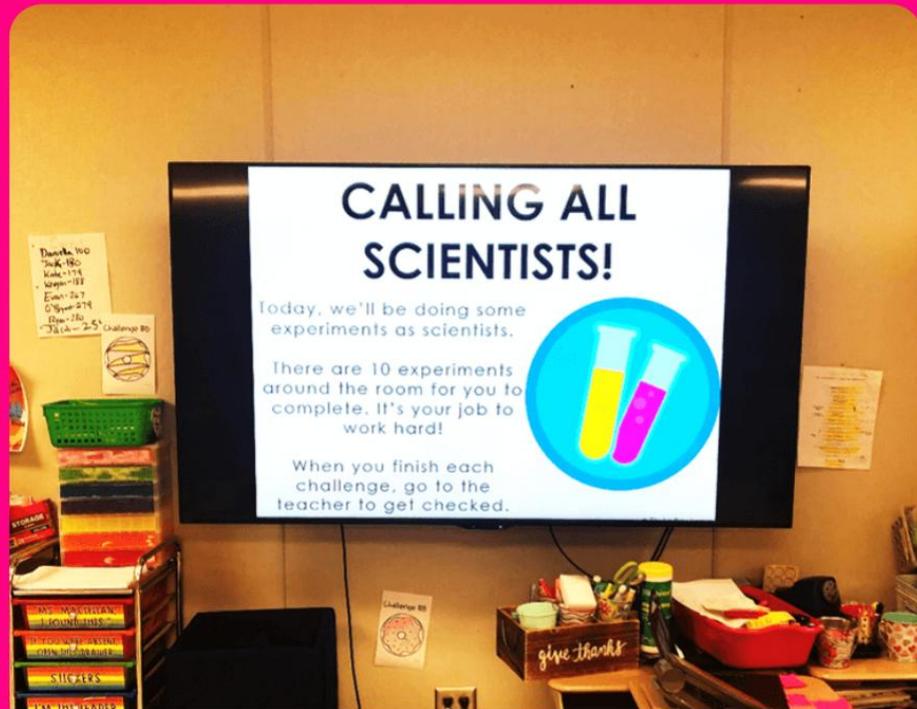
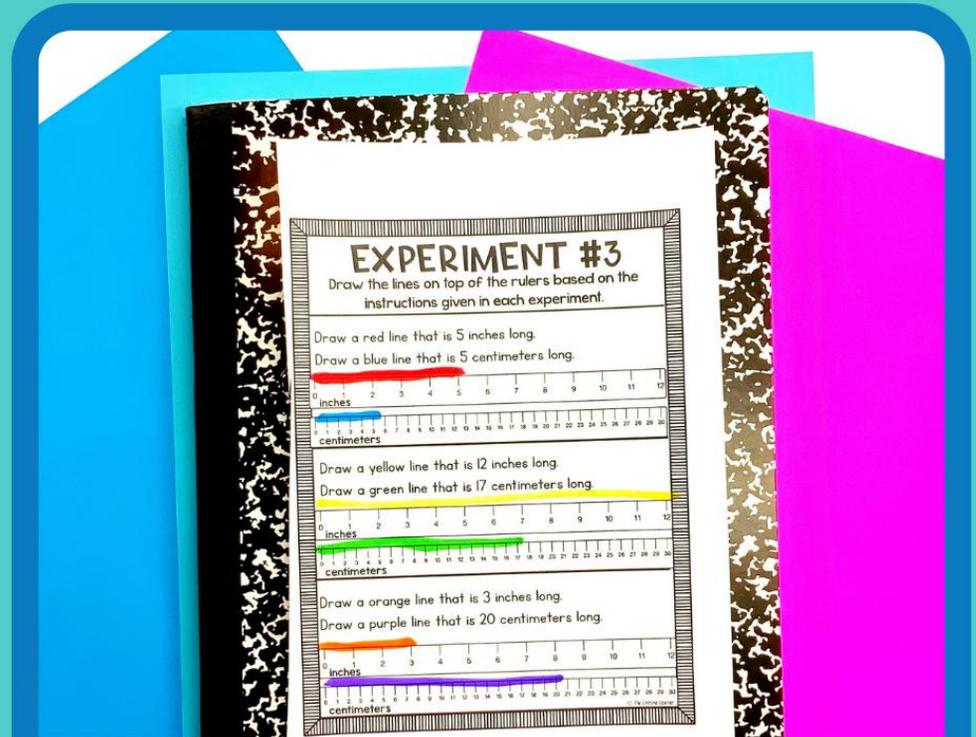


WHAT IS THIS?

