The Great Classroom Escape

5th Grade Math

Operation: Unlock the Oven

Digital or Pring Escape Room

The Great Classroom Escape

Standards

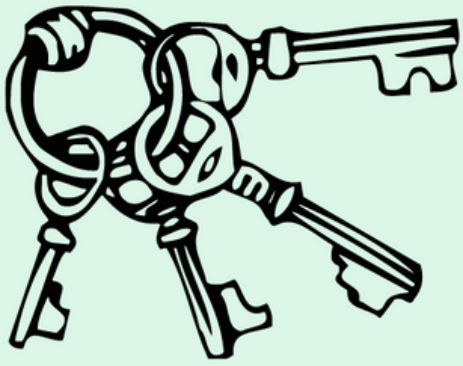
5.NBT.A.3, 5.NBT.A.3a, 5.NBT.A.3b, 5.NBT.B.7, 5.OA.A.1, 5.OA.A.2

5th Grade Math Skills

Rounding decimals, evaluating expressions with parentheses, comparing decimals number, & more!

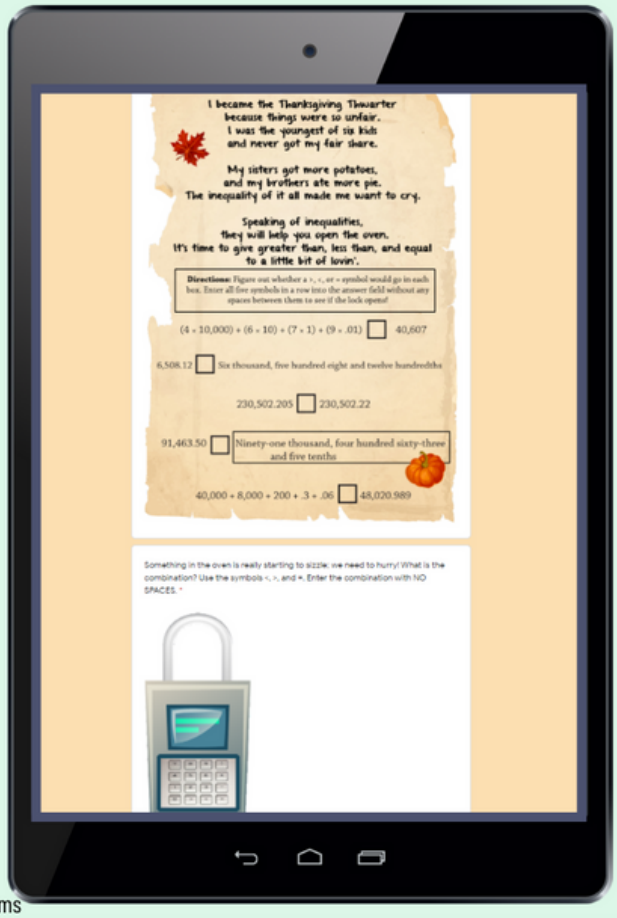
Fast Facts

- **No prep, click & go! Optional printable pages**
- **Escape Time ~45-60 minutes**
- **Recommended to complete in small groups**
- **Requires internet connected device**
- **Self-Checking**
- **Virtual or in-person**
- **Five Engaging Puzzles**



