The Great Classroom Escape

4th Grade Math

Operation: Unlock the Oven

Digital or Pring Escape Room

The Great Classroom Escape

Standards

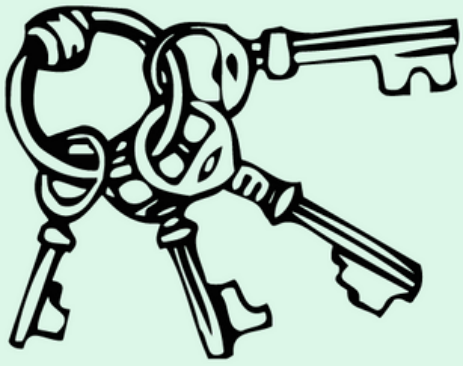
4.NBT.A.2, 4.NBT.A.3, 4.NBT.B.6, 4.OA.A.1, 4.OA.A.3

4th Grade Math Skills

DIvide 3 digits by 1 digit, interpret multiplicative comparisons, solve multi-step word problems, & more!

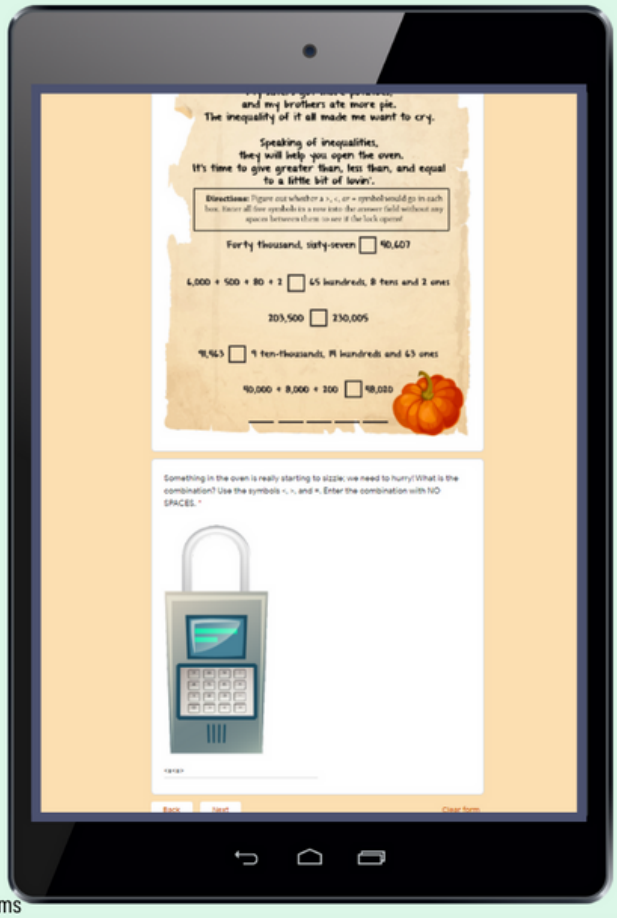
Fast Facts

- **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**



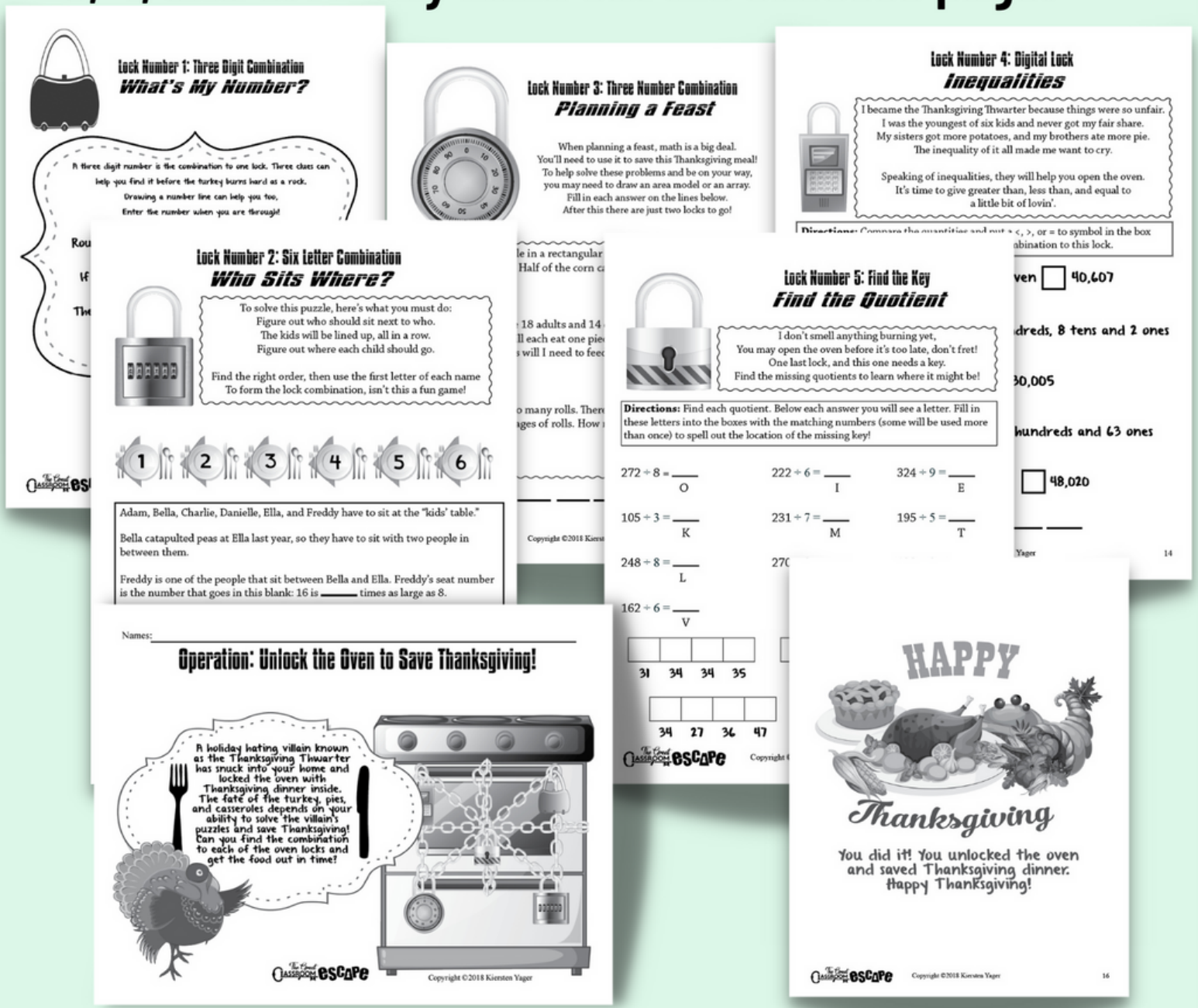
How it Works (Digital):

- 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 three digit number is the combination to one lock. Three clues can help you find it before the turkey burns hard as a rock.

Drawing a number line can help you too,

Enter the number when you are through!

Rounding my number to the nearest hundred, you get 1,000.

If you round it to the nearest ten, you get 950.

The number of ones in my number is greater than three.

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 is the number that goes in this blank: 16 is _____ times as large as 8.

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

