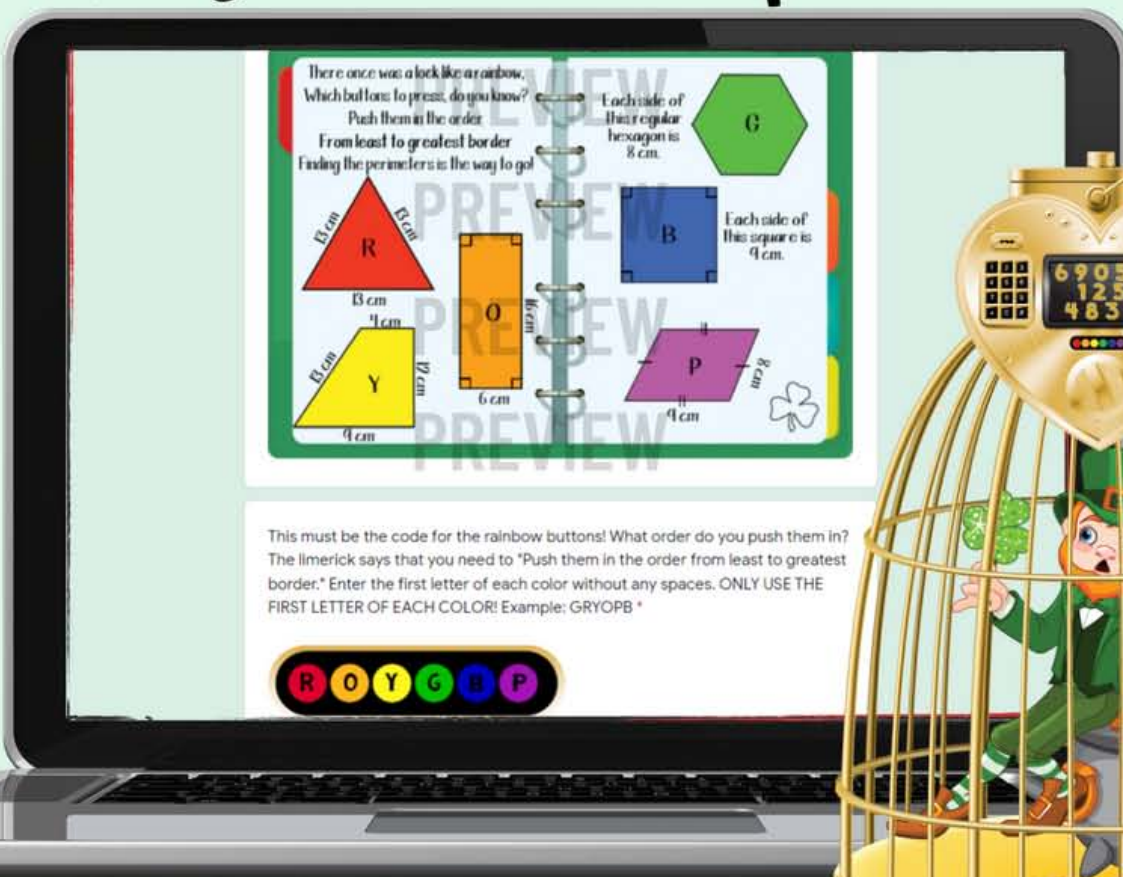




3rd
Grade
Math

Operation Free the Leprechaun Digital Escape Room




Standards

3.MD.D.8, 3.NBT.A.1,
3.NBT.A.2, 3.NBT.A.3,
3.OA.A.1, 3.OA.A.4,
3.OA.C.7, 3.OA.D.8

3rd Grade Math Skills
Finding the perimeter of polygons,
finding missing factors or divisors,
add and subtract within 1,000 & more!

Fast Facts

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

 Escape Time ~45-60 minutes (varies)

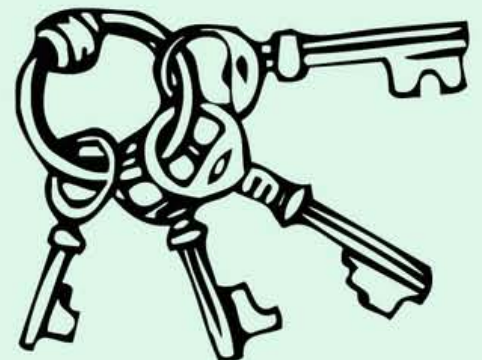
 Complete as a whole class, small groups, or pairs

 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 press, do you know?
Push them in the order
From least to greatest border
Finding the perimeters is the way to go!

R

Y

O

B

P

G

This must be the code for the rainbow buttons! What order do you push them in? The limerick says that you need to "Push them in the order from least to greatest border." Enter the first letter of each color without any spaces. ONLY USE THE FIRST LETTER OF EACH COLOR! Example: GRYOPB *



Your answer

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



First number of the combination:
At the end of the rainbow, the
leprechaun found 8 small pots
of gold. Each pot had 7 pieces
of gold in it. He already had 15
pieces of gold in his pocket.
How many pieces does he have
all together?

