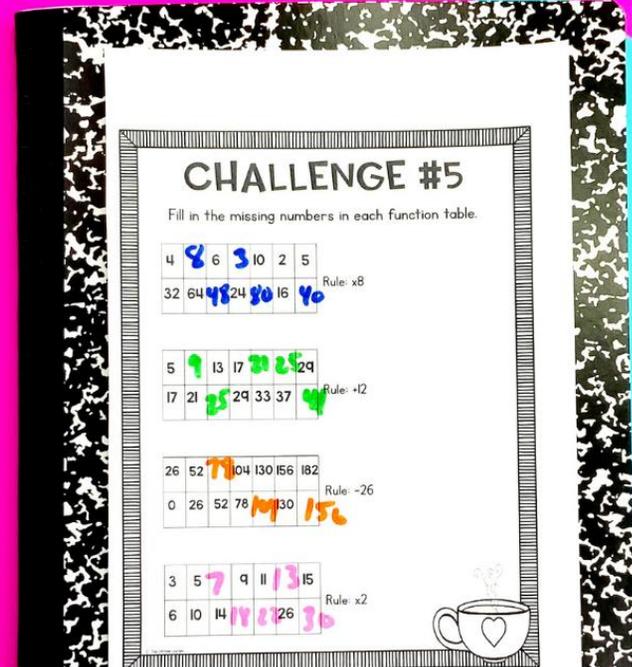


# WHAT IS THIS?

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 2:

Let students move around the room and complete each center. They can be completed in any order. All centers include practice with addition, subtraction, multiplication, and division 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 checked="" type="checkbox"/>	Challenge #3		<input type="checkbox"/>	Challenge #8
	<input type="checkbox"/>	Challenge #4		<input type="checkbox"/>	Challenge #9
	<input type="checkbox"/>	Challenge #5		<input type="checkbox"/>	Challenge #10

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

Rule:  $+25$

Input	Output
74	61
52	39
91	78
27	14
65	52
83	70

Rule:  $-13$

Cups of coffee	Spoonfuls of sugar
7	21
3	9
8	24
11	33
2	6
9	27

Rule:  $\times 3$

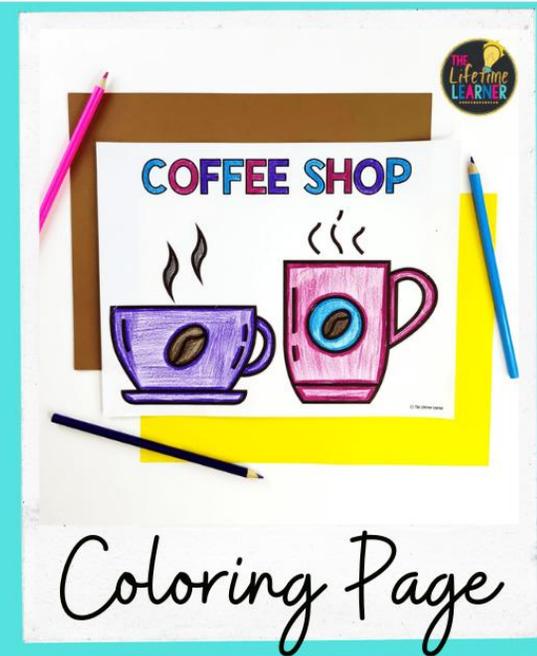
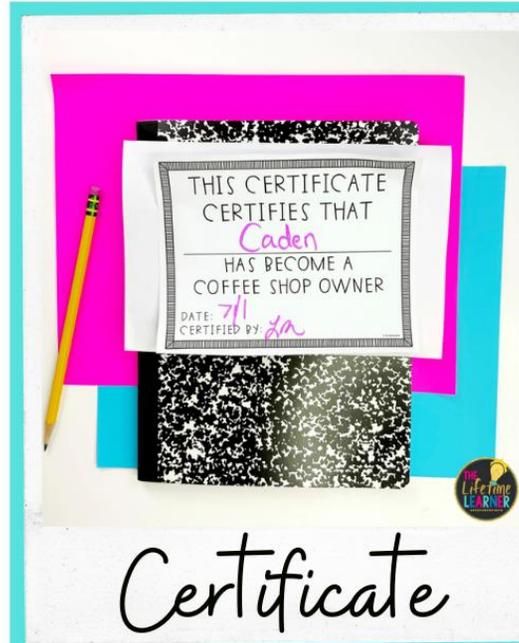
# STEP 3:

