

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!

JUPITER
You travel from Jupiter to each of the planets below. The distance (in millions of miles) is shown next to each planet. Use the chart to answer the questions below.

Mars	342
Mercury	884
Neptune	576
Saturn	107
Earth	255

1. Combined, how many miles away is Jupiter from Mercury and Earth?
$$\begin{array}{r} 884 \\ + 255 \\ \hline 1139 \end{array}$$

2. How much farther away is Neptune than Saturn?
$$\begin{array}{r} 576 \\ - 107 \\ \hline 469 \end{array}$$

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



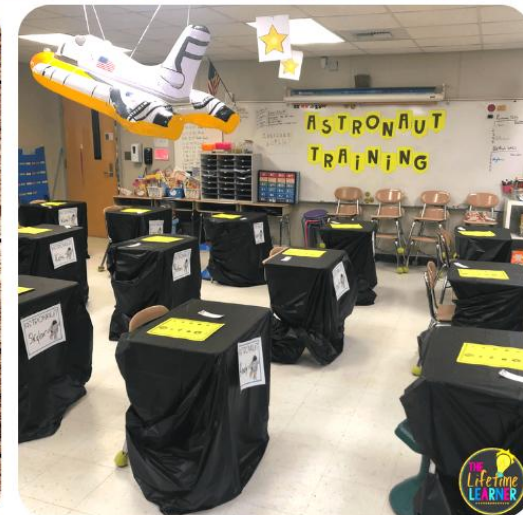
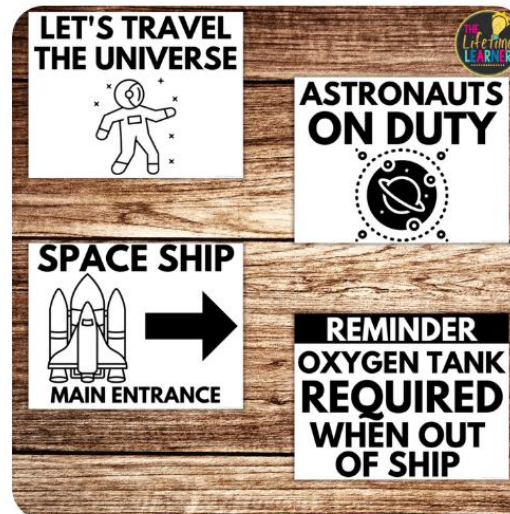
Camping Day

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:

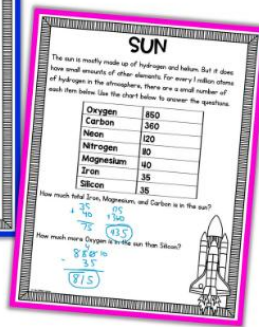
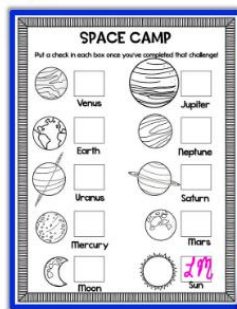
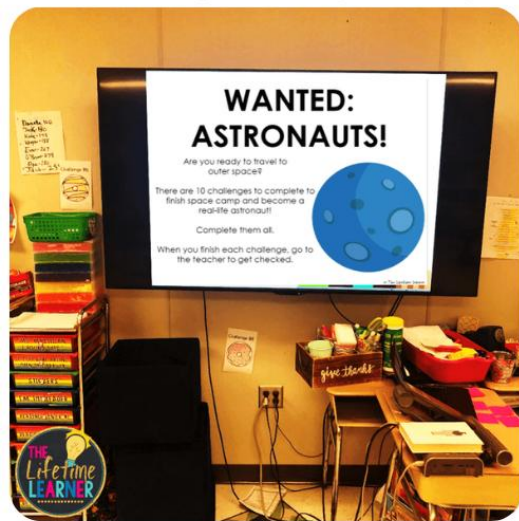
Tell your class they are in space today!

They will practice addition and subtraction 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!



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!



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.



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 and subtraction 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!

SPACE CAMP
Put a check in each box once you've completed that challenge!

	<input type="checkbox"/>		<input type="checkbox"/>
Venus		Jupiter	
	<input type="checkbox"/>		<input type="checkbox"/>
Earth		Neptune	
	<input type="checkbox"/>		<input type="checkbox"/>
Uranus		Saturn	
	<input type="checkbox"/>		<input type="checkbox"/>
Mercury		Mars	
	<input type="checkbox"/>		<input checked="" type="checkbox"/>
Moon		Sun	

SUN
The sun is mostly made up of hydrogen and helium. But it does have small amounts of other elements. For every 1 million atoms of hydrogen in the atmosphere, there are a small number of each item below. Use the chart below to answer the questions.

