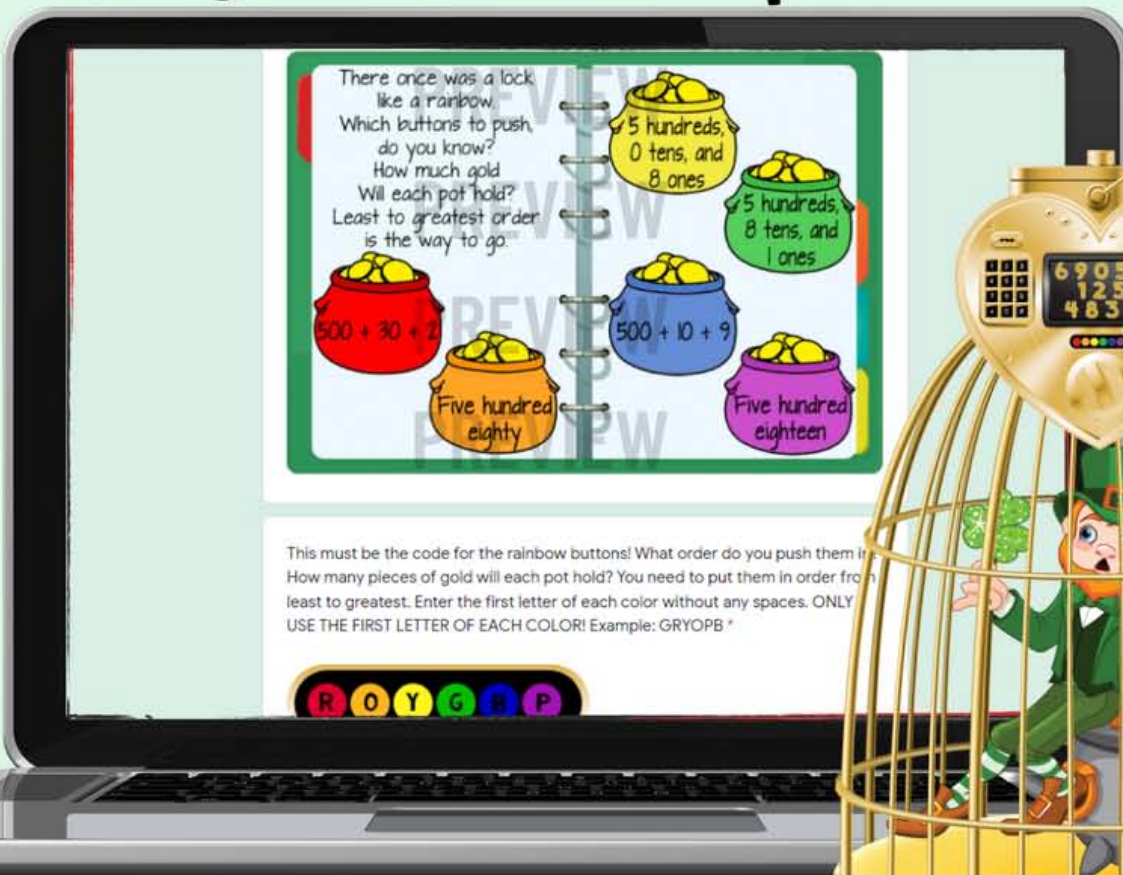




2nd  
Grade  
Math

# Operation Free the Leprechaun Digital Escape Room



**Standards**  
2.NBT.A.1, 2.NBT.A.3,  
2.NBT.A.4, 2.NBT.B.5,  
2.OA.A.1, 2.OA.B.2

**2nd Grade Math Skills**  
Reading numbers in expanded form,  
comparing the value of numbers,  
adding and subtracting, and more!

# Fast Facts

 **No prep, click & go! \*Optional pages to print**

 **Escape Time ~45-60 minutes (varies)**

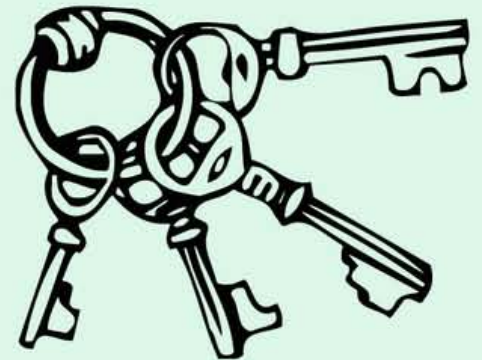
 **Complete as a whole class, small groups, or pairs**

