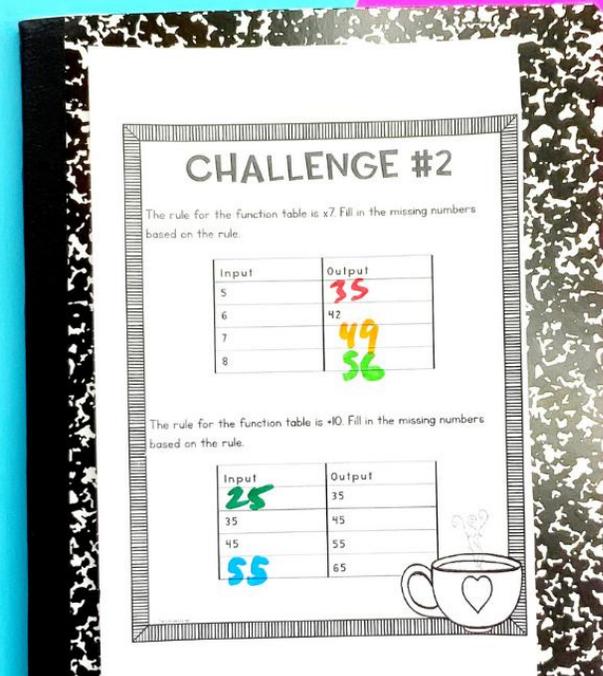


# WHAT IS THIS?

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:

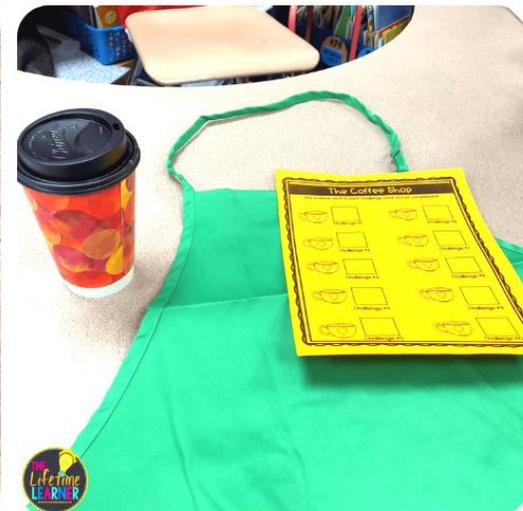
Tell your class they are in a coffee shop today!

They will practice identifying patterns 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 identifying patterns.

## 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!

**THE COFFEE SHOP**  
Put a check next to each challenge once you've completed it!

	<input type="checkbox"/>	Challenge #1		<input type="checkbox"/>	Challenge #6
	<input type="checkbox"/>	Challenge #2		<input type="checkbox"/>	Challenge #7
	<input type="checkbox"/>	Challenge #3		<input type="checkbox"/>	Challenge #8
	<i>LM</i>	Challenge #4		<input type="checkbox"/>	Challenge #9
	<input type="checkbox"/>	Challenge #5		<input type="checkbox"/>	Challenge #10

**CHALLENGE #4**  
Figure out the rule of each pattern below.

1	2	3	4	5	6	7
8	9	10	11	12	13	14
Rule: <b>+7</b>						

3	5	7	9	11	13	15
18	30	42	54	66	78	90
Rule: <b>x6</b>						

72	63	54	45	36	27	18
8	7	6	5	4	3	2
Rule: <b>÷9</b>						

22	8	35	2	10	17	46
0	0	0	0	0	0	0
Rule: <b>x0</b>						

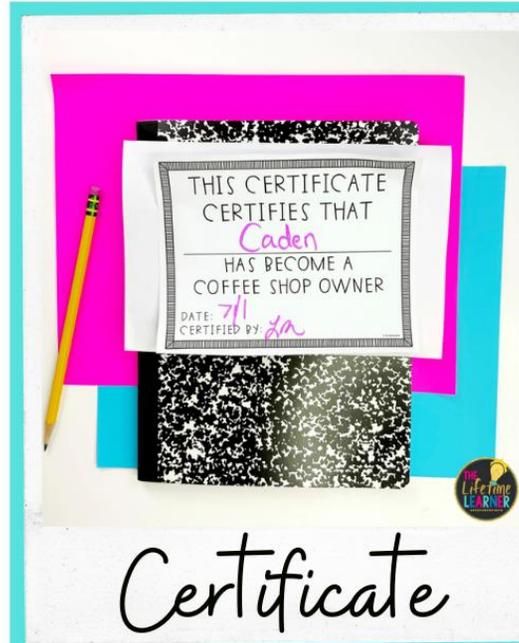
# STEP 3:

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.