Oxygen	850
Carbon	360
Neon	120
Nitrogen	110
Magnesium	40
Iron	35
Silicon	35

How much total Iron, Magnesium, and Carbon is in the sun?
$$\begin{array}{r} 35 \\ 40 \\ 75 \\ + 135 \\ \hline 210 \end{array}$$

How much more Oxygen is in the sun than Silicon?
$$\begin{array}{r} 850 \\ - 35 \\ \hline 815 \end{array}$$

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

SUN

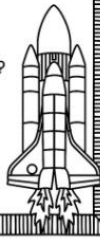
You send 3 robots close to the sun to perform experiments. Their radiation levels are shown in the table below. Figure out how much radiation Robot #3 was exposed to if the total amount of radiation exposure was 1000.

Person	Radiation Level
Robot #1	347
Robot #2	457
Robot #3	X

- A. 804
C. 196
- B. 110
D. 653

A robot is 650 miles away from the sun right now.
-The robot moves 185 miles closer.
-Then, the robot moved 208 miles away.
How many miles away is the robot from the sun now?

- A. 257
B. 673
C. 185
D. 465



NEPTUNE

The table shows what Neptune is made up of. The total make up of the planet is 100% when all 3 gases are put together. What percentage of Neptune is Helium?

Gas	Make-Up Percentage
Hydrogen	64%
Helium	n
Methane	27%

- A. 81%
B. 9%
C. 91%
D. 19%

It takes Neptune 165 years to go around the Sun. How many years does it take Neptune to go around the Sun 4 times?

- A. 169
B. 465
C. 495
D. 660



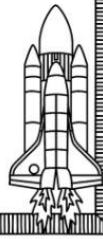
MERCURY

You can travel to Mercury after 526 days.
-It takes Mercury 88 days to go around the Sun.
-It has gone around the sun 3 times.
How many more days do you have to wait?

- A. 264
B. 438
C. 350
D. 262

You buy a spacesuit for \$86, a helmet for \$72, an oxygen tank for \$91, and some space food for \$25. How much money did you spend total?

