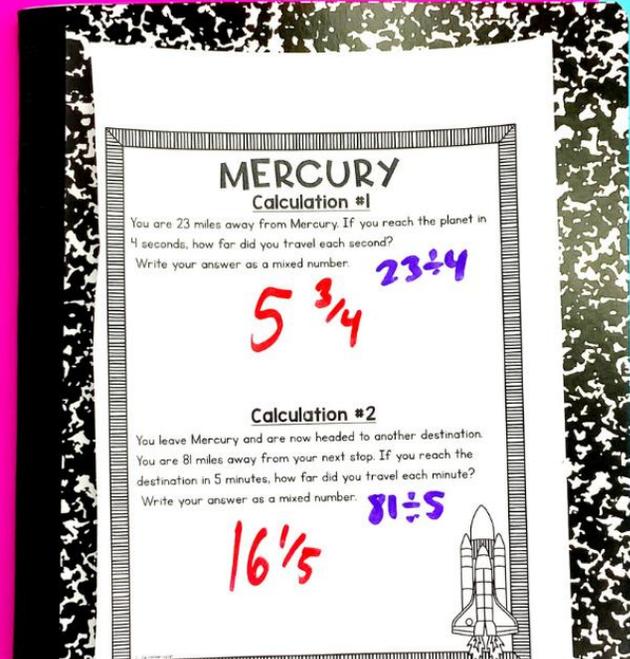


WHAT IS THIS?

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:

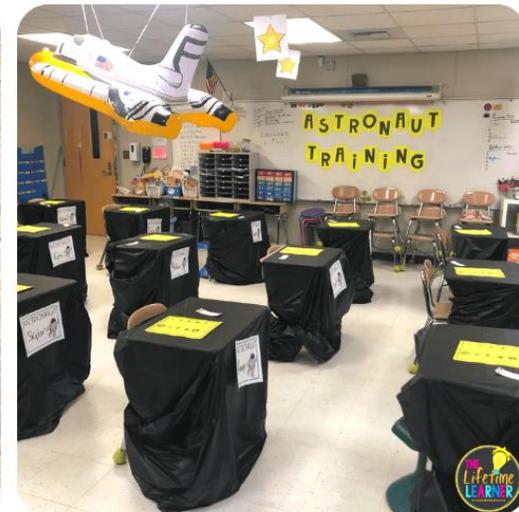
Tell your class they are in space today!

They will practice with fractions as division equations 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 fractions as division equations.

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 checked="" type="checkbox"/>		<input type="checkbox"/>
Uranus		Saturn	
	<input type="checkbox"/>		<input type="checkbox"/>
Mercury		Mars	
	<input type="checkbox"/>		<input type="checkbox"/>
Moon		Sun	

URANUS
Choose the correct answer for each problem.

You use 42 ounces of oxygen from your tank over a course of 8 hours. As a mixed number, how many ounces did you use each hour?

$5\frac{1}{8}$ $5\frac{1}{4}$ $5\frac{1}{3}$

You are traveling 83 miles to Uranus. You travel 9 miles every minute. How many minutes did it take you to get to Uranus? Express your answer as a mixed number.

$9\frac{1}{9}$ $8\frac{3}{9}$ $9\frac{2}{9}$

Six friends will share 3 oxygen tanks. How much of an oxygen tank can each person use? Write your answer as a mixed number.

$\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{2}$

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

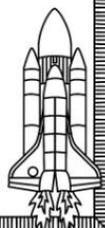
SUN

You are calculating how much hydrogen and helium the Sun is made up of. Your fellow astronaut tried solving each problem and wrote their answer on each sun. Tell if they are right or wrong and explain why.

Hydrogen

$$\frac{25}{7}$$


Helium

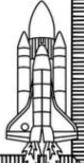
$$\frac{17}{3}$$


MARS

While on your way to Mars, you find 5 pre-made meals while exploring your space ship. You need to divide the meals between yourself and your two crewmates. How many meals will each person receive? Write your answer as a mixed number on the planet.



