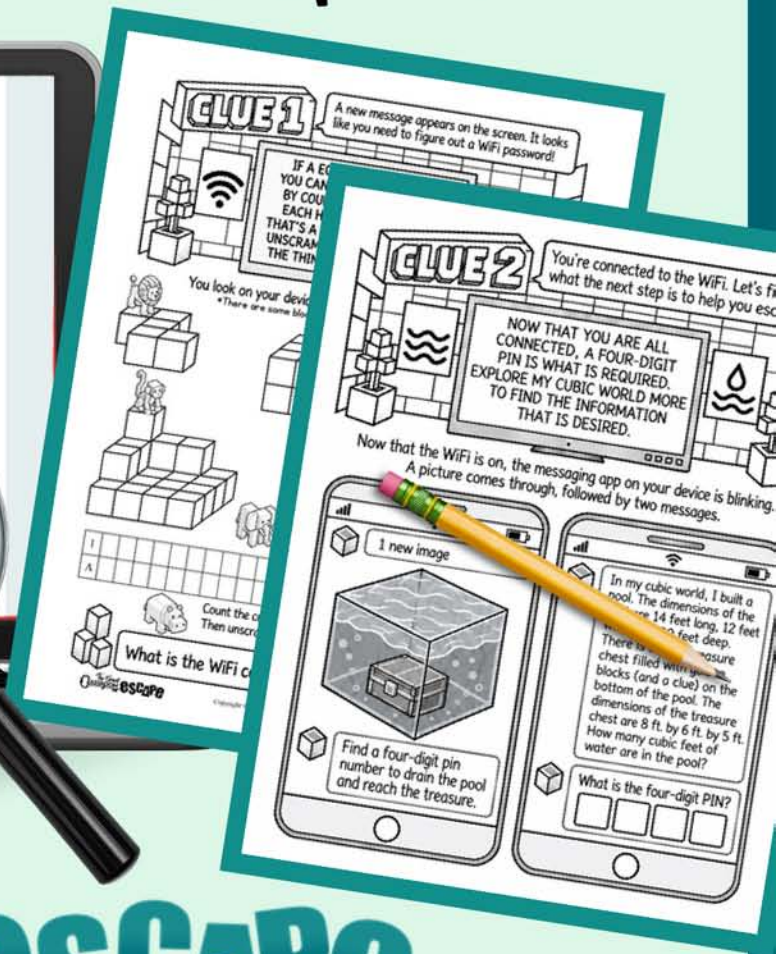
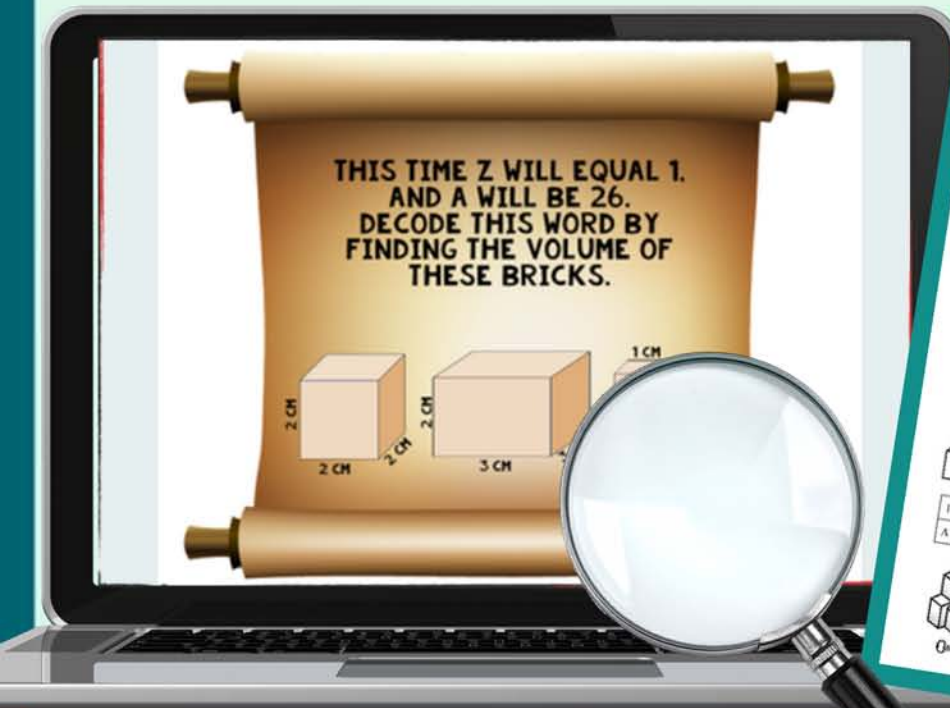