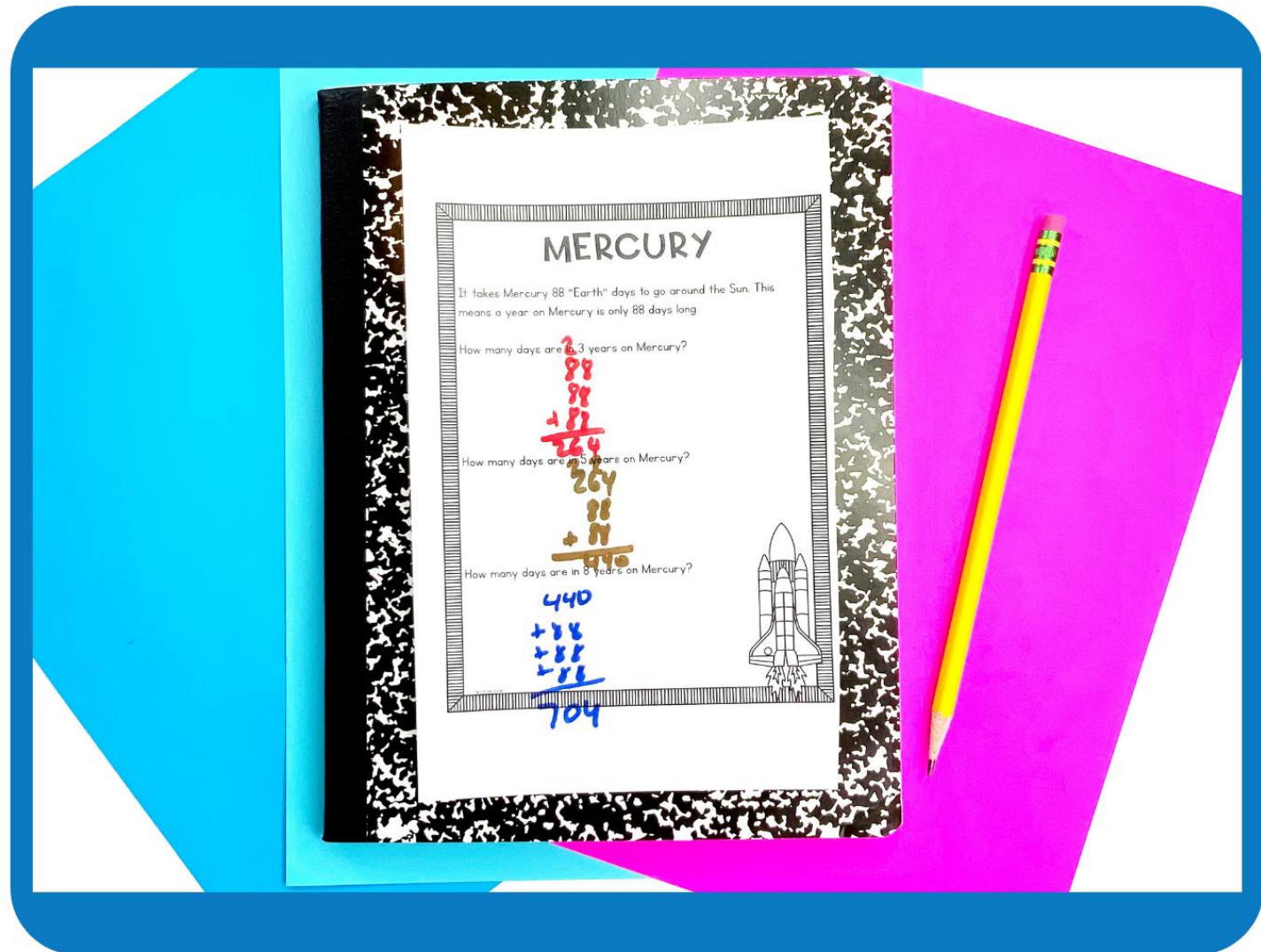
- A. 274
B. 264
C. 275
D. 263



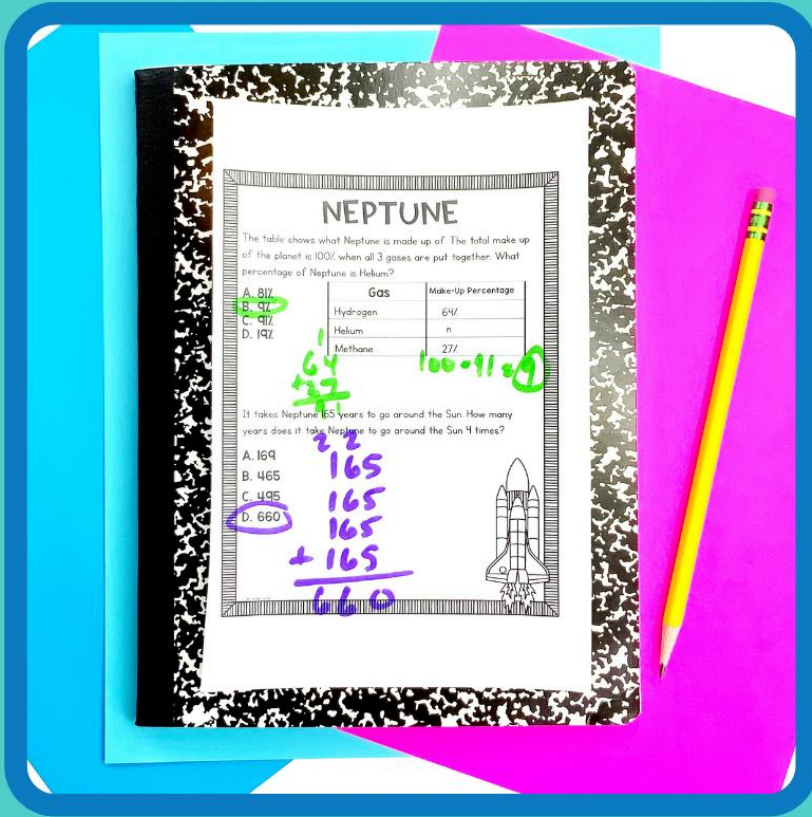
HOW TO USE THIS:

Ideas for Implementation:

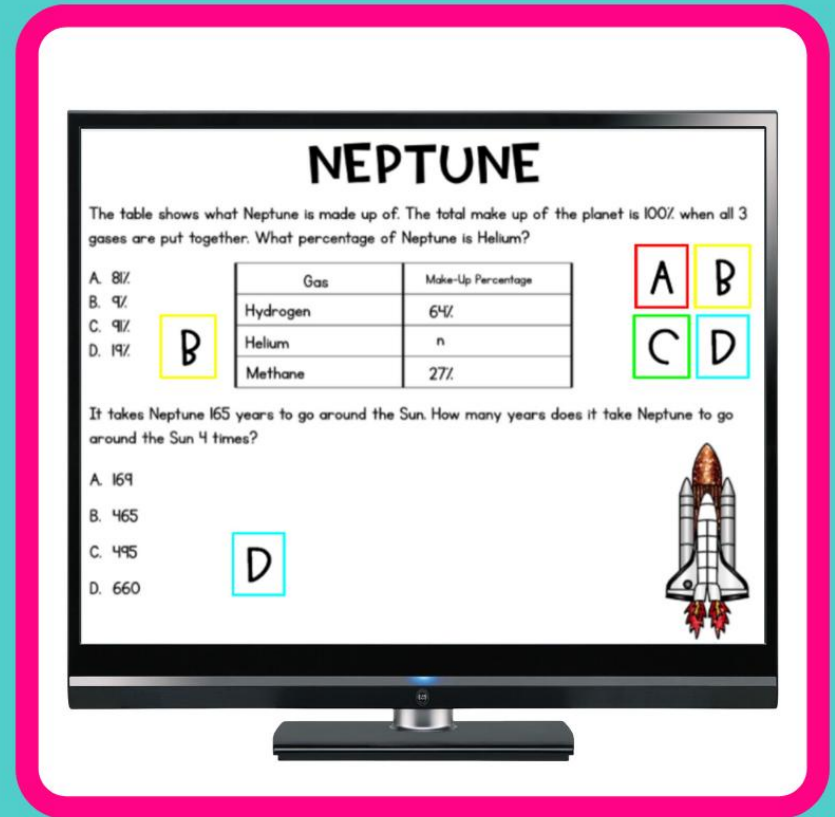
- pick and choose the centers you want to use: do what works best for your class!
- you can have students work individually, in partners, or small groups--any way works!
- give students 1-2 hours to complete all 10 activities
- give less than 10 challenges to students if you are short on time
- OR spread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

NEPTUNE

The table shows what Neptune is made up of. The percentage of the planet is 100%. when all 3 gases are put together, what percentage of Neptune is Helium?

URANUS

You have to travel 287 miles to get to Jupiter. It takes you double that amount of miles to get to Uranus. How far away was

MERCURY

It takes 88 days to get to Mercury after 526 days. It takes Mercury 88 days to go around the Sun. How many times around the sun 3 times.

SUN

You send 3 robots close to the sun to perform experiments. The radiation levels are shown in the table below. How many robots were exposed to if the total radiation level was 100?

EARTH

Your space ship travels 219 miles on Monday and another 745 miles on Tuesday. How many miles did you travel in all? Choose the equation that matches the word problem.

- A. $219 + 745 = 964$
- B. $219 - 745 = 516$
- C. $745 - 219 = 954$

JUPITER

How much fuel was used for Trip 1 to Jupiter than during Trip 2? Choose the equation that matches the word problem.

Trip	Amount of Fuel Used
Trip 1	800
Trip 2	1000

MOON

Each planet in our solar system has a different number of moons. Look at the chart below and answer the questions.

Jupiter	79
Saturn	82
Uranus	27
Neptune	14
Mars	2

MARS

Your space team needs to complete 813 experiments on Mars. They start their work in January. By April, they have completed 420 experiments. By October, they have completed another 338. Which equation shows how many experiments they have completed?

- A. $813 - (420 - 338)$
- B. $813 - (420 + 338)$
- C. $813 + (420 + 338)$
- D. $813 + (420 - 338)$

VENUS

An astronaut completed 445 experiments while studying Venus. A second astronaut completed 79 fewer experiments than the first. How many experiments did they complete in all?

focuses on:
addition & subtraction
word problems

NEPTUNE

The table shows what Neptune is made up of. The total make up of the planet is 100% when all 3 gases are put together. What percentage of Neptune is Helium?

- A. 8%
- B. 9%
- C. 9%
- D. 19%

B

Gas	Make-Up Percentage
Hydrogen	64%
Helium	n
Methane	27%

A **B**
C **D**

It takes Neptune 165 years to go around the Sun. How many years does it take Neptune to go around the Sun 4 times?