You find 19 ounces of peanut butter in a jar. You will split the jar equally between 2 separate containers. How much peanut butter will go in each container? Write your answer as a mixed number on the planet.



MOON

Figure out the answer to each problem. Then, put the moons in order from the biggest to the smallest amount by writing a 1 on the biggest moon, a 2 on the next biggest, and a 3 on the smallest.



You have to walk 8 miles across the surface of the moon. You will walk there in 3 hours. How many miles did you walk each hour? Write your answer as a mixed number.



You are going to take 13 pounds of equipment with you on your walk. You will split the equipment between 5 different bags. How many pounds of equipment will be in each bag? Write your answer as a mixed number.



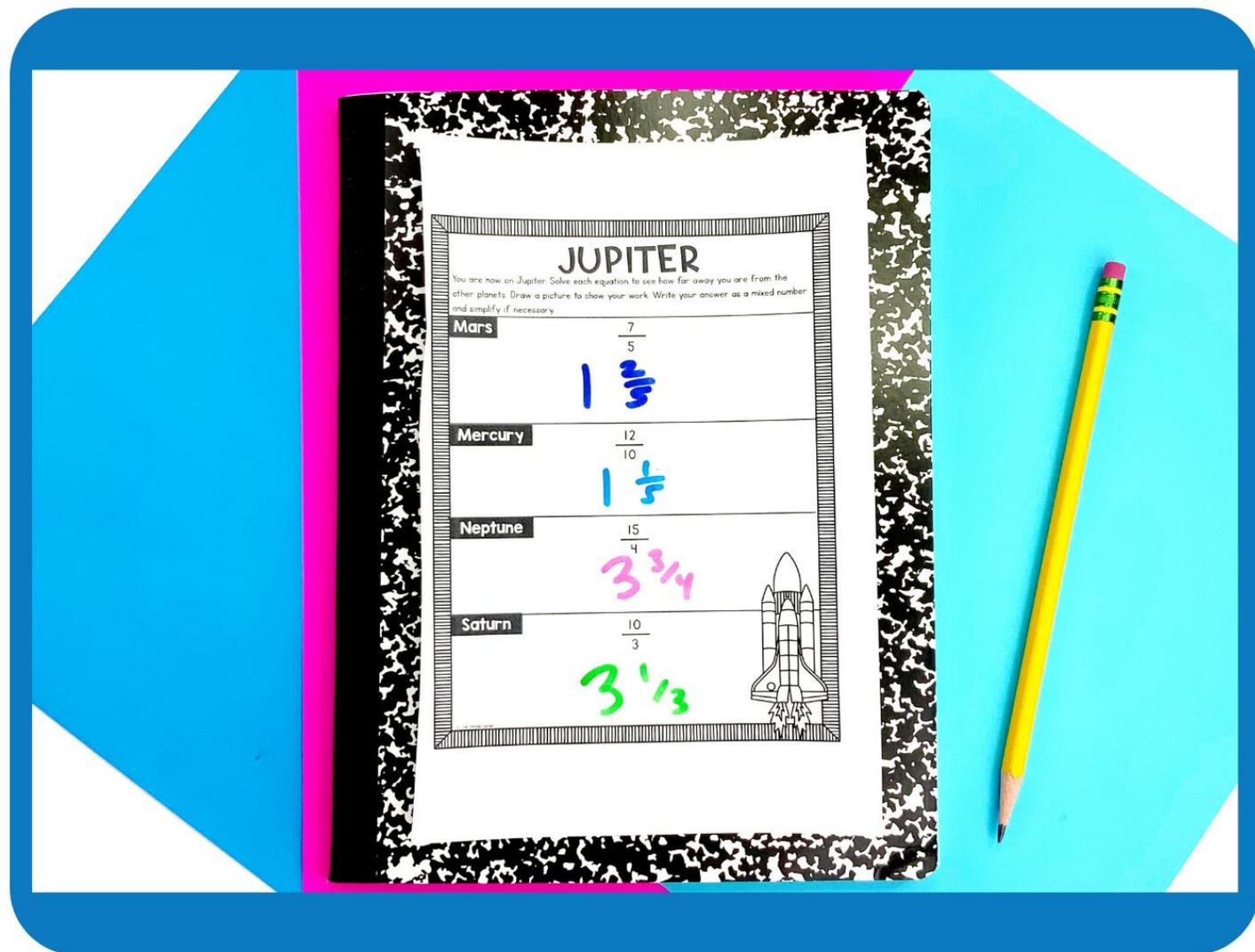
Your astronaut team needs to carry 23 gallons of water bottles to your destination. You will split them between 8 different containers. How many gallons of water is in each container? Write your answer as a mixed number.