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



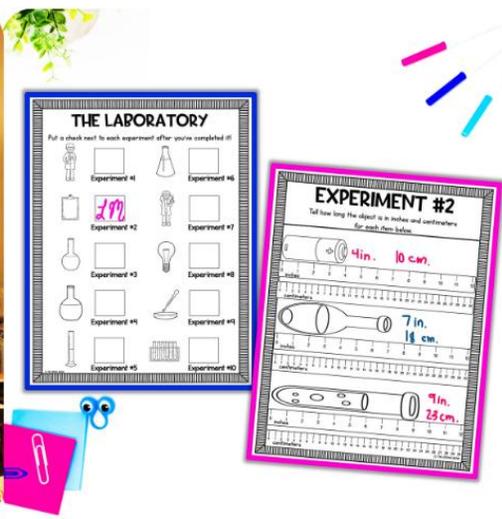
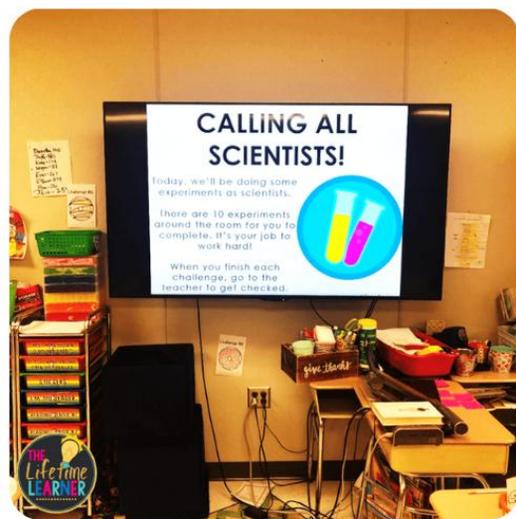
Camping Day

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 **scientists today!**

They will practice measuring object lengths twice using two different units in activities set up around the room. You can do this for a day, a few days, or over the course of a week!



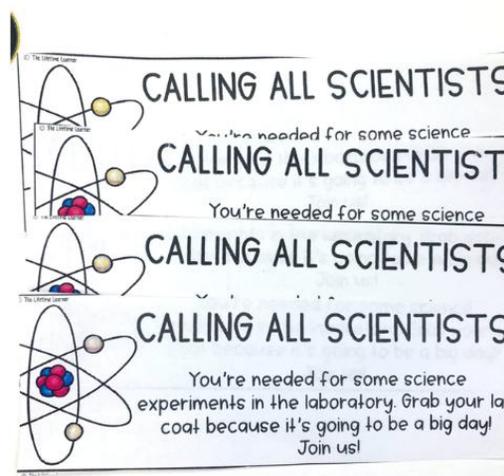
Flexibility is key.

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:

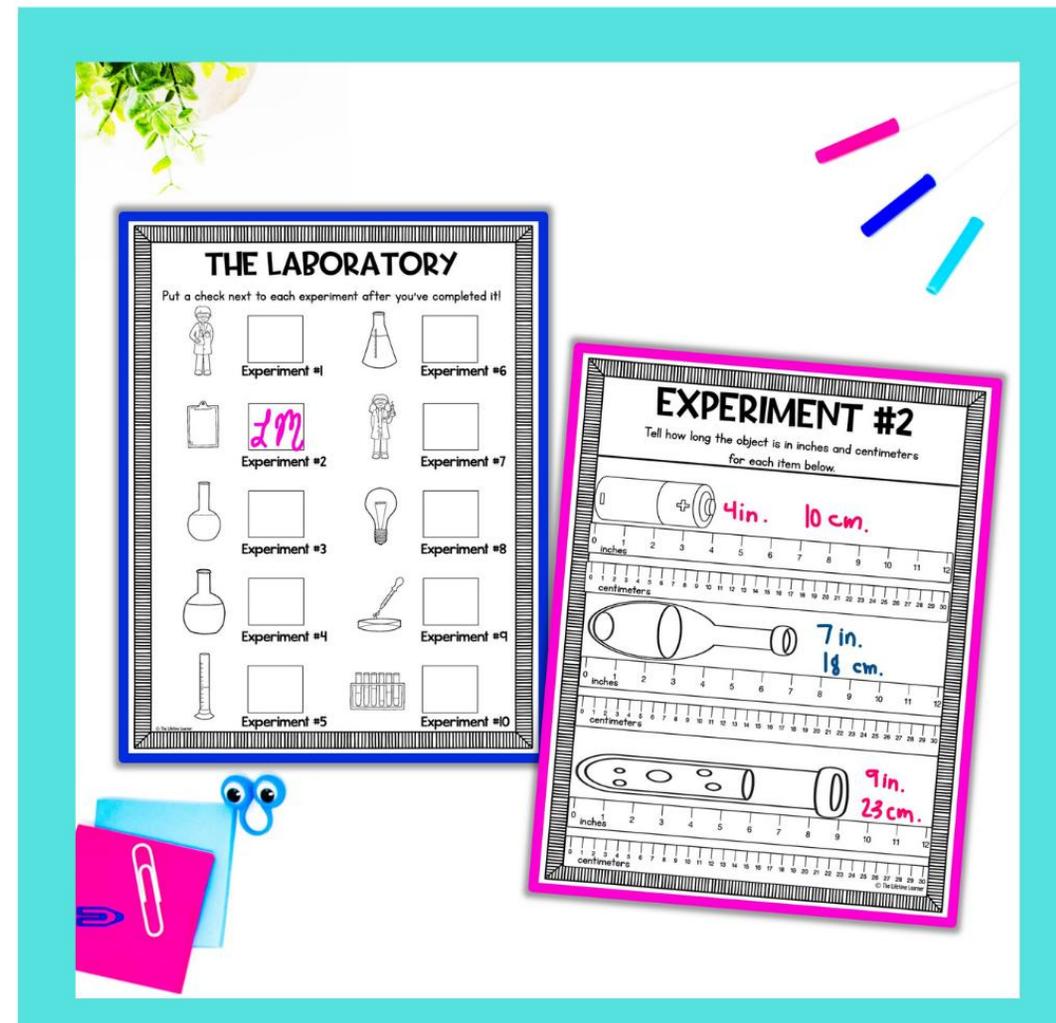
Let students move around the room and complete each center. They can be completed in any order. All centers include practicing measuring object lengths twice using two different units.