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*

1

## Printable Facts

*Hang facts around room*

2

## QR Codes

*Students scan to read fun facts*

3



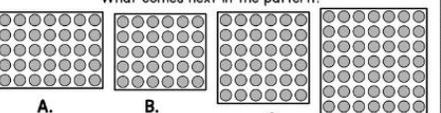
# THE CONTENT:

## 10 themed math challenges aligned to math standards

### CHALLENGE #10



What comes next in the pattern?



A. B. C. D.



What comes next in the pattern?



A. B. C. D.



### 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:



### CHALLENGE #2

The rule for the function table is multiply by 7 and then add four.  
Fill in the missing numbers based on the rule.

Input	Output
5	
6	
7	
8	

The rule for the function table is subtract ten and then divide by 2.  
Fill in the missing numbers based on the rule.

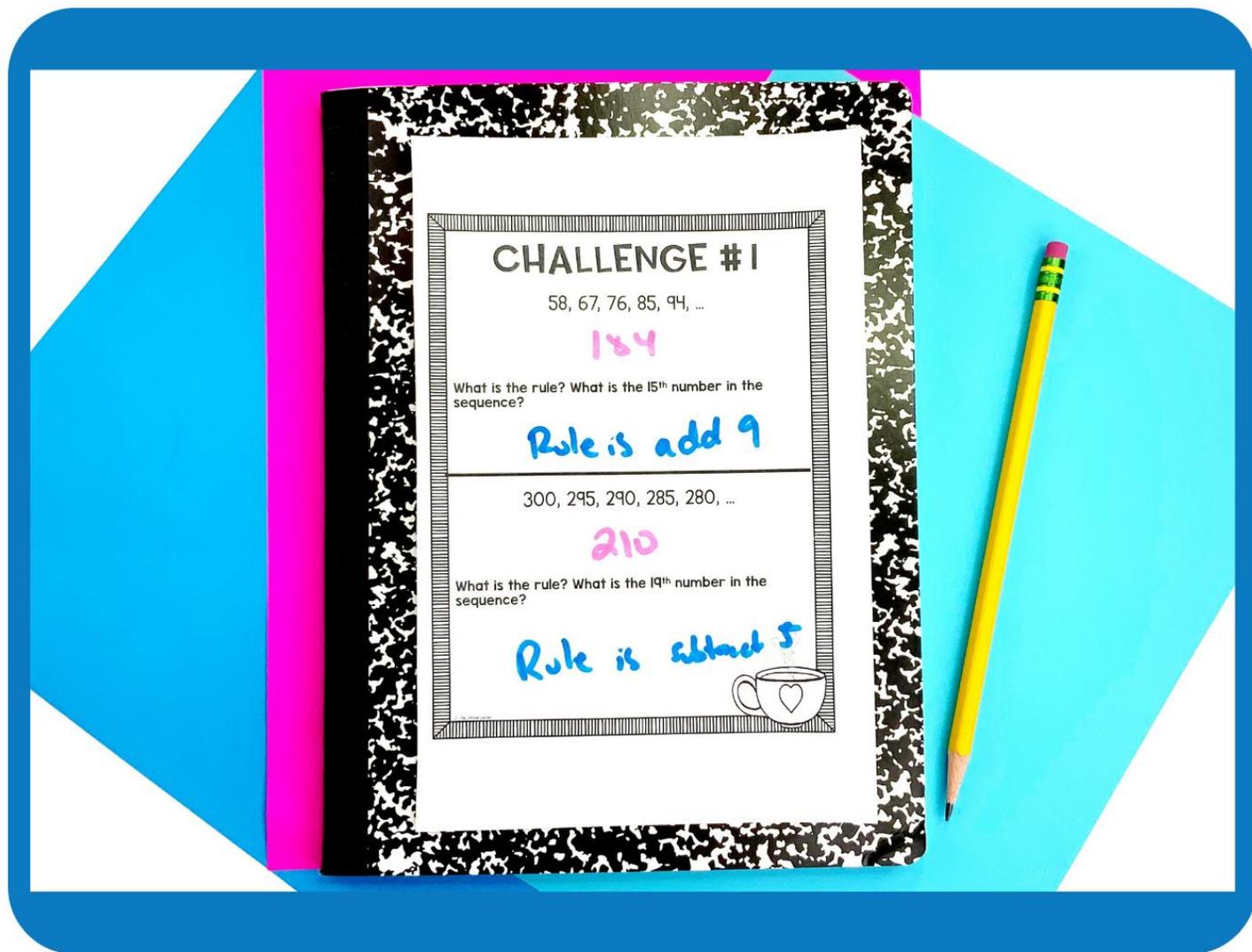
Input	Output
	35
	45
	55
	65



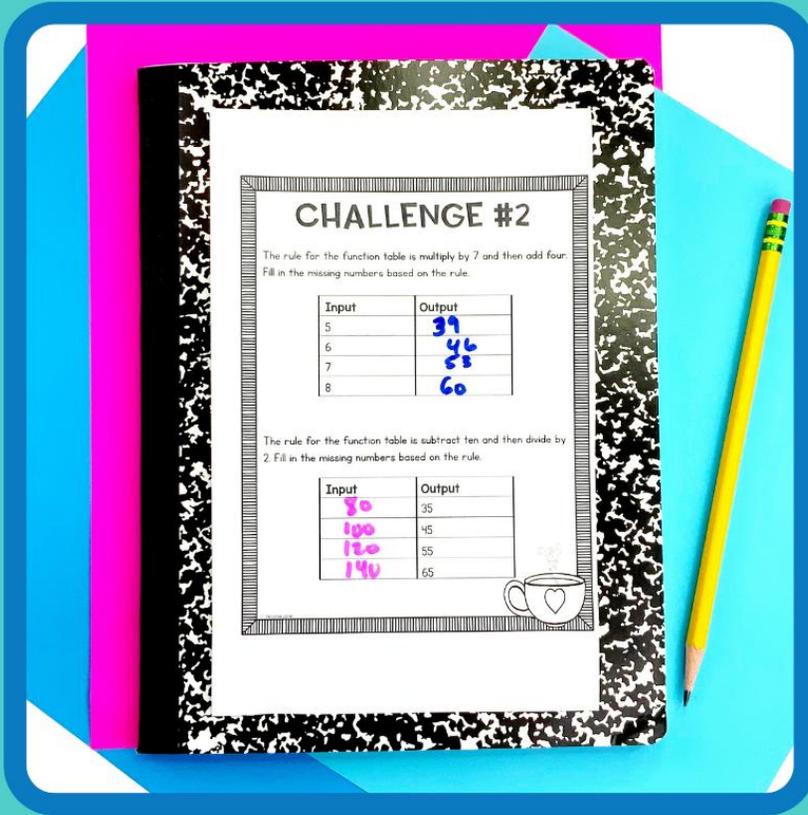
# HOW TO USE THIS:

## Ideas for Implementation:

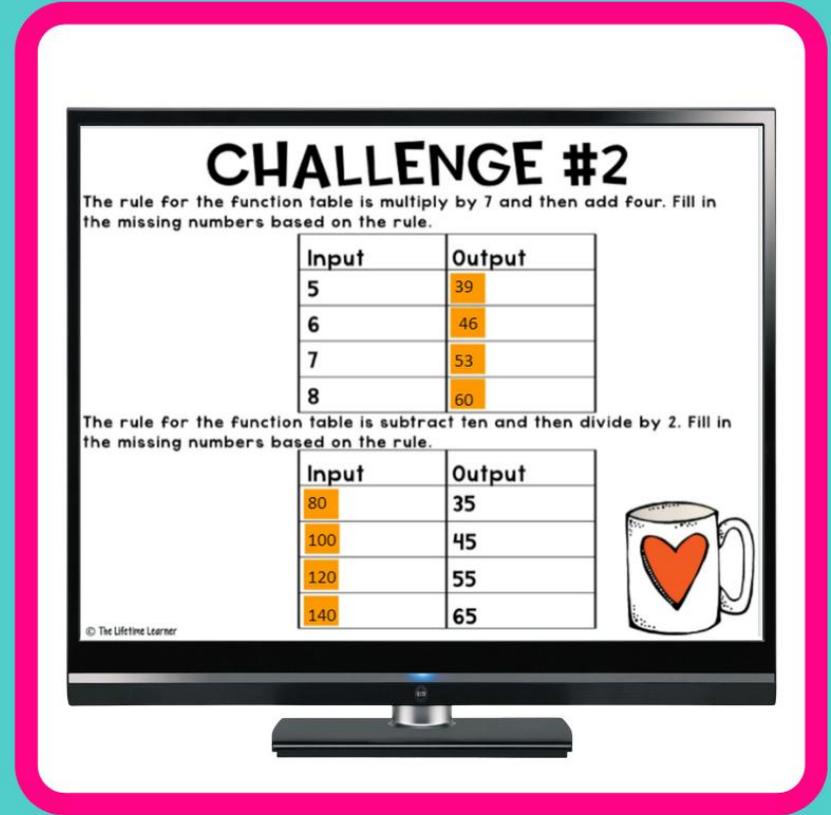
- pick and choose the centers you want to use: do what works best for your class!
- you can have students work individually, in partners, or small groups--any way works!
- give students 1-2 hours to complete all 10 activities
- give less than 10 challenges to students if you are short on time
- OR spread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

What do you notice about any number multiplied by 2?

- A. The product is always odd.
- B. The product is always even.

## CHALLENGE #8

84, 72, 60, 48, —

## CHALLENGE #9

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 #3

Fill in the missing numbers in each function table.

## 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:

## CHALLENGE #6

Show the next shape(s) in each pattern.

## CHALLENGE #7

Figure out the rule of each pattern.

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

Rule:

Input	Output
250	500
300	600
350	700
400	800
450	900
500	1000

Rule:

Input	Output
74	61
52	39

Cups of coffee	Spoons of sugar
7	21

## CHALLENGE #2

The rule for the function table is multiply by 7 and then add four. Fill in the missing numbers based on the rule.

Input	Output
5	
6	
7	
8	

## CHALLENGE #5

58, 67, 76, 85, 94, ...

**focuses on:**  
addition, subtraction,  
multiplication, & division  
patterns

## CHALLENGE #1

58, 67, 76, 85, 94, ...

What is the rule? What is the 15<sup>th</sup> number in the sequence?

184

The rule is add 9.

300, 295, 290, 285, 280, ...

What is the rule? What is the 19<sup>th</sup> number in the sequence?



## 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	29

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

Rule:  $+25$

Cups of coffee	Spoonsful of sugar
7	21
2	6



## CHALLENGE #2

The rule for the function table is multiply by 7 and then add four. Fill in the missing numbers based on the rule.

Input	Output
5	39
6	46
7	53
8	60

The rule for the function table is subtract ten and then divide by 2. Fill in the missing numbers based on the rule.