5th
Grade

Volume

Rectangular Prisms & Composite Rectangular Prisms

Print or Digital Escape Room



Standards

5.MD.C.3, 5.MD.C.3a, 5.MD.C.3b,
5.MD.C.4, 5.MD.C.5, 5.MD.C.5a,
5.MD.C.5b, 5.MD.C.5c, 5.NBT.B.5,
5.NBT.B.6, 5.NBT.B.7

5th Grade Math Skills

Measure volume with unit cubes, use
the formula $V=l \times w \times h$ to find the
volume of rectangular prisms & more!

Fast Facts

 Digital: No prep, click & go! Optional printable pages

 Escape time ~40-60 minutes

 Low-prep black and white printable version

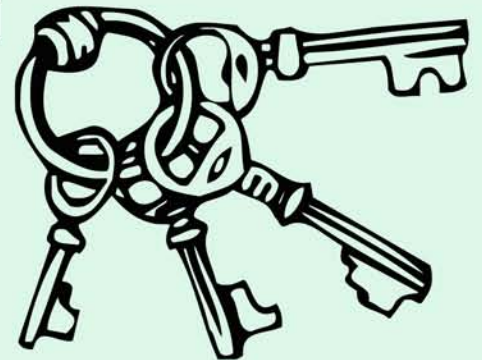
 Best used in pairs or small groups

 Digital requires internet connected device

 Self-Checking digital version

 Virtual or in-person

 Five engaging puzzle



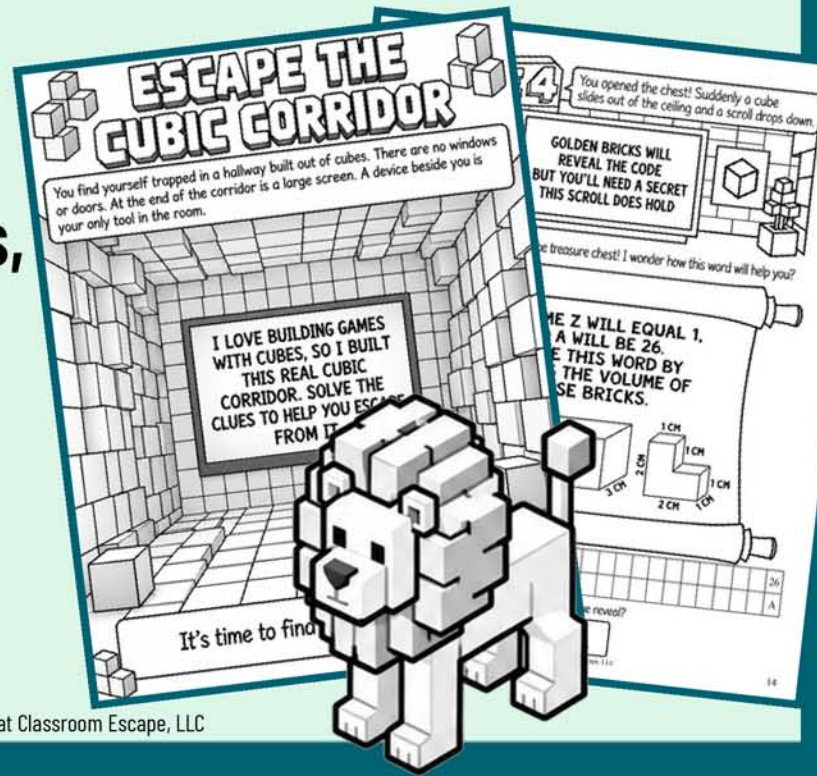
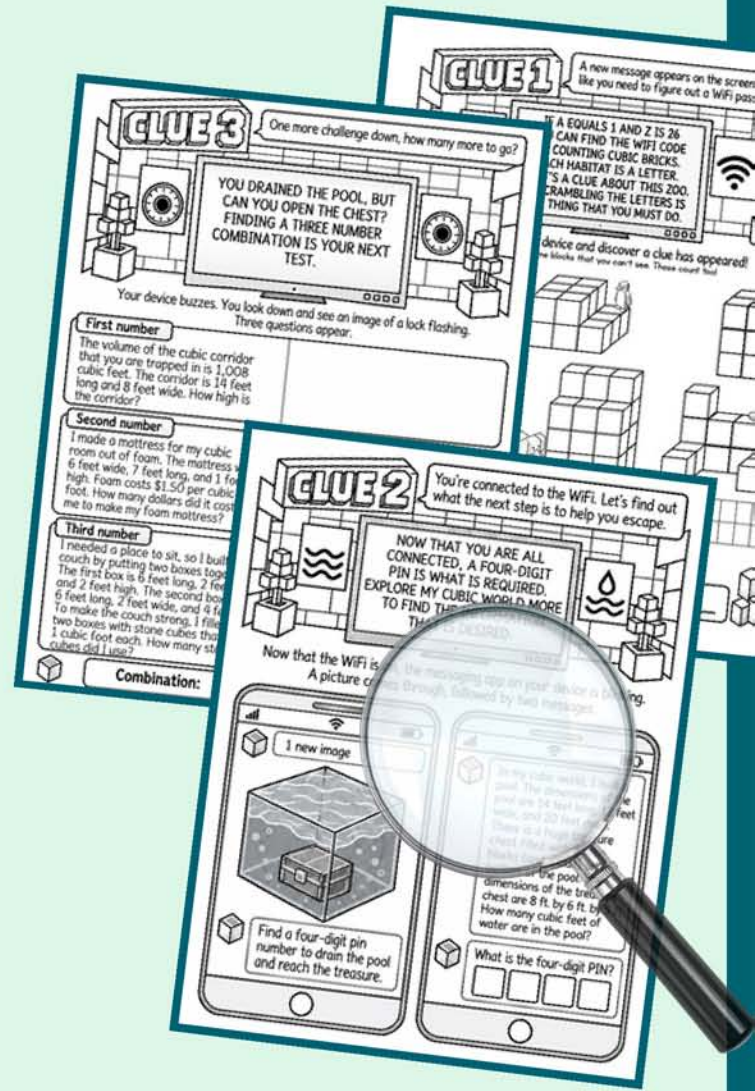
How it Works - Digital:

- 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.