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!



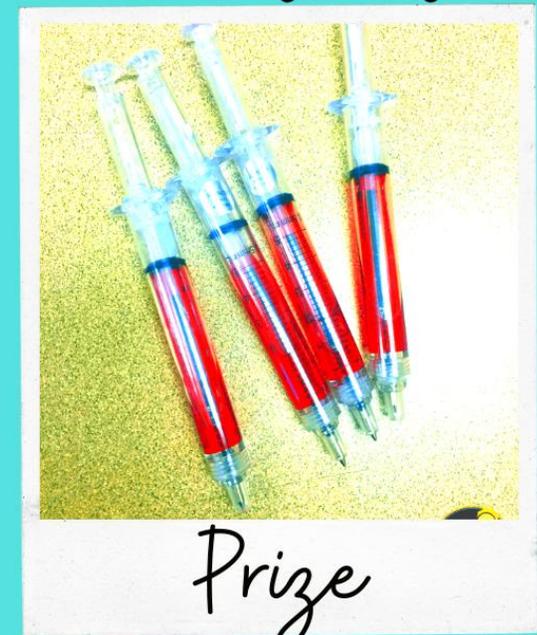
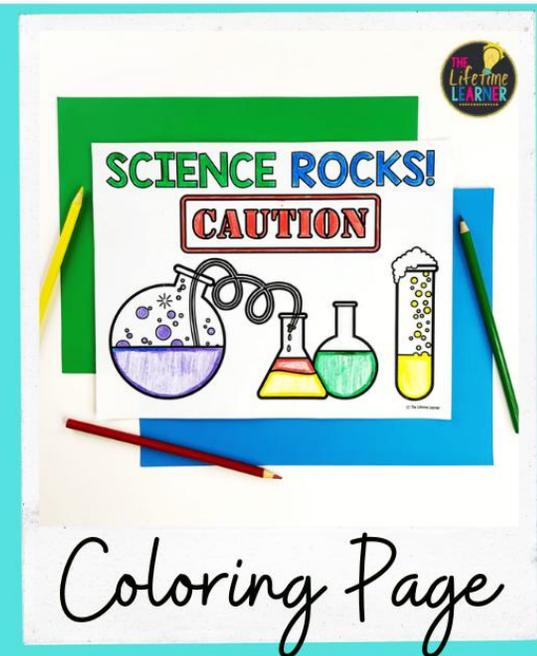
STEP 3:

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.