 **Requires internet connected device**

 **Self-Checking**

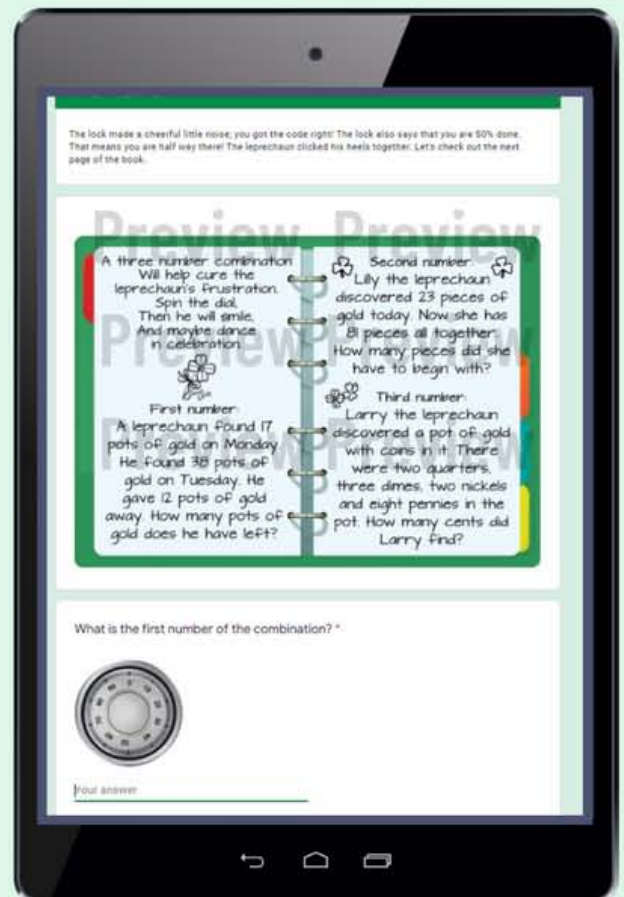
 **Virtual or in-person**

 **Four Engaging Puzzles**



# How it Works:

- The escape room is automated by a Google Form™ (Google™ accounts are not required).
- Use the quick start link to click & go, or create a copy of the form to save to your drive (the teacher must have a Google Account to save a copy).
- Students only progress through the puzzles when correct answers are entered.
- The form provides hints if students enter incorrect answers.



# Puzzle Preview

There once was a lock like a rainbow. Which buttons to push, do you know? How much gold Will each pot hold? Least to greatest order is the way to go.

500 + 30 + 2

Five hundred eighty

5 hundreds, 0 tens, and 8 ones

500 + 10 + 9

5 hundreds, 8 tens, and 1 ones

Five hundred eighteen

This must be the code for the rainbow buttons! What order do you push them in? How many pieces of gold will each pot hold? You need to put them in order from least to greatest. Enter the first letter of each color without any spaces. ONLY USE THE FIRST LETTER OF EACH COLOR! Example: GRYOPB \*

ROY

ypbrog

Back Next

A three number combination Will help cure the leprechaun's frustration. Spin the dial, Then he will smile, And maybe dance in celebration.



First number:  
A leprechaun found 17 pots of gold on Monday. He found 38 pots of gold on Tuesday. He gave 12 pots of gold away. How many pots of gold does he have left?

Second number:  
Lilly the leprechaun discovered 23 pieces of gold today. Now she has 81 pieces all together. How many pieces did she have to begin with?

Third number:  
Larry the leprechaun discovered a pot of gold with coins in it. There were two quarters, three dimes, two nickels and eight pennies in the pot. How many cents did Larry find?

# Puzzle Preview

There once was a girl  
who hid a key.  
She made up clues to tell  
where it would be.  
Missing numbers to find,  
Use your strong mind  
To set the leprechaun  
free.



$$9 - \frac{\quad}{G} = 6$$

$$8 + \frac{\quad}{D} = 8$$

$$\frac{\quad}{A} - 5 = 3$$

$$12 - \frac{\quad}{R} = 5$$

$$9 + \frac{\quad}{H} = 11$$

$$\frac{\quad}{C} + 7 = 11$$

$$8 + \frac{\quad}{U} = 14$$

$$14 - \frac{\quad}{E} = 9$$

$$7 + \frac{\quad}{N} = 16$$

$$1 - \frac{\quad}{T} = 0$$

$$\begin{array}{r} 69057 \\ - 125 \\ \hline \end{array}$$

A lucky number I did  
choose.

Can you guess what it  
is from my clues?

Figure it out,  
the leprechaun  
will pout,

keypad this  
you'll use!