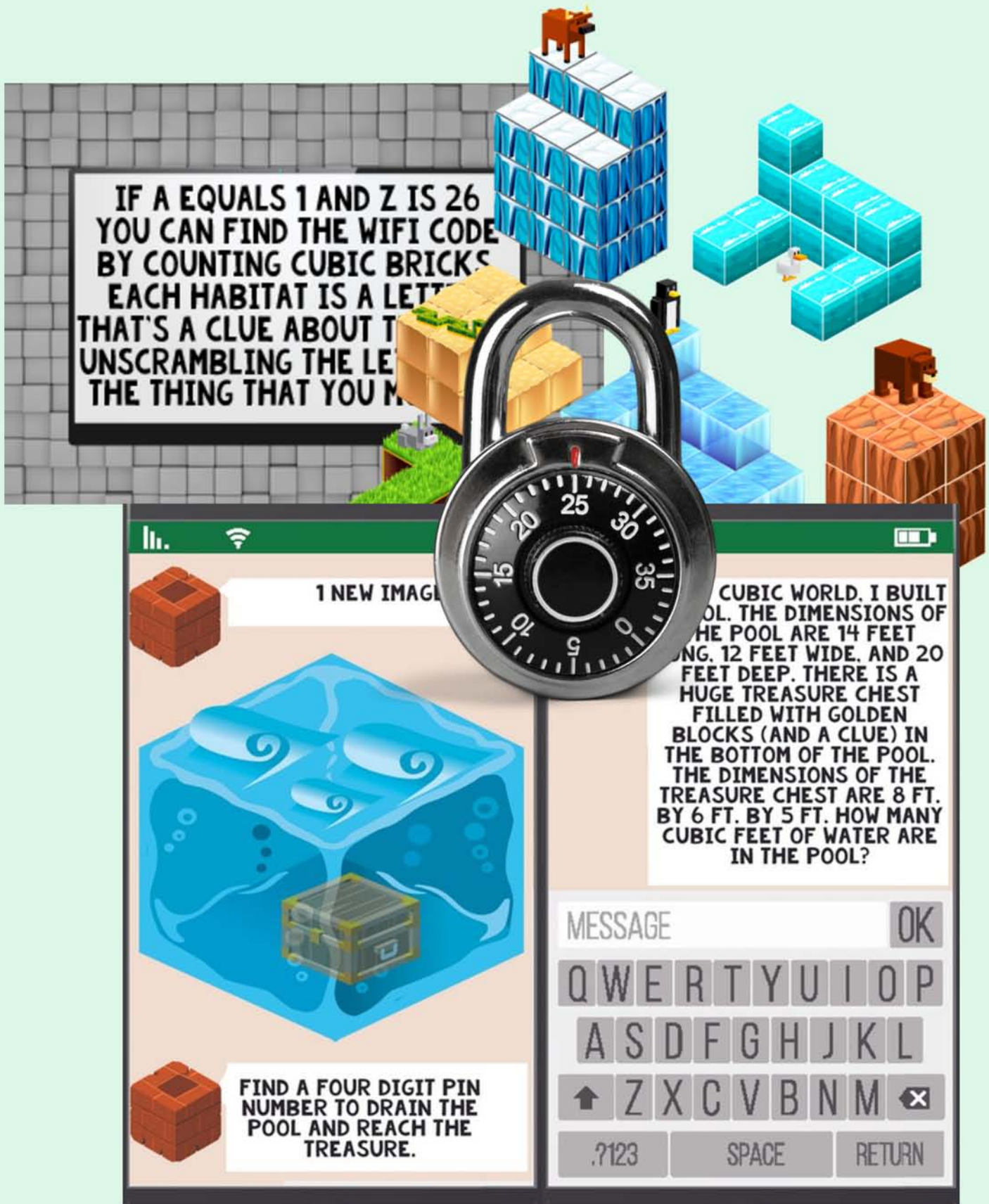


How it Works - Print:

- Low prep!
- Print the five clues, intro, and success page
- 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



Puzzle Preview



Three word problems

So you want to open the treasure chest? Here is the clue to volume of the cubic corridor that you are trapped in is 1,000. The corridor is 14 feet long and 8 feet wide. How high is the corridor? Do not label your units here. *

Your answer

ⓘ This is a required question

Third number: I needed a place to sit, so I built a couch. It isn't very comfortable. I built it by putting two boxes together. The first box is 6 feet long, 2 feet wide, and 2 feet high. The second box is 6 feet long, 2 feet wide and 4 feet tall. To make the couches strong, I filled the two boxes with stone cubes that were 1 cubic foot each. How many stone cubes did I use? *

Your answer

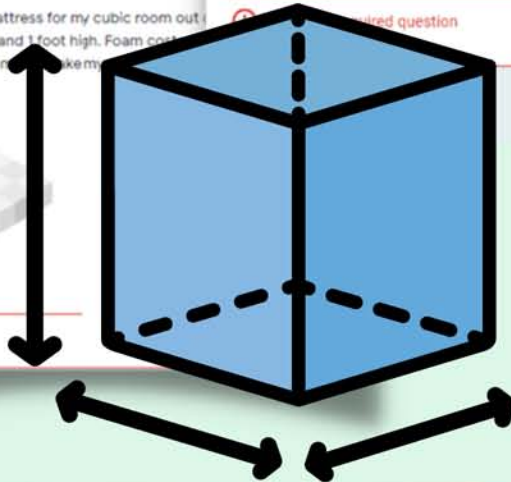
ⓘ This is a required question

Second number: I made a mattress for my cubic room out of foam. The mattress was 6 feet wide, 7 feet long, and 1 foot high. Foam costs \$100 per cubic foot. How many dollars did it cost me to make the mattress? *