- A. 169



URANUS

You have to travel 287 miles to get to Jupiter. It takes you double that amount of miles to get to Uranus. How far away was Uranus?

- A. 574
- B. 564
- C. 674
- D. 289

A

A **B**
C **D**

A fisherman catches 249 fish on Friday and double that amount on Saturday. How many fish did he catch in all?



NEPTUNE

You are 1000 miles away from Neptune. You fly 154 miles closer. How far away are you now?

846

You fly an additional 239 miles. How far away are you now?

607



URANUS

You have to travel 287 miles to get to Jupiter. It takes you double that amount of miles to get to Uranus. How far away was Uranus?

574

Now you are 820 miles away from Uranus. If you travel 462 miles forward, how much of your journey do you have left?



Digital Version: Google Slides

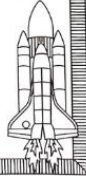
Questions are 100% editable!

EARTH

Your space ship travels 219 miles on Monday and another 745 miles on Tuesday. How many miles did you travel in all?

$$\begin{array}{r} 219 \\ + 745 \\ \hline 964 \end{array}$$

Your space ship travels 500 miles on Wednesday and 333 miles on Thursday. How many more miles did the space ship travel on Wednesday than on Thursday?

$$\begin{array}{r} 500 \\ - 333 \\ \hline 167 \end{array}$$


EARTH

Your space ship travels 219 miles on Monday and another 745 miles on Tuesday. How many miles did you travel in all?

$$\begin{array}{r} 219 \\ + 745 \\ \hline 964 \end{array}$$

Your space ship travels 500 miles on Wednesday and 333 miles on Thursday. How many more miles did the space ship travel on Wednesday than on Thursday?

$$\begin{array}{r} 500 \\ - 333 \\ \hline 167 \end{array}$$

edit any question!

EARTH

Your space ship travels 219 miles on Monday and another 745 miles on Tuesday. How many miles did you travel in all?

add any content you want to the blank version!

10 Pre-Made
Challenges:
Print & Go

10 Pre-Made
Challenges:
Editable Version

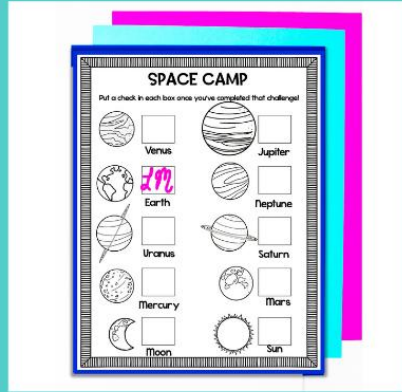
10 Blank Challenges
To Add Your Own
Content

3 Versions Included

WHAT'S INCLUDED?