Start with 3 hundreds,  
9 tens, and 6 ones.

Add 258

Take away 123

Add 246

Luck

# Optional Printable Pages

## Puzzle Helper Page

Directions: Use this page to help you solve some of the puzzles to free the leprechaun!

- Red \_\_\_\_\_
- Orange \_\_\_\_\_
- Yellow \_\_\_\_\_
- Green \_\_\_\_\_
- Blue \_\_\_\_\_
- Purple \_\_\_\_\_



Hint: First figure out how many pieces of gold are in each pot. Next, put them in order from least to greatest.

Enter your answer using the first letter of each color and no spaces.



$$\begin{array}{r} 69057 \\ 125 \\ \hline 4835 \end{array}$$

Hint: To find where the key is hidden, find the missing number in each addition or subtraction problem. Do you see the letter under your answer? Fill in the letters that match up with your answers here. One has been done for you!

You can use this space and the back of the page to show your work!



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9

First number:  
A leprechaun found 77 pots of gold on Monday. He found 30 pots of gold on Tuesday. He gave 12 pots of gold away. How many pots of gold does he have left?



Second number:  
Lily the leprechaun discovered 23 pieces of gold today. Now she has 28 pieces all together. How many pieces did she have to begin with?

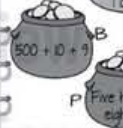
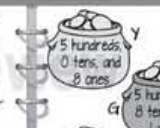
Third number:  
Larry the leprechaun

There once was a girl who hid a key. She made up clues to 1 where it would be. Missing numbers to find. Use your strong mind To set the leprechaun free.



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There once was a lock like a rainbow. Which buttons to push do you know? How much gold will each pot hold? Least to greatest order is the way to go.



A lucky number I did choose. Can you guess what it is from my clues? Figure it out. Or the leprechaun will pout. On the keypad this number you'll use!

Start with 3 hundreds, 9 tens, and 6 ones.  
Add 258  
Take away 123  
Add 246



WHO NEEDS LUCK WHEN YOU HAVE SKILLS?

Success Signs

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# You Might Also Like

**The Great CLASSROOM ESCAPE**  
2nd Grade Place Value



**THE GREAT PUMPKIN HEIST DIGITAL ESCAPE ROOM**

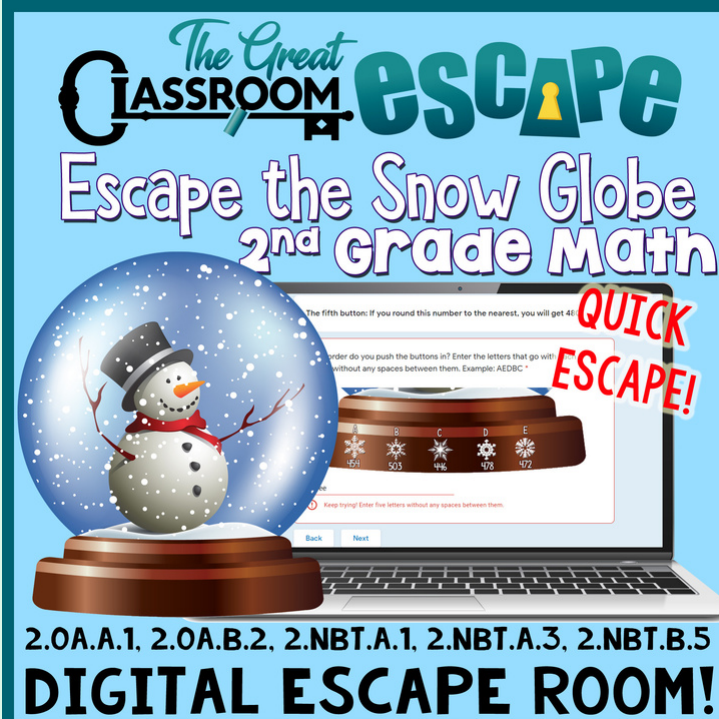
**The Great CLASSROOM ESCAPE**  
2-Digit Addition BUNDLE



**2nd Grade Math**

**The Case of the Tricky Turkeys DIGITAL OR PRINT ESCAPE ROOM!**

**The Great CLASSROOM ESCAPE**  
Escape the Snow Globe  
2nd Grade Math



**2.OA.A.1, 2.OA.B.2, 2.NBT.A.1, 2.NBT.A.3, 2.NBT.B.5**  
**DIGITAL ESCAPE ROOM!**

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Stop the Valentine's Villain  
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**DIGITAL ESCAPE ROOM!**



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