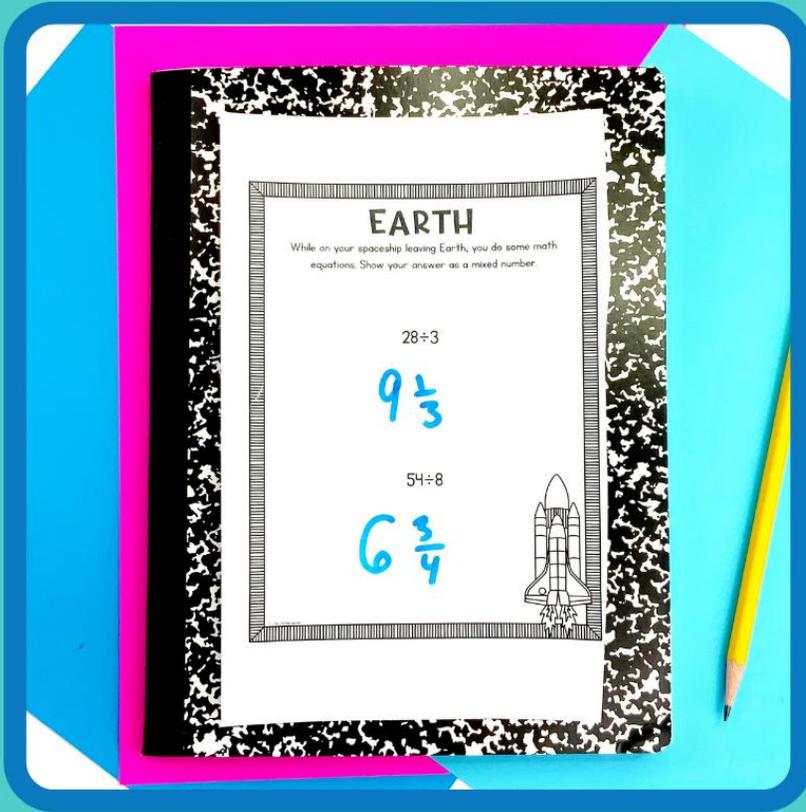
HOW TO USE THIS:

Ideas for Implementation:

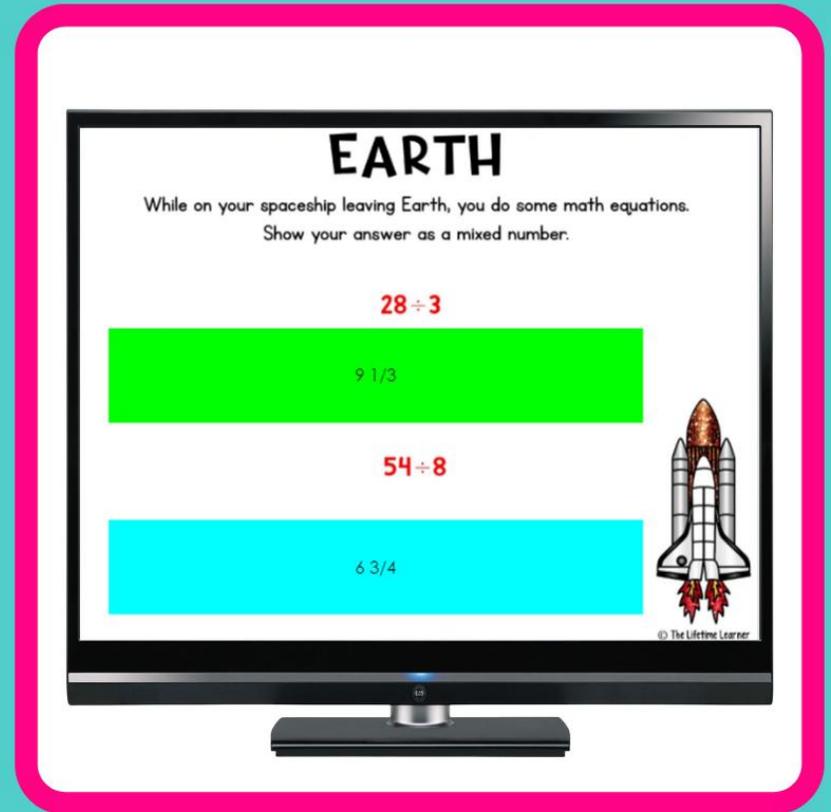
- pick and choose the centers you want to use: do what works best for your class!
- you can have students work individually, in partners, or small groups--any way works!
- give students 1-2 hours to complete all 10 activities
- give less than 10 challenges to students if you are short on time
- OR spread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

MOON

Figure out the answer to each problem. Then, put in order from the biggest to the smallest amount by volume. The biggest moon, a 2 on the next biggest, and a 3 on the smallest.

You have to walk 8 miles across the surface of the moon. How long will it take you to walk across the moon if you walk at a speed of 4 miles per hour?

URANUS

Choose the correct answer for each problem.

You use 42 ounces of oxygen from your tank over a course of 8 hours. As a mixed number, how many ounces did you use each hour?

SATURN

Put on board solved the equation below. They solved the problem incorrectly. Explain the mistake she made.

It takes 11 miles to Saturn. You travel 5 miles every minute. How many minutes will it take to get to Saturn?

MARS

While on your way to Mars, you find 5 pre-made meals in your space ship. You need to divide the meals between 5 astronauts. How many meals will each person get on the planet?

MERCURY

Calculation #1

You are 23 miles away from Mercury. If you reach the planet in 4 seconds, how far did you travel each second?

Write your answer as a mixed number.

NEPTUNE

Space rocks while traveling to Neptune. It takes several hours to reach the planet. Use the table to answer the question below.

January

54

VENUS

You are doing experiments on Venus and need to solve problems during your work. Write your answers as mixed numbers.

Experiment #1

You have 3 moon rocks. You are going to share them between 5 friends. What fraction of the moon rock will each friend get?

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

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

Experiment #2

You need to do a total of 15 experiments by the end of your mission. If you do an equal amount of experiments each day, what fraction of the experiments will you complete every day?

JUPITER

You are now on Jupiter. Solve each equation to see how far away you are from the other planets. Draw a picture to show your work. Write your answer as a mixed number and simplify if necessary.

Mars

$$\frac{7}{5}$$

Mercury

$$\frac{12}{10}$$

SUN

Calculate how much hydrogen and helium the Sun is made up of. An astronaut tried solving each problem and wrote their answer. Tell if they are right or wrong and explain why.

Hydrogen

$$\frac{25}{7}$$

focuses on:
fractions as division
equations.

EARTH

While on your spaceship leaving Earth, you do some math equations.
Show your answer as a mixed number.

$$28 \div 3$$

$$9 \frac{1}{3}$$

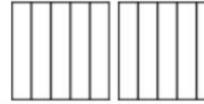
$$54 \div 8$$



JUPITER

You are now on Jupiter. Solve each equation to see how far away you are from the other planets. Draw a picture to show your work. Write your answer as a mixed number and simplify if necessary.