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

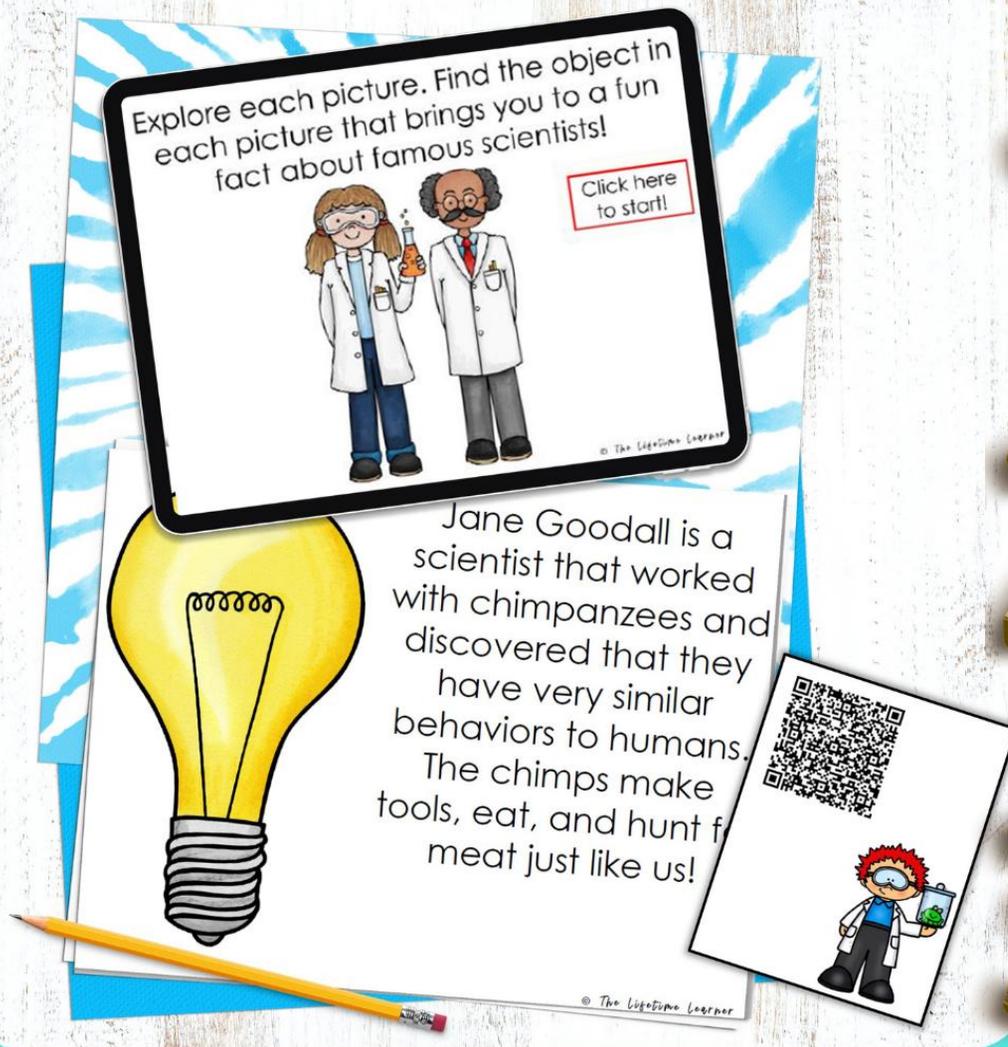
Let students "find" the facts on Google Slides

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

EXPERIMENT #1

Each scientist needs your help. Decide which scientist has the bigger measurement and which one has the smaller measurement in each pair.
Write B next to the bigger one. Write S next to the smallest one.

 7 cm	 7 in	 1 in	 12 cm
 10 cm	 12 in	 2 cm	 2 in
 100 cm	 1 in	 8 cm	 8 in

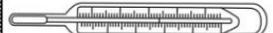
EXPERIMENT #9

Find 4 objects in your room.
Measure them twice using inches and centimeters.

Object: Inches: Centimeters:	Object: Inches: Centimeters:
Object: Inches: Centimeters:	Object: Inches: Centimeters:

EXPERIMENT #10

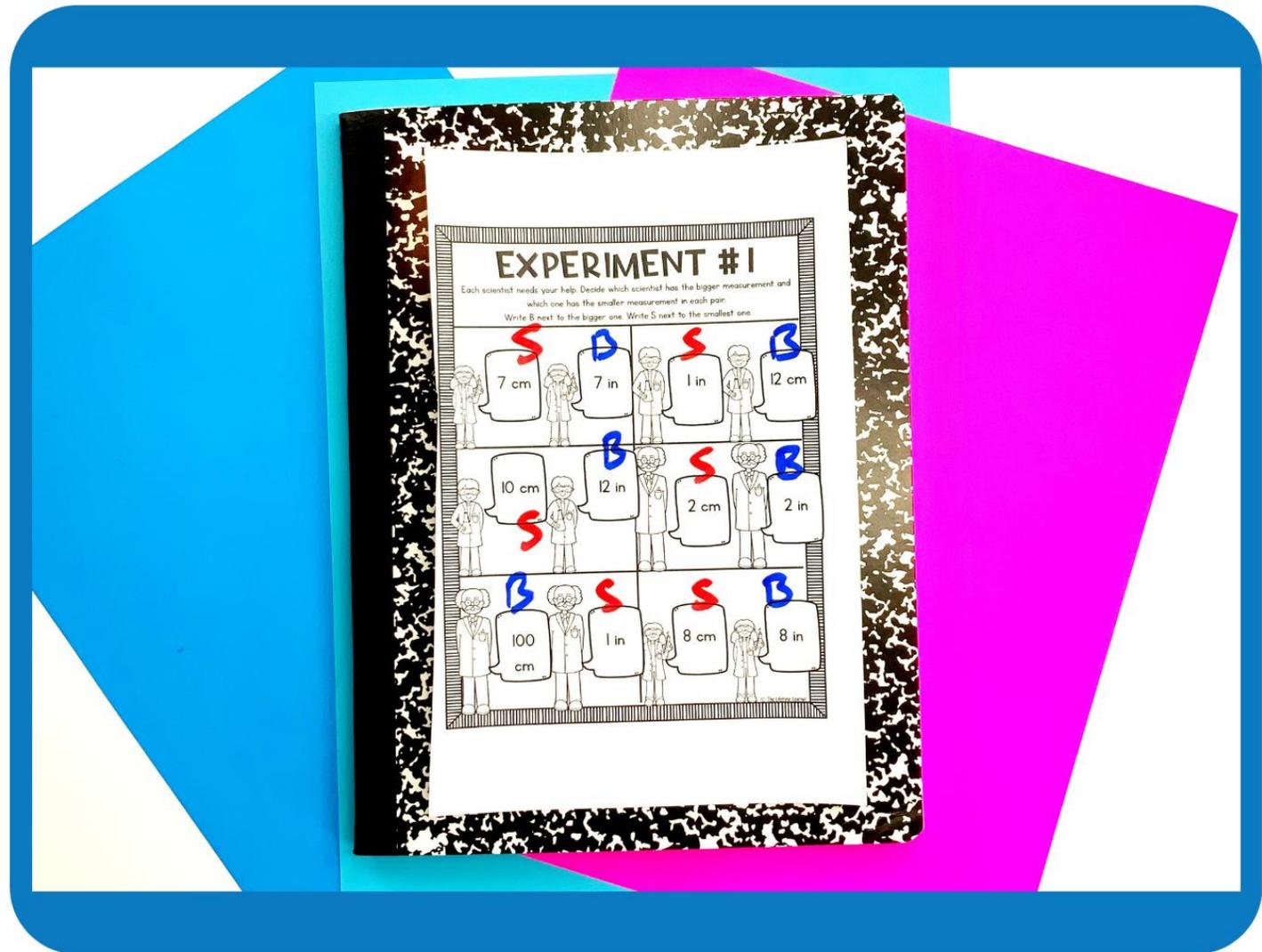
Measure how long each object is using base ten blocks and by using counting cubes.