Adam gets along with everyone. This year, his seat number is the number that goes in this blank: 45 is _____ times as large as 9.

Danielle does not sit next to Ella.

Sample Puzzles

Third number in the combination:

You can never have too ma
There are 8 rolls per packa
year I bought 12 package
How many rolls is

First number in the c

I baked a corn casser
rectangular dish. I cut
rows. Each row had 8 piec
Half of the corn casserole
eaten. How many pieces ar

Second number in the combination:

This year, there will be 18 adults and 14 children at my house for Thanksgiving. They will each eat one piece of pie. Each pie is cut into 8 pieces. How many pies will I need to feed all of these people?

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!

Forty thousand, sixty-seven ☐ 40,607

6,000 + 500 + 80 + 2 ☐ 65 hundreds, 8 tens and 2 ones

203,500 ☐ 230,005

91,463 ☐ 9 ten-thousands, 14 hundreds and 63 ones

40,000 + 8,000 + 200 ☐ 48,020

___ ___ ___ ___ ___

Directions: Find each quotient. 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!

272 ÷ 8 = ___ O	222 ÷ 6 = ___ I	324 ÷ 9 = ___ E
105 ÷ 3 = ___ K	231 ÷ 7 = ___ M	195 ÷ 5 = ___ T
248 ÷ 8 = ___ L	270 ÷ 9 = ___ H	423 ÷ 9 = ___ N