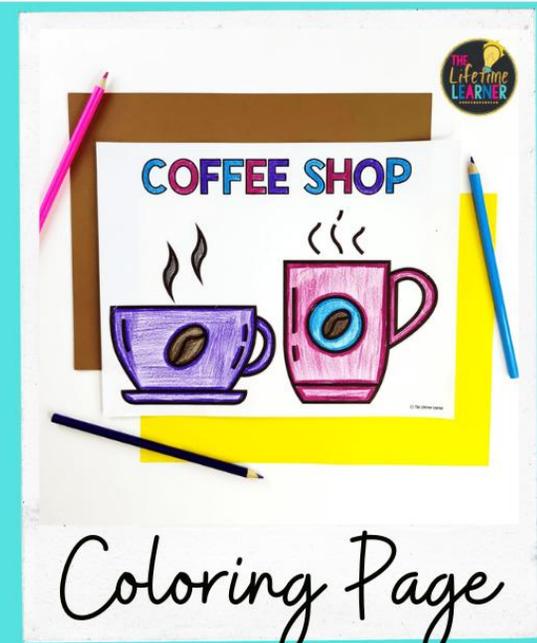
A shopping guide is also included to give you suggestions of optional "extras" you could add in.

## 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*

1

## **Printable Facts**

*Hang facts around room*

2

## **QR Codes**

*Students scan to read fun facts*

3



# THE CONTENT:

## 10 themed math challenges aligned to math standards

### CHALLENGE #2

The rule for the function table is  $\times 7$ . Fill in the missing numbers based on the rule.

Input	Output
5	
6	42
7	
8	

The rule for the function table is  $+10$ . Fill in the missing numbers based on the rule.

Input	Output
	35
35	45
45	55
	65



### CHALLENGE #5

Fill in the missing numbers in each function table.

4	6	10	2	5
32	64	24		16

Rule:  $\times 8$

5	13	17		29
17	21	29	33	37

Rule:  $+12$

26	52	104	130	156	182
0	26	52	78		130

Rule:  $-26$

3	5	9	11	15
6	10	14		26

Rule:  $\times 2$



### CHALLENGE #9

There is ONE NUMBER wrong in each function table. Find it. Color it red. Write the correct number next to it. Write the rule for each table too.

2	4	6	8	10	12	14
7	9	11	13	15	18	19

Rule:

5	6	7	8	9	10	11
35	43	49	56	63	70	77

Rule:

Input	Output
2	4
4	5
6	7
8	9
10	11
12	13

Rule:

Input	Output
15	7
25	17
35	27
45	37
54	47
65	57

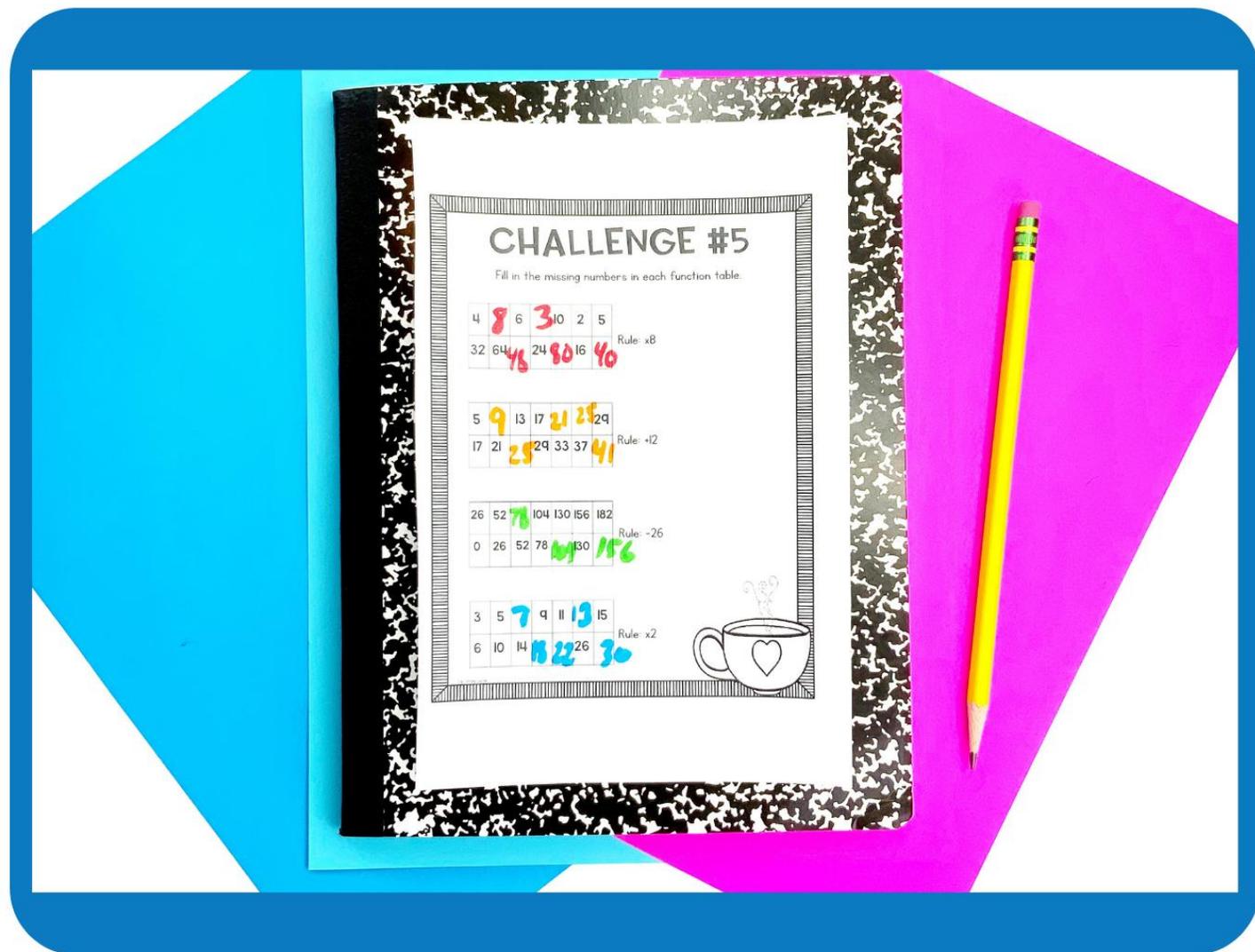
Rule:



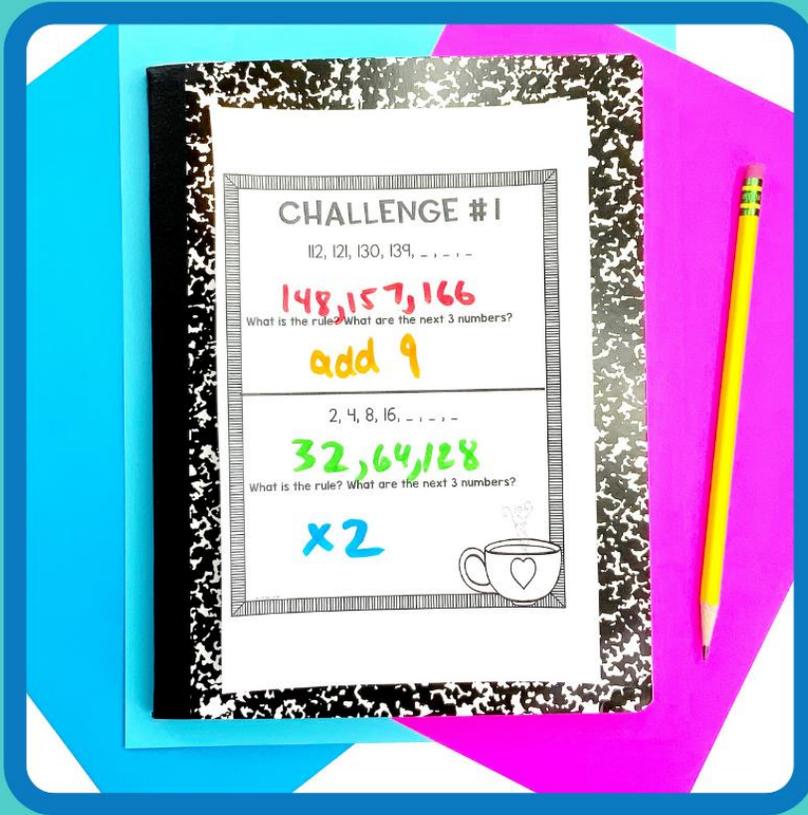
# HOW TO USE THIS:

## Ideas for Implementation:

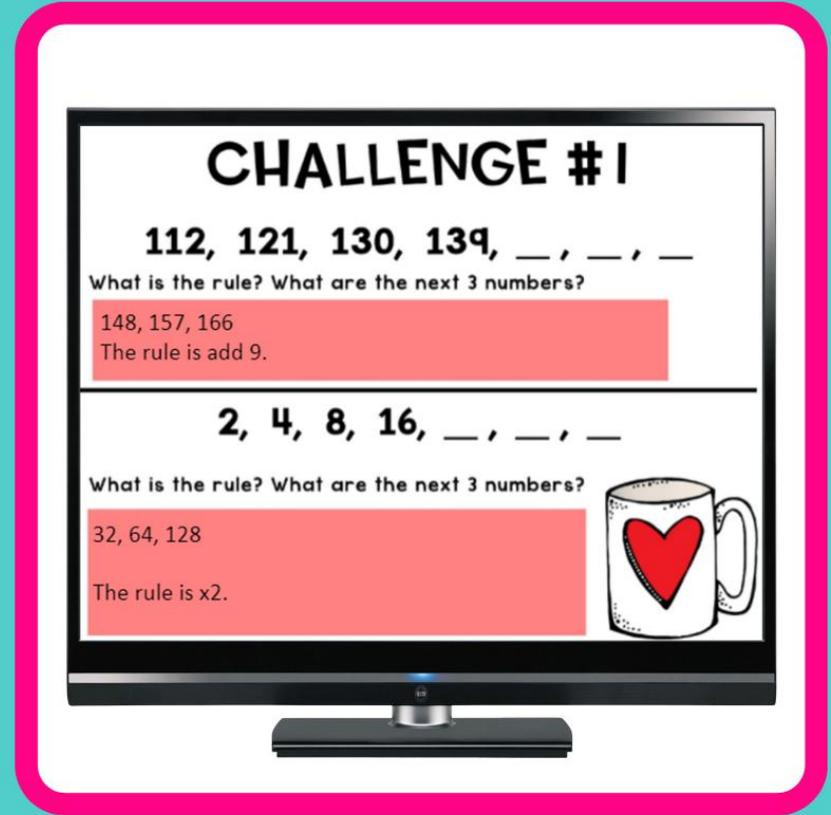
- pick and choose the centers you want to use: do what works best for your class!
- you can have students work individually, in partners, or small groups--any way works!
- give students 1-2 hours to complete all 10 activities
- give less than 10 challenges to students if you are short on time
- OR spread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

## CHALLENGE #8

84, 72, 60, 48, -

## CHALLENGE #9

There is ONE NUMBER wrong in each function table. Find it. Color it red. Write the correct number next to it. Write the rule for each table too.

--	--	--	--	--	--	--	--	--	--	--

## CHALLENGE #7

Notice about any number multiplied by 2?

Product is always odd.

## CHALLENGE #5

Fill in the missing numbers in each function table.

--	--	--	--	--	--	--	--	--	--	--

## CHALLENGE #6

Fill in the multiplication table.

0	1	2	3	4	5	6	7	8	9	10
0										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										

## CHALLENGE #4

Figure out the rule of each pattern below.

4	5	6	7
---	---	---	---

## CHALLENGE #2

The rule for the function table is  $\times 7$ . Fill in the missing numbers based on the rule.