	Counting Cubes: _____	Base Ten Blocks: _____
	Counting Cubes: _____	Base Ten Blocks: _____
	Counting Cubes: _____	Base Ten Blocks: _____

HOW TO USE THIS:

Ideas for Implementation:

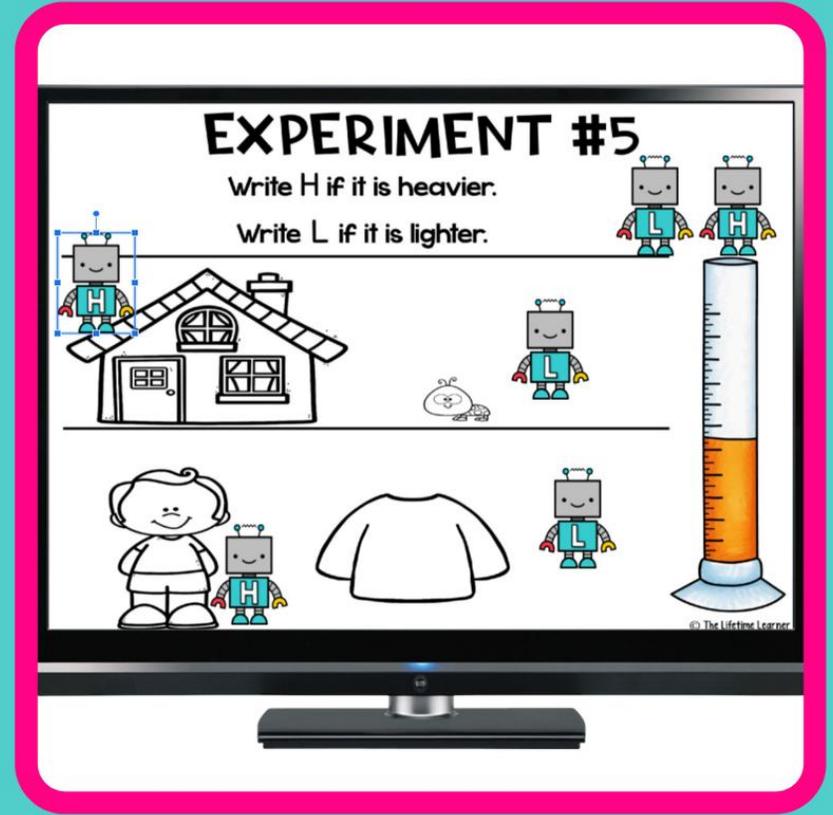
- pick and choose the centers you want to use: do what works best for your class!
- you can have students work individually, in partners, or small groups--any way works!
- give students 1-2 hours to complete all 10 activities
- give less than 10 challenges to students if you are short on time
- OR spread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

EXPERIMENT #1

Find 4 objects in your room.
Measure them twice using inches and centimeters.

EXPERIMENT #6

You and your science assistant are measuring how long a petri dish is. You say the petri dish is 4 inches long. Your assistant says the petri dish is 10 inches long. Who is right and why?

EXPERIMENT #10

Measure how long each object is using base ten blocks and by using counting cubes.

EXPERIMENT #2

The scientist measures a beaker. It is 10 inches long. That means it's also 10 centimeters long.

EXPERIMENT #4

Tell how long the line is in both inches and centimeters by filling in the boxes below.