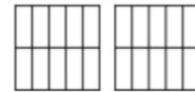
Mars



$$\frac{7}{5}$$

$$1 \frac{2}{5}$$

Mercury



$$\frac{12}{10}$$

$$1 \frac{1}{5}$$

Neptune



$$\frac{15}{4}$$

$$3 \frac{3}{4}$$



VENUS

You are doing experiments on Venus and need to solve the following equations during your work.
Write your answers as mixed numbers.

Experiment #1

You have 3 moon rocks. You are going to share them between yourself and 5 friends. What fraction of the moon rock will each person get?

$$\frac{3}{6} \text{ or } \frac{1}{2}$$



Experiment #2

You need to do a total of 15 experiments by the end of your 6 day trip. If you do an equal amount of experiments each day, what fraction of



MERCURY

Calculation #1

You are 23 miles away from Mercury. If you reach the planet in 4 seconds, how far did you travel each second? Write your answer as a mixed number.

$$5 \frac{3}{4}$$

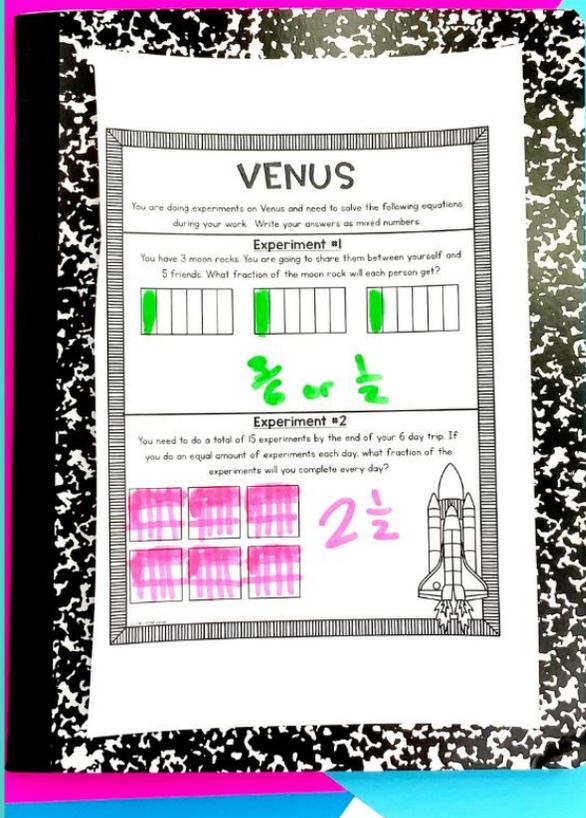
Calculation #2

You leave Mercury and are now headed to another destination. You are 81 miles away from your next stop. If you reach the destination in 5 minutes, how far did you travel each minute? Write your answer as a mixed number.