Input	Output
5	
6	
7	42
8	

The rule for the function table is  $+10$ . Fill in the missing numbers based on the rule.

Input

## CHALLENGE #3

Figure out the rule of each pattern below.

# of drink holders	# of drinks inside
2	8
4	16
6	24
8	32
10	40
12	48

Rule:

Input	Output
250	275
300	325
350	375
400	425
450	475
500	525

Rule:

## CHALLENGE #1

112, 121, 130, 139, - , - , -

What is the rule? What are the next 3 numbers?

**focuses on:  
identifying patterns**

## CHALLENGE #1

112, 121, 130, 139, \_\_, \_\_, \_\_

What is the rule? What are the next 3 numbers?

148, 157, 166

The rule is add 9.

2, 4, 8, 16, \_\_, \_\_, \_\_

What is the rule? What are the next 3 numbers?



## CHALLENGE #3

Figure out the rule of each pattern below.

* of drink holders	* of drinks inside
2	8
4	16
6	24
8	32
10	40
12	48

Rule:  $\times 4$

Input	Output
74	61
52	39

Input	Output
250	275
300	325
350	375
400	425
450	475
500	525

Rule:  $+25$

Cups of coffee	Spoonfuls of sugar
7	21
2	6



## CHALLENGE #2

The rule for the function table is  $\times 7$ . Fill in the missing numbers based on the rule.

Input	Output
5	35
6	42
7	49
8	56

The rule for the function table is  $+10$ . Fill in the missing numbers based on the rule.

Input	Output
	25

## CHALLENGE #4

Figure out the rule of each pattern below.

1	2	3	4	5	6	7
8	9	10	11	12	13	14

Rule:  $+7$

3	5	7	9	11	13	15
18	30	42	54	66	78	90

Rule:  $\times 6$

72	63	54	45	36	27	18
----	----	----	----	----	----	----

Rule: Divide



Digital Version: Google Slides

# Questions are 100% editable!

**CHALLENGE #3**  
Figure out the rule of each pattern below.

# of drink holders	# of drinks made	Input	Output
2	8	250	275
4	16	300	325
6	24	350	375
8	32	400	425
10	40	450	475
12	48	500	525

Rule:  $\times 4$

Input	Output	Cups of coffee	Spoonfuls of sugar
74	61	7	21
52	39	3	9
91	78	8	24
27	14	11	33
65	52	2	6
83	70	9	27

Rule:  $-13$

Rule:  $+25$

Rule:  $\times 3$



**CHALLENGE #3**  
Figure out the rule of each pattern below.

# of drink holders	# of drinks made	Input	Output
2	8	250	275
4	16	300	325
6	24	350	375
8	32	400	425
10	40	450	475
12	48	500	525

Rule:  $\times 4$

Input	Output	Cups of coffee	Spoonfuls of sugar
74	61	7	21
52	39	3	9
91	78	8	24
27	14	11	33
65	52	2	6
83	70	9	27

Rule:  $-13$

Rule:  $+25$

edit any question!



**CHALLENGE #3**  
Figure out the rule of each pattern below.

add any content you want to the blank version!

10 Pre-Made  
Challenges:  
Print & Go

10 Pre-Made  
Challenges:  
Editable Version

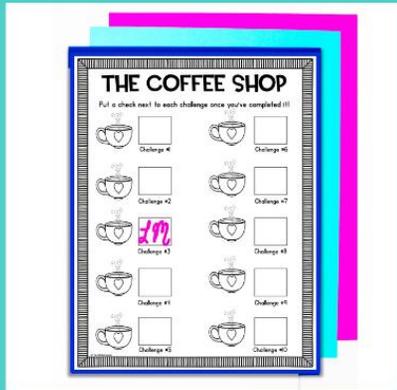
10 Blank Challenges  
To Add Your Own  
Content