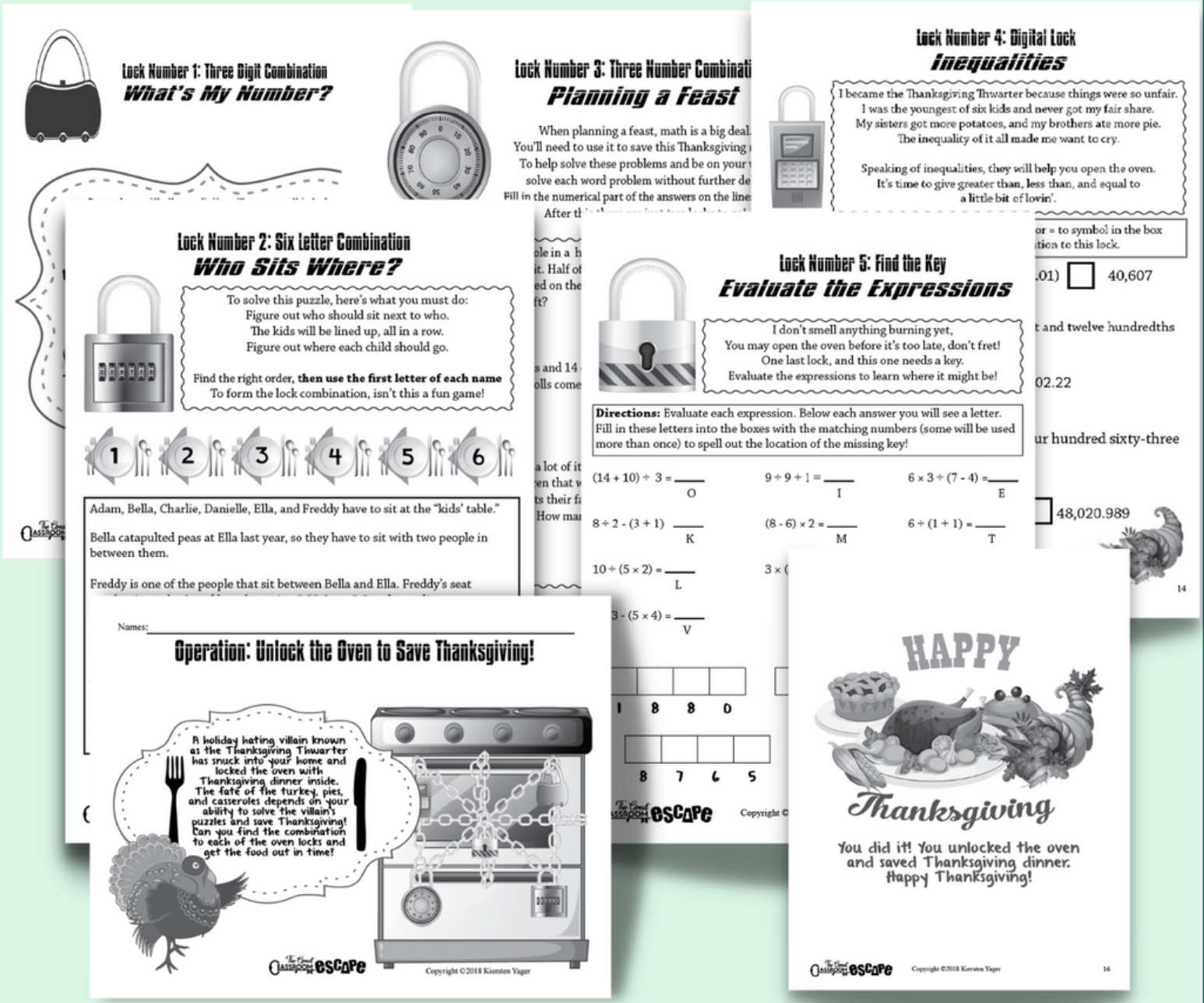
How it Works (Digital):

- 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.



How it Works (Print):

- **There are seven pages to print (not including optional success signs). Hand students the backstory and clue 1. Once they return clue 1 to you, check the answer and give them clue 2, then 3, 4, and 5. Finally hand out the success page!**



Digital Puzzle Preview

A number with three digits will open up this lock.
These clues will help you find it before the turkey burns hard as a rock.

Drawing a number line might help you too,
Enter the number below when you are through!

My number has ones, tenths, and hundredths

Rounding to the nearest whole number, you get 4

Rounding it to the nearest tenth, you get 3.5

The number of hundredths is greater than 3

Adam, Bella, Charlie, Danielle, Ella, and Freddy have to sit at the "kids' table."

Bella catapulted peas at Ella last year, so they have to sit with two people in between them.

Freddy is one of the people that sit between Bella and Ella. Freddy's seat number can be found by subtracting 8.23 from 9.8 and rounding your answer to the nearest whole number.

Charlie gets a bit wild with his elbows, so he has to sit on one of the ends.

Adam gets along with everyone. His seat number can be found by adding three and three hundredths to 2.2, then rounding your answer to the nearest whole number.

Danielle does not sit next to Ella.

Digital Puzzle Preview

Apple pie is my favorite. I bake a lot of it because I never got my fair share as a kid. The 18 adult children that will be at m will each get 3 pieces of pie sure everyone gets their f There are 8 pieces in e each pie contains 6 ap many apples will I ne

This year, there will and 14 children at my Thanksgiving. Each pe eat 2 rolls. If rolls com packages of 8, how ma packages do I need to b

Last year, I baked a corn casserole in a huge rectangular dish. I cut it into 4 rows. Each row had 8 pieces in it. Half of the corn casserole was eaten by my guests, then 3 pieces got dropped on the floor and my dog ate them. How many pieces of corn casserole were left?

I became the Thanksgiving Thwarter
because things were so unfair.
I was the youngest of six kids
and never got my fair share.

My sisters got more potatoes,
and my brothers ate more pie.
The inequality of it all made me want to cry.

Speaking of inequalities,
they will help you open the oven.
It's time to give greater than, less than, and equal
to a little bit of lovin'.