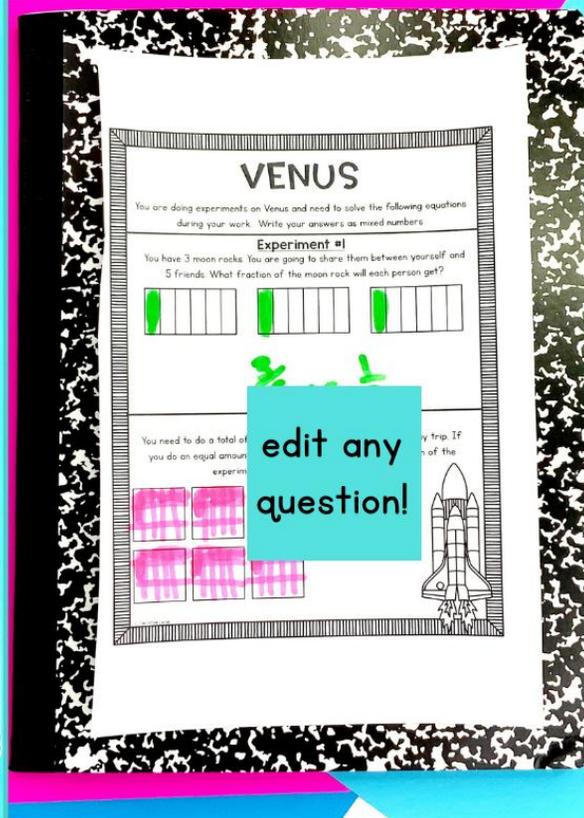


Digital Version: Google Slides

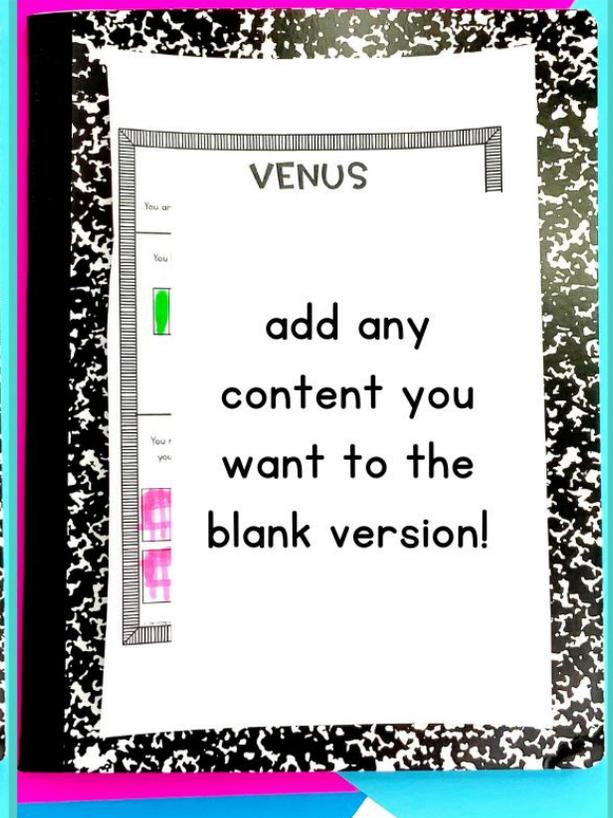
Questions are 100% editable!



10 Pre-Made
Challenges:
Print & Go



10 Pre-Made
Challenges:
Editable Version



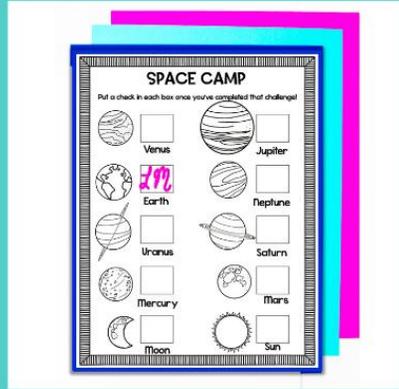
10 Blank Challenges
To Add Your Own
Content

3 Versions Included

WHAT'S INCLUDED?