# 3 Versions Included

# WHAT'S INCLUDED?



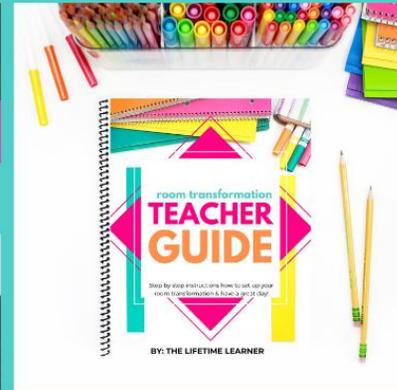
10 Color & B/W Posters



Recording Sheets



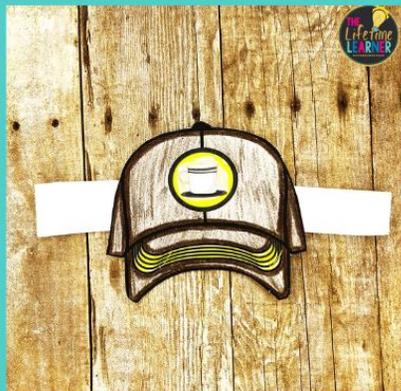
Blog Post Ideas



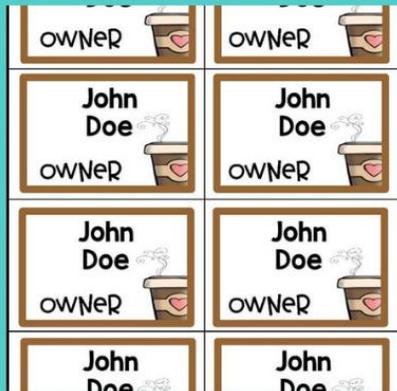
Teacher Guide



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



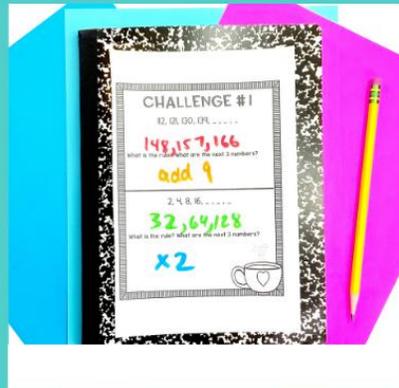
Shopping Guide



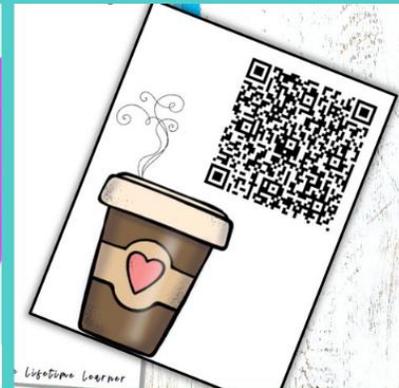
Admission Tickets



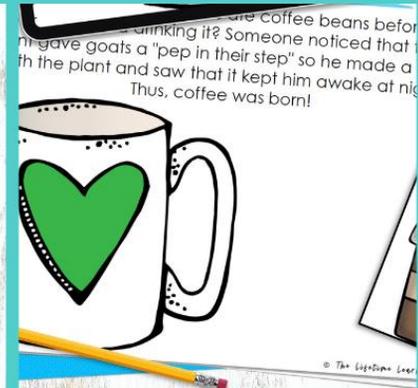
Digital Version



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!



**COFFEE shop** add & subtract to 100  
2.NBT.5

EDITABLE  
2ND GRADE MATH  
By: The Lifetime Learner  
ROOM TRANSFORMATION



**COFFEE shop** MULTIPLICATION patterns  
4.OA.5

EDITABLE  
4TH GRADE MATH  
By: The Lifetime Learner  
ROOM TRANSFORMATION



**COFFEE shop** poetry

EDITABLE  
GRADES 3-5 READING  
By: The Lifetime Learner  
ROOM TRANSFORMATION



**COFFEE shop** ADD-ON PACK

EDITABLE  
GRADES 3-5 READING  
By: The Lifetime Learner  
READING PASSAGES



**math** MEGA BUNDLE

CLASSROOM TRANSFORMATIONS

40 THEME DAYS!  
THE LIFETIME LEARNER  
3RD GRADE

When you purchase a Mega Bundle, you save 50% off the price of the individual resources!



**reading** MEGA BUNDLE

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](mailto:lindsaythelifetimelearner@gmail.com)**