162 ÷ 6 = ___ V

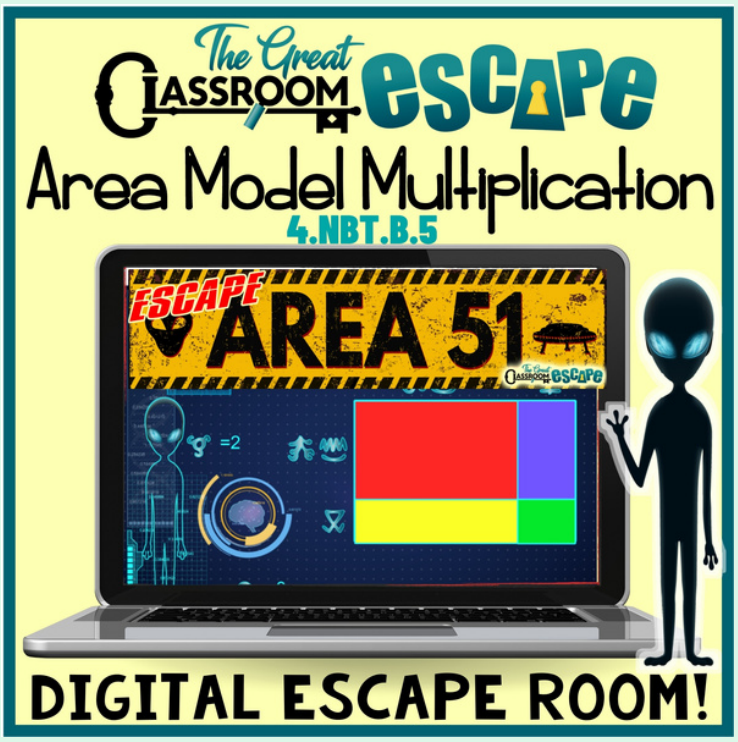
31	34	34	35	37	47	39	30	36	
34	27	36	47	33	37	39	39		

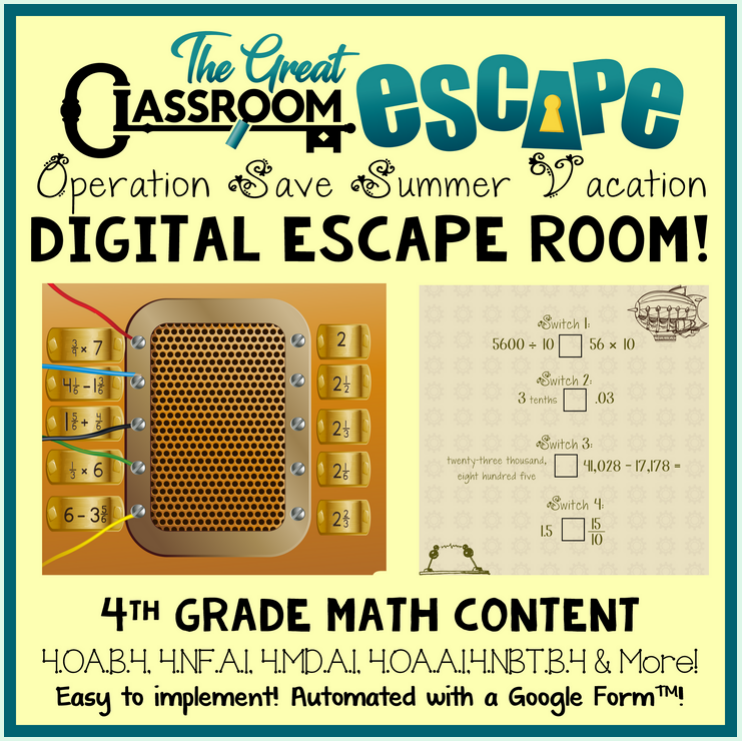
Optional Printable Pages

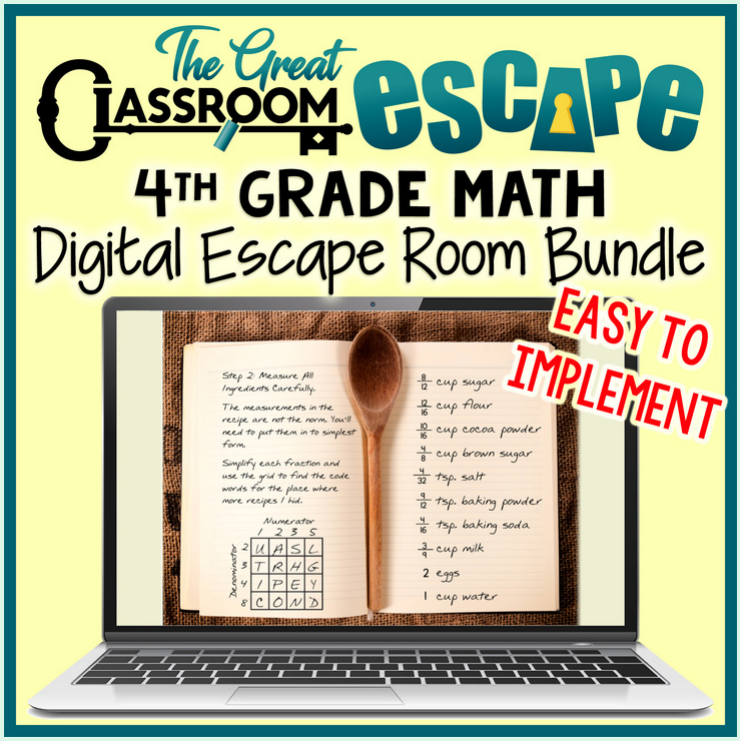
Backstory with QR code

Success Signs

You May Also Like







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