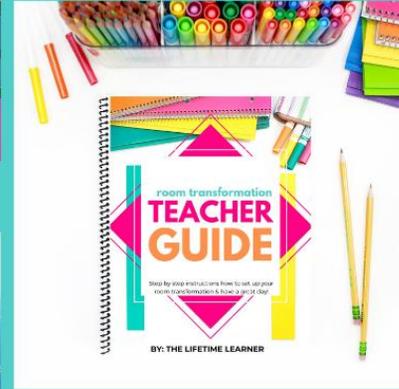
10 Color & B/W Posters



Recording Sheets



Blog Post Ideas



Teacher Guide



Door Decor



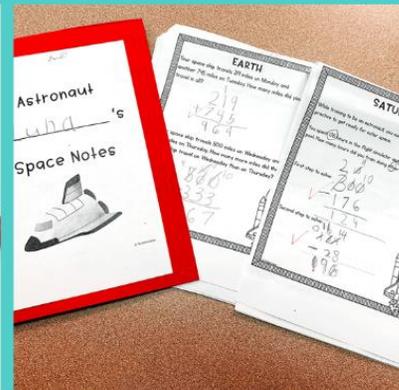
Printable Hats



Name Tags



Coloring Page



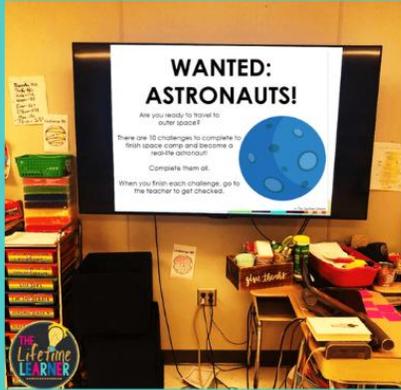
Folder Insert



Decor Posters

keep scrolling to see more!

WHAT'S INCLUDED?



Welcome Slide



Editable Versions



Banner



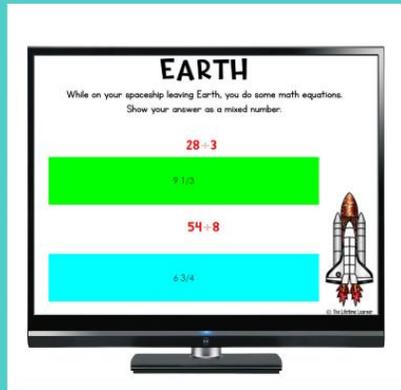
Certificate



Shopping Guide



Admission Tickets



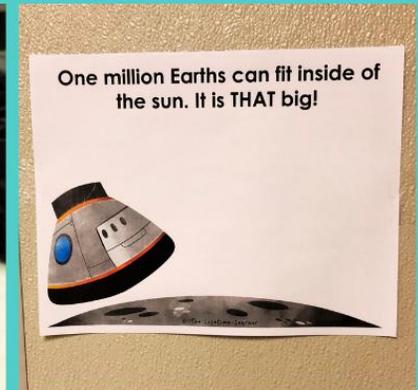
Digital Version



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!



SPACE day addition & subtraction word problems
3.NBT.2
3RD GRADE MATH
EDITABLE
ROOM TRANSFORMATION
By: The Lifetime Learner



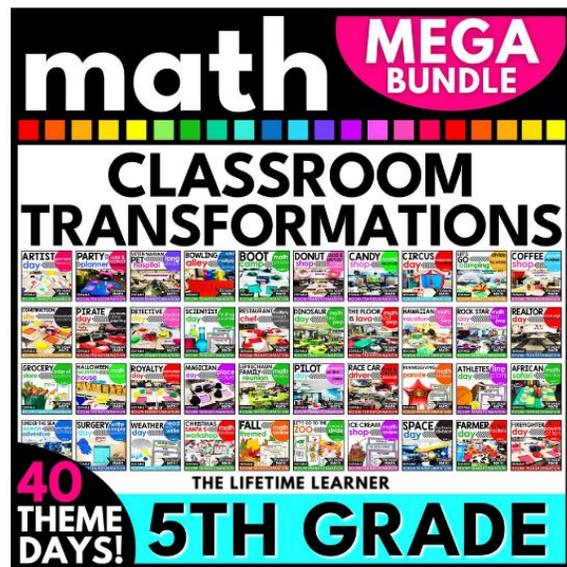
SPACE day multi-digit multiplication
4.NBT.5
4TH GRADE MATH
EDITABLE
ROOM TRANSFORMATION
By: The Lifetime Learner



SPACE day first & secondhand accounts
GRADES 3-5 READING
EDITABLE
ROOM TRANSFORMATION
By: The Lifetime Learner



SPACE day ADD-ON PACK
ZERO-G AT 30,000 FEET
IS THERE LIFE ON MARS?
CIVILIANS IN SPACE
GRADES 3-5 READING
EDITABLE
READING PASSAGES
By: The Lifetime Learner



math MEGA BUNDLE
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40 THEME DAYS!
THE LIFETIME LEARNER
5TH 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!



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**