Inches: _____

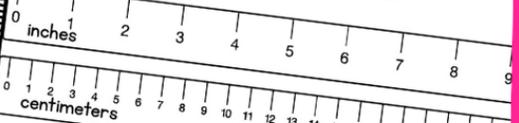
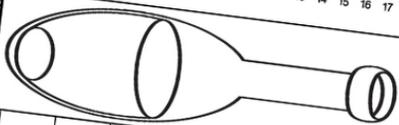
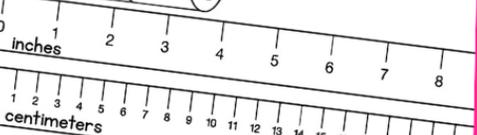
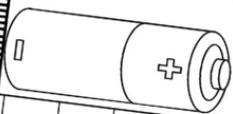
Centimeters: _____

EXPERIMENT #7

Measure the following objects in your room. Round to the nearest inch and nearest centimeter.
Measure a book. Measure your hand.

EXPERIMENT #3

Tell how long the object is in inches and centimeters for each item below.



EXPERIMENT #1

Each scientist needs your help. Decide which scientist has the bigger measurement and which one has the smaller measurement in each pair. Write B next to the bigger one. Write S next to the smallest one.



EXPERIMENT #3

Draw lines on top of the rulers based on the instructions given in each experiment.

Draw a line that is 5 inches long.

Draw a line that is 5 centimeters long.



focuses on:
measuring object lengths
twice using two different units

EXPERIMENT #1

Each scientist needs your help. Decide which scientist has the bigger measurement and which one has the smaller measurement in each pair. Write B next to the bigger one. Write S next to the smallest one.

Experiment #1 shows eight scientists in pairs, each with a measurement in a speech bubble and a letter in a box. The pairs and their measurements are:

- Pair 1: Scientist 1 (7 cm) with 'S', Scientist 2 (7 in) with 'B'.
- Pair 2: Scientist 3 (1 in) with 'S', Scientist 4 (12 cm) with 'B'.
- Pair 3: Scientist 5 (10 cm) with 'S', Scientist 6 (12 in) with 'B'.
- Pair 4: Scientist 7 (2 cm) with 'S', Scientist 8 (2 in) with 'B'.

EXPERIMENT #2

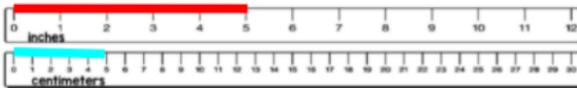
Tell how long the object is in inches and centimeters for each item below.

Experiment #2 shows two objects being measured on rulers. The battery is measured as 4 inches and 10 centimeters. The screwdriver is measured as 7 inches and 17 or 18 centimeters.

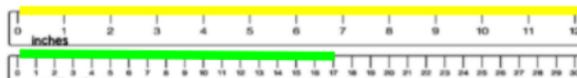
EXPERIMENT #3

Drag the lines on top of the rulers based on the instructions given in each experiment.

Draw a red line that is 5 inches long.
Draw a blue line that is 5 centimeters long.



Draw a yellow line that is 12 inches long.
Draw a green line that is 17 centimeters long.

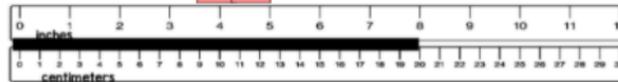


EXPERIMENT #4

Tell how long the line is in both inches and centimeters by filling in the boxes below.

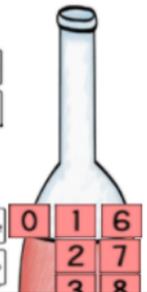
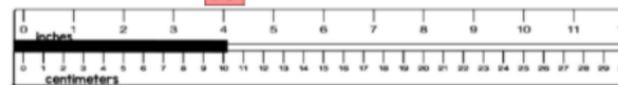
Inches: 8

