in Google Slides.**
- **Nervous about trying your first room transformation? You'll be hooked once you try one! I promise!**
- **Feel free to contact me if you have questions or want to chat about room transformations. You can email me at lindsaythelifetimelearner@gmail.com**