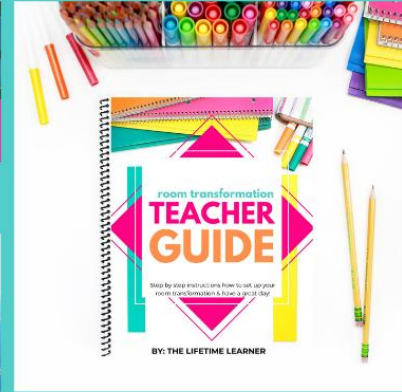
10 Color & B/W Posters



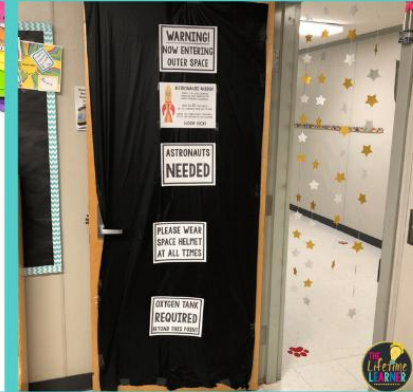
Recording Sheets



Blog Post Ideas



Teacher Guide



Door Decor



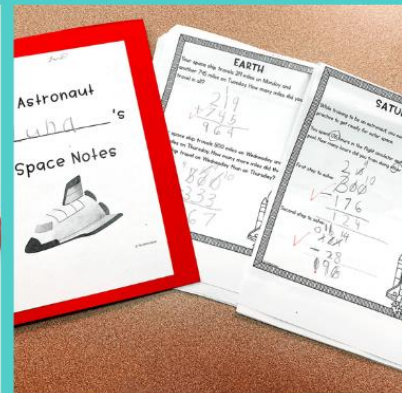
Printable Hats



Name Tags



Coloring Page



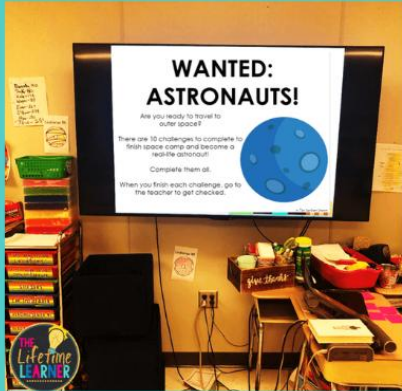
Folder Insert



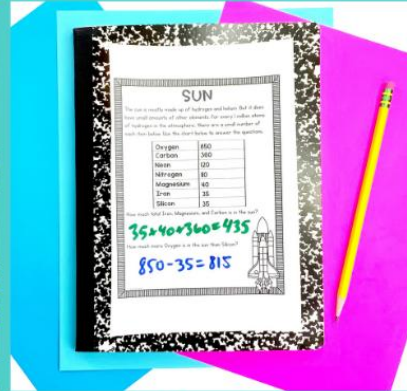
Decor Posters

keep scrolling to see more!

WHAT'S INCLUDED?



Welcome Slide



Editable Versions



Banner



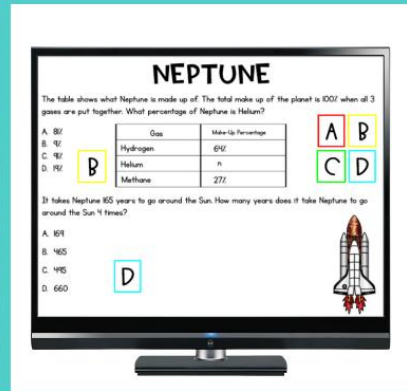
Certificate



Shopping Guide



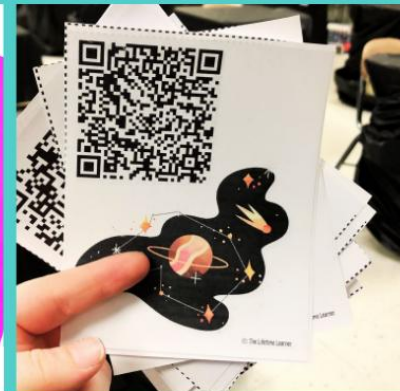
Admission Tickets



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!



SPACE day math review
2.OA.1-4
EDITABLE
ROOM TRANSFORMATION
By: The Lifetime Learner



SPACE day multi-digit multiplication
4.NBT.5
EDITABLE
ROOM TRANSFORMATION
By: The Lifetime Learner



SPACE day first & secondhand accounts
EDITABLE
ROOM TRANSFORMATION
By: The Lifetime Learner



SPACE day ADD-ON PACK
EDITABLE
READING PASSAGES
By: The Lifetime Learner



math MEGA BUNDLE
CLASSROOM TRANSFORMATIONS
40 THEME DAYS!
THE LIFETIME LEARNER
3RD GRADE

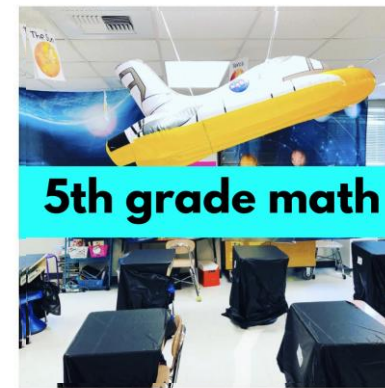
When you purchase a Mega Bundle, you save 50% off the price of the individual resources!



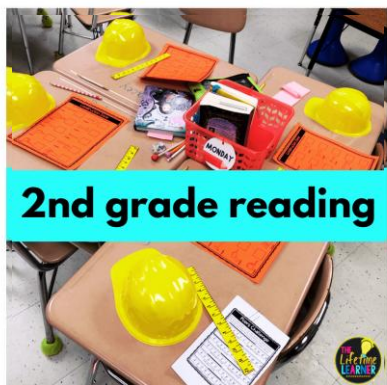
reading MEGA BUNDLE
CLASSROOM TRANSFORMATIONS
40 THEME DAYS!
THE LIFETIME LEARNER
GRADES 3-5

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**