Centimeters: 20



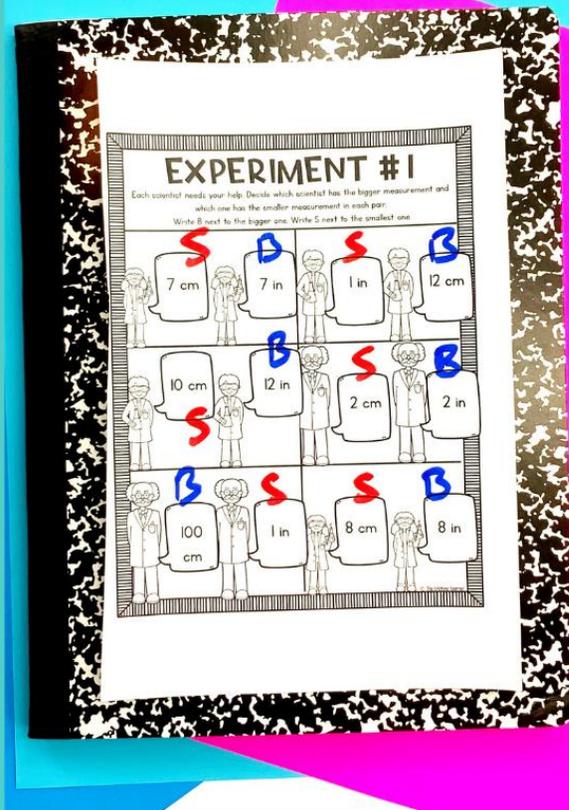
Inches: 4

Centimeters: 10

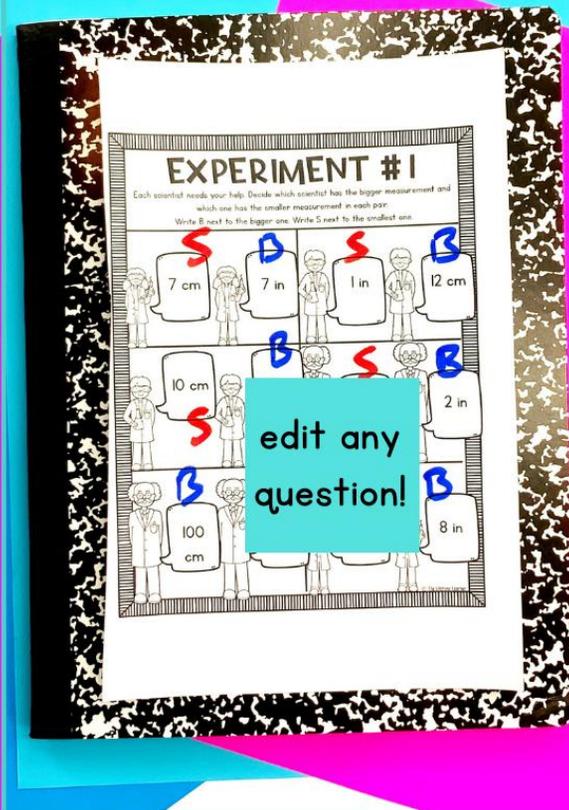


Digital Version: Google Slides

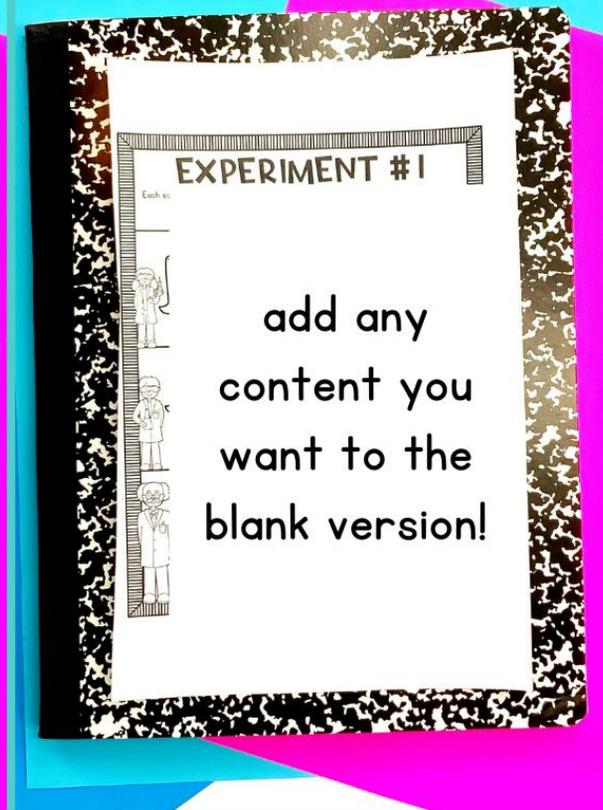
Questions are 100% editable!



10 Pre-Made
Challenges:
Print & Go



10 Pre-Made
Challenges:
Editable Version



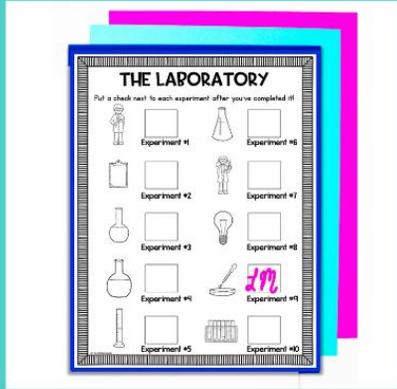
10 Blank Challenges
To Add Your Own
Content

3 Versions Included

WHAT'S INCLUDED?