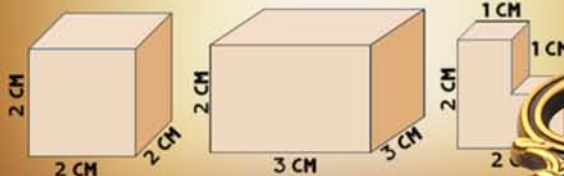
Your answer

ⓘ This is a required question

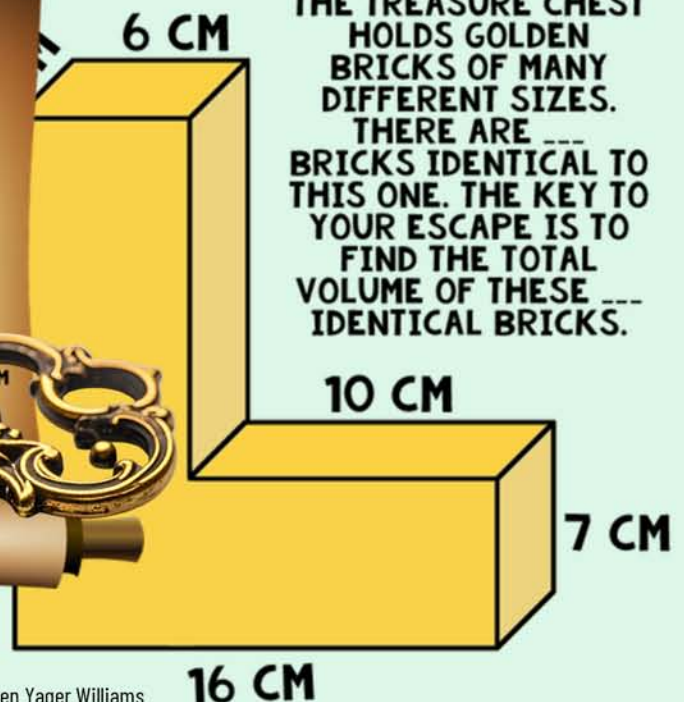


Clear form

THIS TIME Z WILL EQUAL 1.
AND A WILL BE 26.
DECODE THIS WORD BY
FINDING THE VOLUME OF
THESE BRICKS.

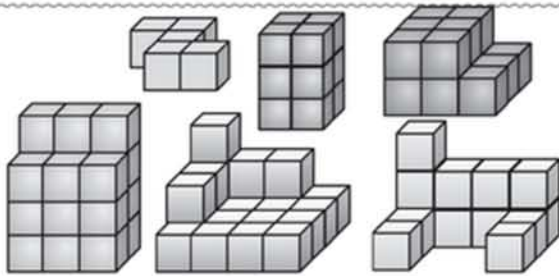


THE TREASURE CHEST
HOLDS GOLDEN
BRICKS OF MANY
DIFFERENT SIZES.
THERE ARE ---
BRICKS IDENTICAL TO
THIS ONE. THE KEY TO
YOUR ESCAPE IS TO
FIND THE TOTAL
VOLUME OF THESE ---
IDENTICAL BRICKS.

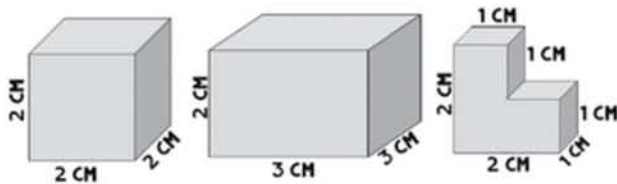


Optional Pages

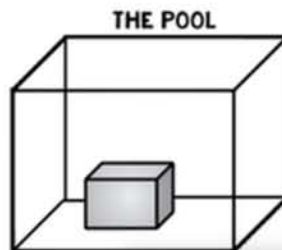
Directions: Use this page to help you solve some of the puzzles.



THE ZOO

[illegible]

THE GOLDEN BRICK



THE POOL

The Great Classroom Escape

Copyright ©2018 Kiersten Yager

Success Signs

WE FOLLOWED THE FORMULA!

The Great Classroom escape