



Escape the Snow Globe

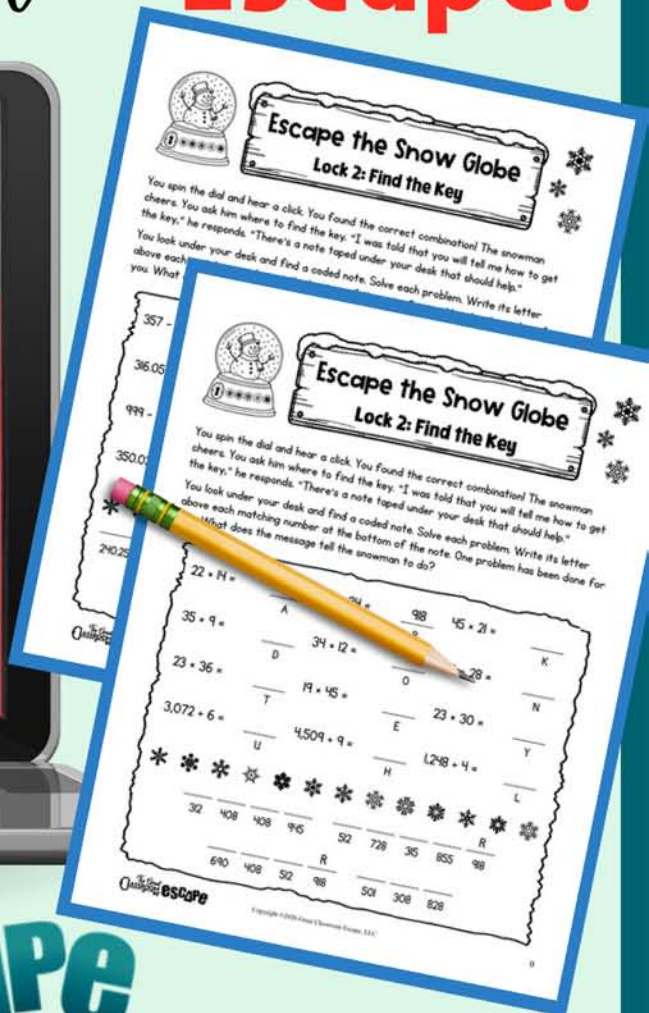
The Great CLASSROOM escape

5th
Grade
Math

Save the Snowman!
Place Value & Decimals

Print or Digital
Escape Room

Quick
Escape!



The Great CLASSROOM escape

Standards

5.NBT.A.1, 5.NBT.A.3,
5.NBT.A.4, 5.NBT.B.7

5th Grade Math Skills

- Adding, subtracting, decimals
- Multiplying Decimals
- Value of a digit, place value

Fast Facts

 No prep digital - optional printable supplements

 Low-prep black-and-white printable version

 Escape Time ~20-45 minutes (Quick Escape)

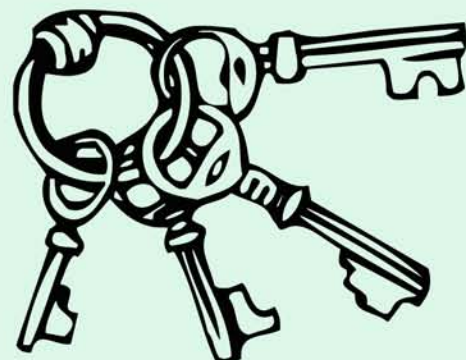
 Complete individually or in small groups