Directions: Figure out whether a >, <, or = symbol would go in each box. Enter all five symbols in a row into the answer field without any spaces between them to see if the lock opens!

$(4 \times 10{,}000) + (6 \times 10) + (7 \times 1) + (9 \times .01)$ ☐ 40,607

6,508.12 ☐ Six thousand, five hundred eight and twelve hundredths

230,502.205 ☐ 230,502.22

91,463.50 ☐ Ninety-one thousand, four hundred sixty-three and five tenths

$40{,}000 + 8{,}000 + 200 + .3 + .06$ ☐ 48,020.989

Directions: Evaluate each expression. Below each answer you will see a letter. Fill in these letters into the boxes with the matching numbers (some will be used more than once) to spell out the location of the missing key!

$(14 + 10) \div 3 =$ ___ O	$9 \div 9 + 1 =$ ___ I	$6 \times 3 \div (7 - 4) =$ ___ E
$8 \div 2 - (3 + 1)$ ___ K	$(8 - 6) \times 2 =$ ___ M	$6 \div (1 + 1) =$ ___ T
$10 \div (5 \times 2) =$ ___ L	$3 \times (8 - 5) =$ ___ H	$5 \div (7 - 6) =$ ___ N
$9 \times 3 - (5 \times 4) =$ ___ V		

1	8	8	0	2	5	3	9	6			
8	7	6	5	4	2	3	3				

Optional Printable Pages

Backstory with QR code

Success Signs

You May Also Like

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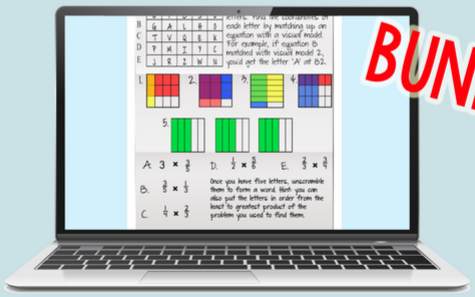
Operations with Fractions

DIGITAL ESCAPE ROOM!



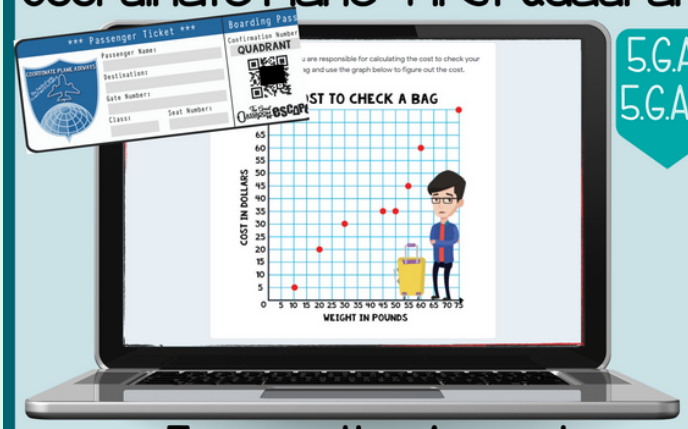
5TH GRADE MATH CONTENT

Numbers & Operations – Fractions Standards

Easy to implement! Automated by Google Forms™!

The Great Classroom Escape

Coordinate Plane- First Quadrant



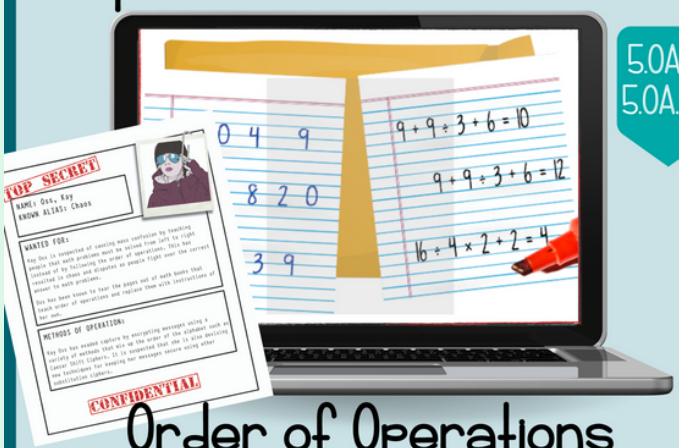
5.G.A.1
5.G.A.2

Escape the Airport

DIGITAL ESCAPE ROOM!

The Great Classroom Escape

Operation Restore Order



5.OA.A.1
5.OA.A.2

Order of Operations

DIGITAL ESCAPE ROOM!

The Great Classroom Escape

Adding & Subtracting Fractions

5.NF.A.1, 5.NF.A.2

Easy to Implement

DIGITAL ESCAPE ROOM!

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