Input	Output
20	5
15	2

## 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 inside
2	8
4	16
6	24
8	32
10	40
12	48

Rule:  $\times 4$

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

Rule:  $+25$

Input	Output
74	61
52	39
91	78
27	14
65	52
83	70

Rule:  $-13$

Cups of coffee	Spoonfuls of sugar
7	21
3	9
8	24
11	33
2	6
9	27

Rule:  $\times 3$



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

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8	32
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12	48

Rule:  $\times 4$

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400	425
450	475
500	525

Rule:  $+25$

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91	78
27	14
65	52
83	70

Rule:  $-13$

Cups of coffee	Spoonfuls of sugar
7	21
3	9
8	24
11	33
2	6
9	27

Rule:  $\times 3$



edit any question!

**CHALLENGE #3**

add any content you want to the blank version!

Input	Output
2	
4	
6	
8	
10	
12	

Rule:

Input	Output
74	
52	
91	
27	
65	
83	

Rule:

10 Pre-Made  
Challenges:  
Print & Go

10 Pre-Made  
Challenges:  
Editable Version

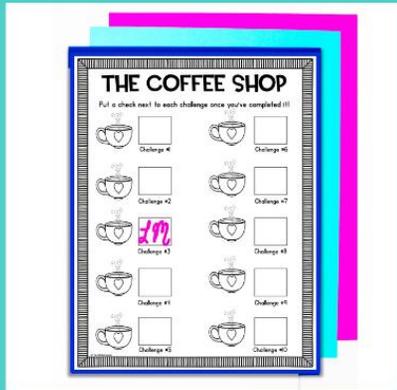
10 Blank Challenges  
To Add Your Own  
Content

# 3 Versions Included

# WHAT'S INCLUDED?



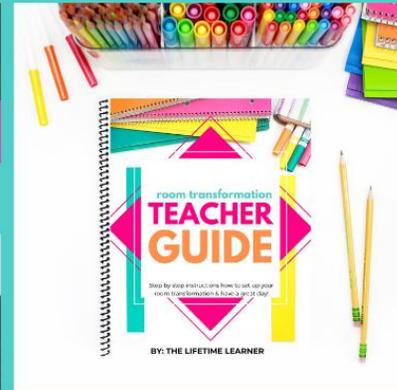
10 Color & B/W Posters



Recording Sheets



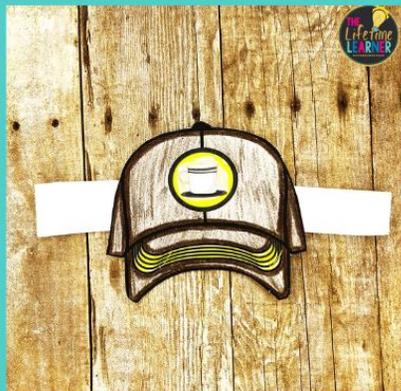
Blog Post Ideas



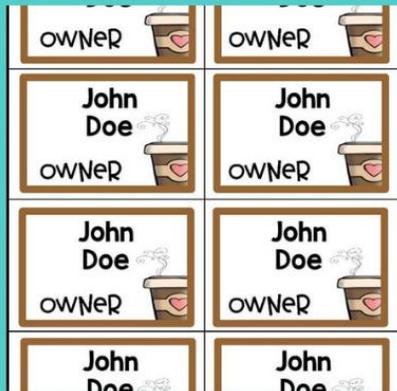
Teacher Guide



Door Decor



Printable Hats



Name Tags



Coloring Page



Folder Insert



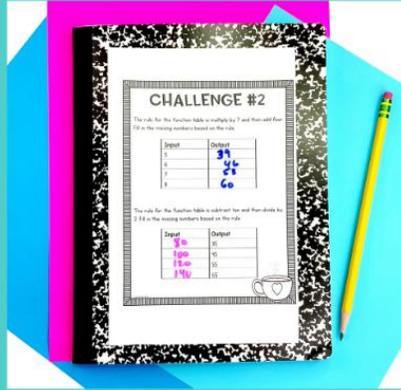
Decor Posters

keep scrolling to see more!