 Requires internet connected device

 Self-Checking Digital Version

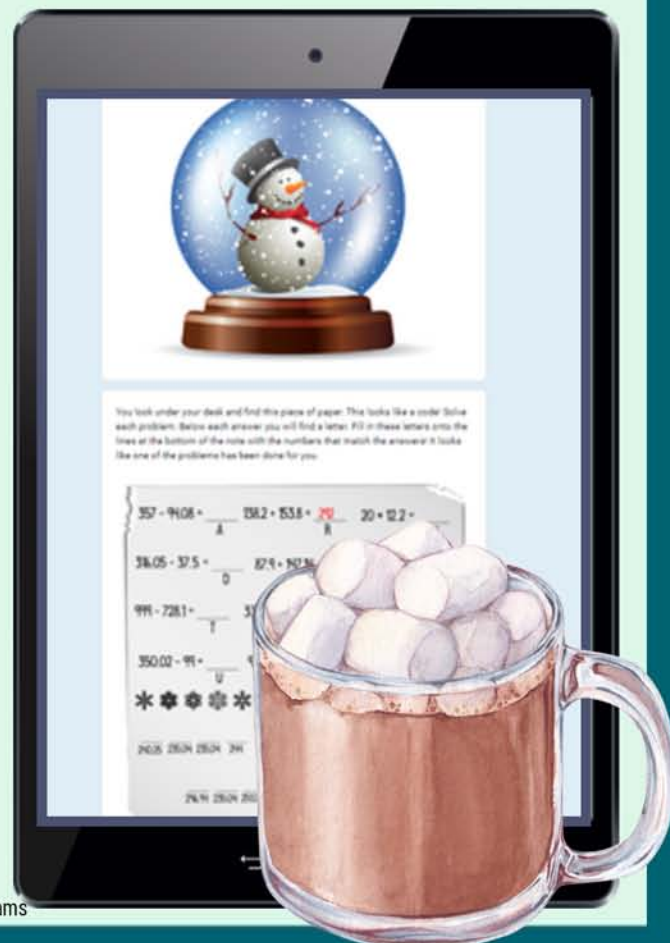
 Virtual or In-Person

 Three Engaging Puzzles



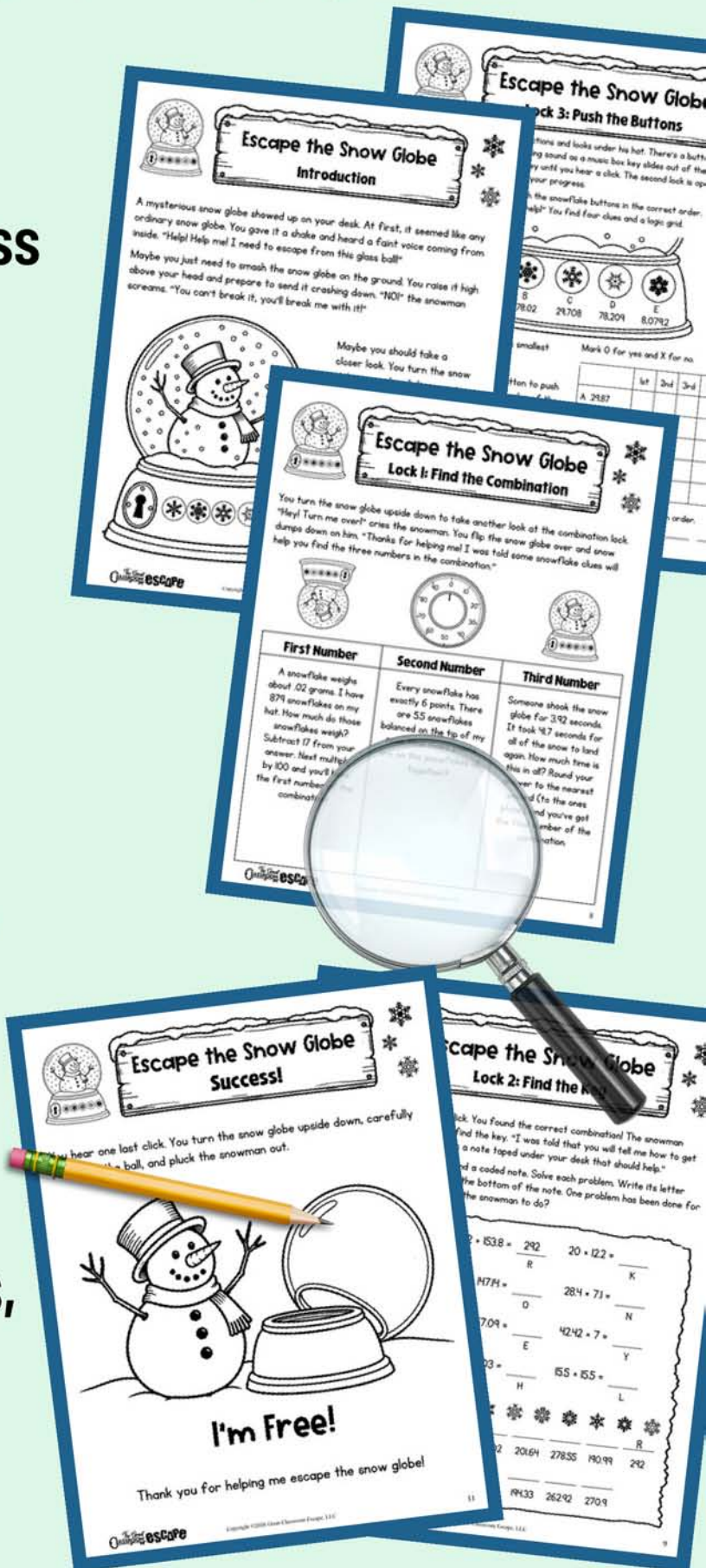
How it Works - Digital:

- 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:

- Low prep!
- Print the three clues, introduction, and success pages.
- Give students the intro and clue 1 to begin
- When students solve a clue, they bring the answer to you.
- If the answer is correct, give the next clue.
- Continue until students solve the final clue.
- Use individually, in pairs, in small groups, or as a whole class.
- Great for centers!



Puzzle Preview

Quick Escape!



Do not push the button with the smallest number 1st, 2nd, or 3rd.

The value of the 9 in the 4th button to push is 1,000 times as much as the value of the 9 in 207.98

The digit 8 in the first button to push has the same value as the 8 in the second button to push.

The largest number is not the first button you should push.

	1st	2nd	3rd	4th	5th
A	29.7				
B	78.02				
C	29.708				
D	8,209				
E	8,079.2				

$$\text{A} \quad 138.2 + 153.8 = \text{292} \quad \text{R} \quad 20 \times 12.2 = \text{K}$$

$$\text{D} \quad 87.9 + 147.14 = \text{O} \quad 28.4 \times 7.1 = \text{N}$$

$$\text{T} \quad 728.1 = \text{E} \quad 33.9 + 157.09 = \text{Y} \quad 42.42 \times 7 = \text{Y}$$

$$\text{U} \quad 97.3 + 97.03 = \text{H} \quad 15.5 \times 15.5 = \text{L}$$



$$\text{R} \quad \begin{array}{r} 235.04 \\ 244 \end{array} \quad \begin{array}{r} 251.02 \\ 201.64 \end{array} \quad \begin{array}{r} 278.55 \\ 190.99 \end{array} \quad \begin{array}{r} 292 \end{array}$$

$$\text{R} \quad \begin{array}{r} 296.94 \\ 235.04 \end{array} \quad \begin{array}{r} 251.02 \\ 292 \end{array} \quad \begin{array}{r} 194.33 \\ 262.92 \end{array} \quad \begin{array}{r} 270.9 \end{array}$$



Puzzle Preview

"Thanks for helping me! The clues to find the combination all have something to do with snowflakes. Here's a clue to the first number. A snowflake weighs .02 grams. I have 879 snowflakes on my hat. How much do those snowflakes weigh? Subtract 17 from your answer. Next multiply by 100 and you'll have the first number of the combination!"



Your answer

"To find the second number of the combination, you have to add up the points on a snowflake. Every snowflake has exactly 6 points. There are 5.5 snowflakes on the tip of my nose. How many points are on the snowflakes on my nose? Do not label your answer."



Your answer

"Here's your clue to find the third number. Someone shook the snow globe for 3.92 seconds. It took 41.7 seconds for all of the snow to land again. How much time is this in all? Round your answer to the nearest second (to the ones place). You've got the final number of the combination." Type a two-digit number for the final number.



Back

Next

Clear form



Optional Printable Pages

Escape the Snow Globe

Name: _____

Use the space below to write equations, draw models, and solve problems. Use the back of the page for more space!

What is the combination to the lock?

	First Number	Second Number	Third Number
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Where is the key? Use this area to work out the problems. Use the back of the page for more space.

$$\begin{array}{r} 240.25 \\ 235.04 \\ 235.04 \\ 244 \\ \hline 251.02 \\ 201.64 \\ 278.55 \\ 190.99 \\ 292 \end{array}$$

$$\begin{array}{r} 296.94 \\ 235.04 \\ 251.02 \\ 292 \\ \hline 194.33 \\ 262.92 \\ 270.9 \end{array}$$

What order do you press the buttons in? Write the letters on the lines.



	1st	2nd	3rd	4th	5th
A 29.87					
B 978.02					
C 29.708					
D 78,209					
E 8,079.2					

The Great CLASSROOM ESCAPE

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Student
Recording
Page

Success
Signs

LET IT SNOW!

The Great
CLASSROOM
ESCAPE

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