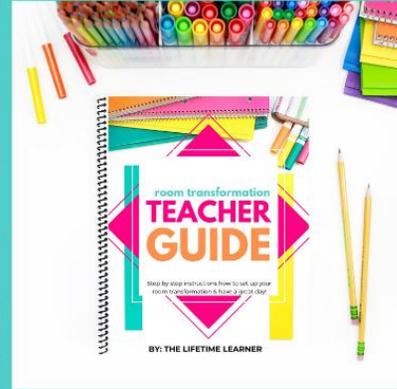
10 Color & B/W Posters



Recording Sheets



Blog Post Ideas



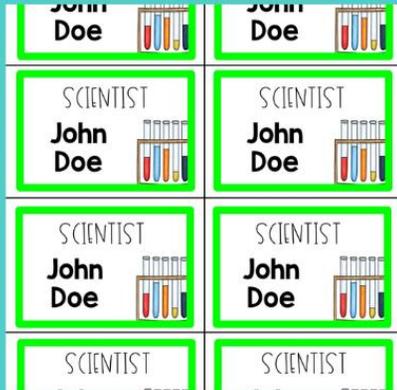
Teacher Guide



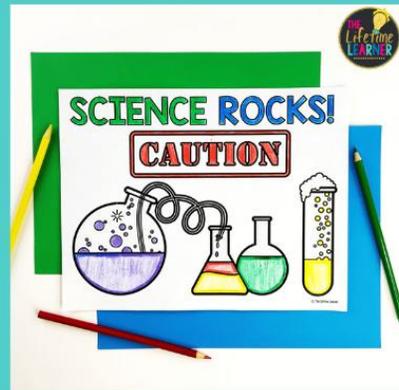
Door Decor



Printable Hats



Name Tags



Coloring Page



Folder Insert



Decor Posters

keep scrolling to see more!

WHAT'S INCLUDED?



Welcome Slide



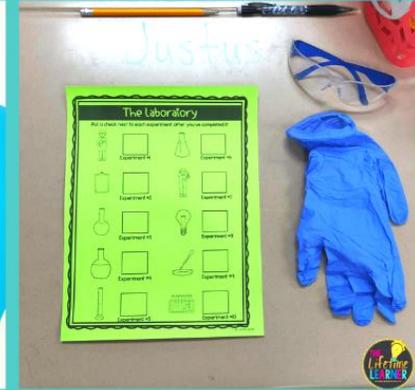
Editable Versions



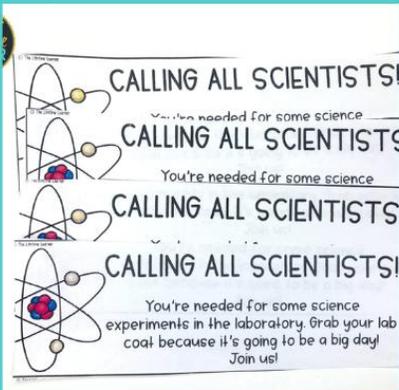
Banner



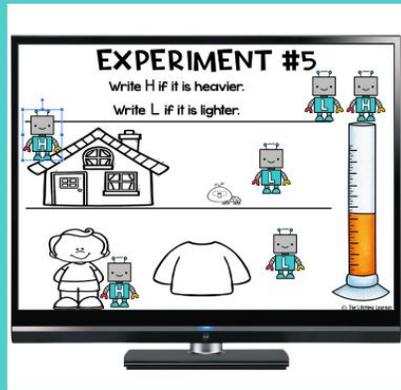
Certificate



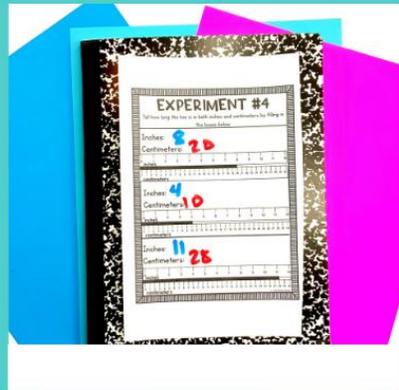
Shopping Guide



Admission Tickets



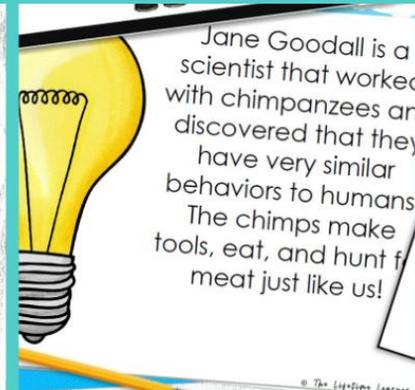
Digital Version



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!

SCIENTIST day comparing object length
1.MD.1
EXPERIMENT #2
EXPERIMENT #7
EXPERIMENT #3
1ST GRADE MATH
By: The Lifetime Learner
EDITABLE
ROOM TRANSFORMATION

SCIENTIST day capacity and mass
3.MD.2
EXPERIMENT #5
EXPERIMENT #2
EXPERIMENT #3
3RD GRADE MATH
By: The Lifetime Learner
EDITABLE
ROOM TRANSFORMATION

SCIENTIST day text features
LIFE CYCLE OF A...
BEAUTIFUL BEES
THE BASICS OF BEING A SCIENTIST
2ND GRADE READING
By: The Lifetime Learner
EDITABLE
ROOM TRANSFORMATION

SCIENTIST day text features
THE BASICS OF BEING A SCIENTIST
THE STUDY OF SPACE
BEAUTIFUL BEES
GRADES 3-5 READING
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2ND GRADE

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**