Second number:

There were 20 shamrocks in the
field. Each shamrock had 3
leaves. There were 6 four-leaf
clovers in the field (with 4 leaves
each). How many leaves were
there all together on the
shamrocks and clovers?



Third number:

A family of nine leprechauns
found a pot of gold with 54
pieces of gold in it. They shared
the gold equally. The littlest
leprechaun already had 27 pieces
of gold at home. How much gold
does he have now?

— — —

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.



$$18 \div \frac{\quad}{G} = 6$$

$$9 \times \frac{\quad}{D} = 0$$

$$\frac{\quad}{A} \times 9 = 72$$

$$56 \div \frac{\quad}{R} = 8$$

$$16 \div \frac{\quad}{H} = 8$$

$$\frac{\quad}{C} \times 7 = 28$$

$$54 \div \frac{\quad}{U} = 9$$

$$30 \div \frac{\quad}{E} = 6$$

$$7 \times \frac{\quad}{N} = 63$$

$$10 \div \frac{\quad}{T} = 10$$

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

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



Round 53 to the nearest ten
Multiply your answer by 7

Subtract III

Add 649

Round to the nearest hundred

Subtract 123

Luck 

Optional Printable Pages

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

Perimeter of each polygon:

Red _____ cm

Orange _____ cm

Yellow _____ cm

Green _____ cm

Blue _____ cm

Purple _____ cm



Hint: "Put them in order from the least to greatest border."

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



6 9 0 5 7

1 2 5

4 8 3 5

You can use this space to show your work.



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Puzzle Helper Page

A three number combination will help you find the leprechaun's foundation. Spin the dial. The leprechaun will smile. And maybe dance in celebration.

First number of the combination: At the end of the rainbow, the leprechaun found 8 small pots of gold. Each pot had 7 pieces of gold in it. He already had 5 pieces of gold in his pocket. How many pieces does he have all together?

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.

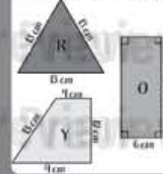


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Second number: There were 20 shamrocks in the field. Each shamrock had 3 leaves. There were 6 four leaf clovers in the field. How many leaves were there all together on the shamrocks and clovers?

Third number: A bush of six leprechauns.

There once was a lock like a rainbow. Which had to be pressed in a certain order. Push them in the order from least to greatest border. Finding the perimeter is the way to get



Each side of the regular hexagon is 8 cm.



Each side of this square is 9 cm.



A lucky number told choices. Can you guess what it is from my clues?

Figure it out. Or the leprechaun will point. On the keypad this number you'll find.



Round 53 to the nearest 10.

Multiply your answer by 7.

Subtract 118.

Add 679.

Round to the nearest hundred.

Subtract 123.

WHO NEEDS LUCK WHEN YOU HAVE SKILLS?

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Success Signs

You May Also Like

The Great CLASSROOM ESCAPE
CAPTURE THE CANDY CORN MAN
Multiplication Activity

Easy to Implement!

Multiply, divide as fast as you can. You can't catch me. I'm the Candy Corn Man!

3RD GRADE CONTENT 3.OA.A.1, 3.OA.A.3
DIGITAL ESCAPE ROOM!

The Great CLASSROOM ESCAPE
Operation Unlock the Oven
3rd Grade Math Content

Digital or Print!

THANKSGIVING ESCAPE ROOM

The Great CLASSROOM ESCAPE
Escape the Snow Globe
3rd Grade Math

Quick Escape!

3.OA.A.3, 3.OA.D.8, 3.NBT.A.1, 3.NBT.A.2
DIGITAL ESCAPE ROOM!

The Great CLASSROOM ESCAPE
Revenge of the Gingerbread Man

3RD Grade Math

I don't have to run, run as fast as I can. You can't catch me because you fell for my plan!

I won't be outsmarted by a sly old fox as you search for the key and unlock the locks!

DIGITAL ESCAPE ROOM!

The Great CLASSROOM ESCAPE
3RD GRADE MATH CONTENT

BOOM! CARDS

STOP THE VALENTINE'S VILLAIN
DIGITAL ESCAPE ROOM!

The Great CLASSROOM ESCAPE
THIRD GRADE MATH CONTENT
 CCSS.MATH.CONTENT.3.MD.D.8, 3.NBT.A.1, 3.NBT.A.2, 3.NBT.A.3, 3.OA.A.1, 3.OA.A.4, 3.OA.C.7, 3.OA.D.8

Automated by a Google Form. No clues to hide!

**OPERATION FREE THE LEPRECHAUN
 DIGITAL ESCAPE ROOM!**

The Great CLASSROOM ESCAPE
3RD GRADE MATH

Easy to implement! No clues to hide!

Code Number:
 A robot has a total of 87 buttons on it. 15 buttons are on its belly. The rest of the buttons are divided evenly into 8 rows on its back. How many buttons are in each row?

Reprogram the Robots!

DIGITAL ESCAPE ROOM

The Great CLASSROOM ESCAPE
3RD GRADE FRACTIONS

BOOM! CARDS

Brew the potion to break out!
DIGITAL ESCAPE ROOM

The Great CLASSROOM ESCAPE

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