# WHAT'S INCLUDED?



Welcome Slide



Editable Versions



Banner



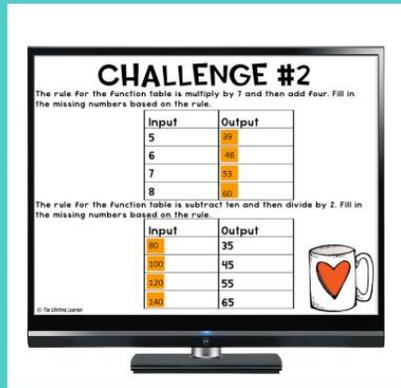
Certificate



Shopping Guide



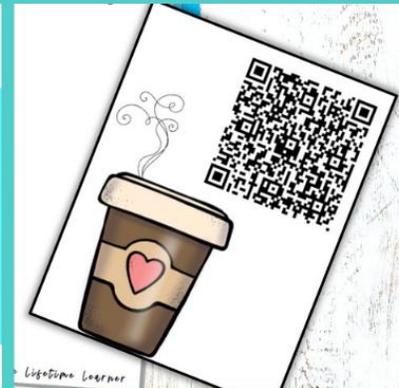
Admission Tickets



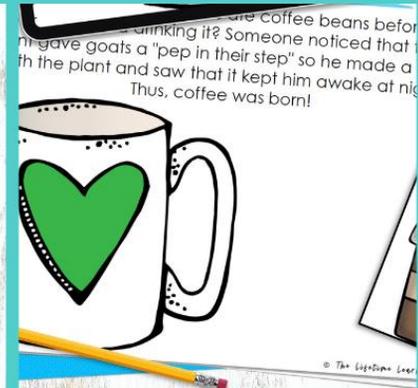
Digital Version



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** MULTIPLICATION patterns  
3.OA.9  
EDITABLE  
ROOM TRANSFORMATION  
3RD GRADE MATH  
By: The Lifetime Learner



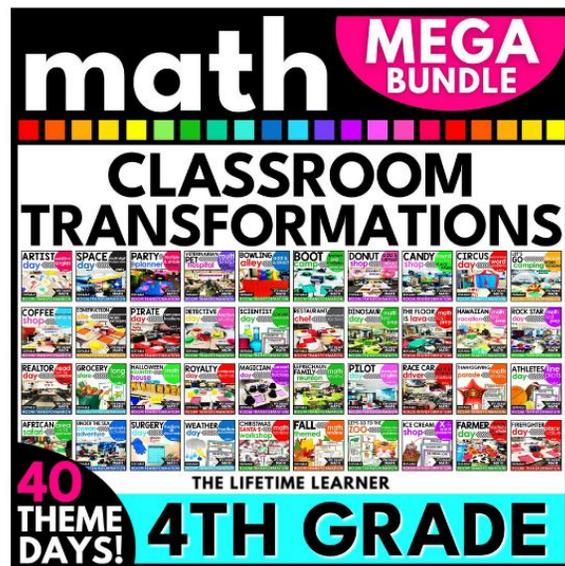
**COFFEE shop** graph number patterns  
5.OA.3  
EDITABLE  
ROOM TRANSFORMATION  
5TH GRADE MATH  
By: The Lifetime Learner



**COFFEE shop** poetry  
EDITABLE  
ROOM TRANSFORMATION  
GRADES 3-5 READING  
By: The Lifetime Learner



**COFFEE shop** ADD-ON PACK  
EDITABLE  
READING PASSAGES  
GRADES 3-5 READING  
By: The Lifetime Learner



**math** MEGA BUNDLE  
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4TH GRADE

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**reading** MEGA BUNDLE  
CLASSROOM TRANSFORMATIONS  
40 THEME DAYS!  
THE LIFETIME LEARNER  
GRADES 3-5

# classroom transformations

## low prep, fun, and engaging!



1st grade math



2nd grade math



3rd grade math



4th grade math



5th grade math



kindergarten math

# K-5 MATH & READING



kindergarten reading



1st grade reading



2nd grade reading



GR 3-5 reading comprehension



3-5 reading add-on packs



alphabet letters

# 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)**