



ESCAPE ROOM

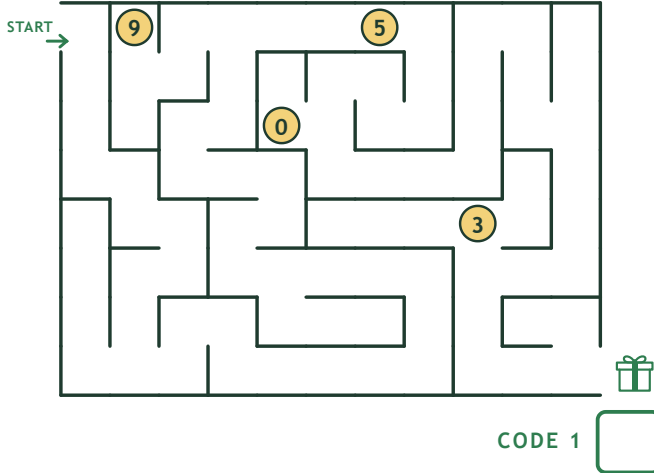
The Locked Workshop



It is Christmas Eve, and the door to the workshop is locked with a four-number code. Solve the four puzzles to get the presents out in time.

1 THE MAZE

Help the elf through the snowy woods: draw the path from Start to the present. It passes exactly one number.



2 PICTURE MATH

Every picture is a number. Work out the stocking.

$$\begin{aligned} \star + \star &= 10 \\ \star + \text{bell} &= 8 \\ \text{bell} - \text{stocking} &= 1 \\ \text{stocking} &= ? \end{aligned}$$

CODE 2

3 SECRET MESSAGE

Each number is a letter: A is 1, B is 2. Decode the word. It is a number.

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

19 9 24

CODE 3

4 THE RIDDLE

Read it twice. The answer is a number.

*Santa ____ every cookie
on the plate.
The missing word sounds
just like a number. Which one?*

CODE 4

5 THE PASSWORD

YOUR CODE: CODES 1, 2, 3 AND 4

Find each number of your code on the strip. Write the letter under it.

0	1	2	3	4	5	6	7	8	9
N	K	L	G	Z	S	E	J	D	M

THE PASSWORD

A real word? You got it right! Say the password to your grown-up to open the workshop.



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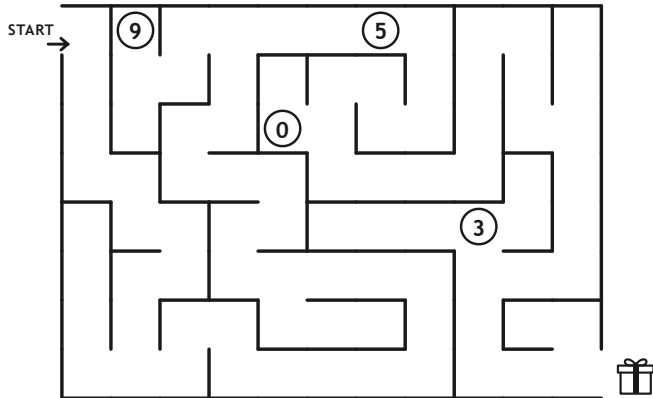


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CODE 1

2 PICTURE MATH

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$$\star + \star = 10$$

$$\star + \text{bell} = 8$$

$$\text{bell} - \text{stocking} = 1$$

$$\text{stocking} = ?$$

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How to run it

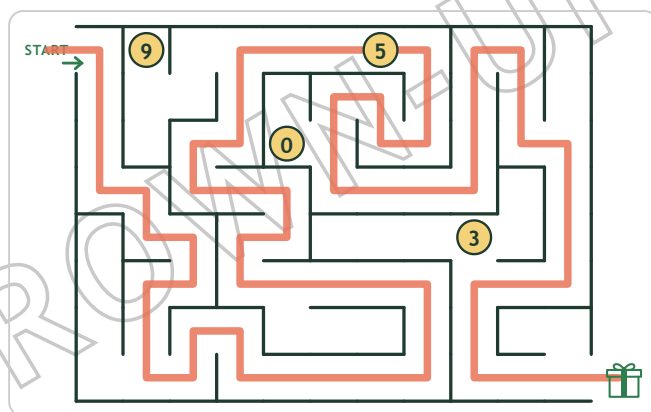
One sheet, a pencil, about twenty minutes. Ages 7 to 10, alone or in teams of two or three. Page 1 is in color, page 2 is the same sheet for any printer.

THE CODE

5	2	6	8
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The answers

1. **The maze:** 5. The solved maze is below; the other numbers sit in dead ends.
2. **Picture math:** 2. bell = 3, stocking = 2, star = 5.
3. **Secret message:** 19 9 24 spells SIX, so 6.
4. **The riddle:** 8. Santa ATE every cookie: ate sounds like eight.
5. **The password:** 5 2 6 8 on the strip spells SLED. Santa needs his sled tonight, and now he can have it.



The path, for checking.

If they get stuck

- **Maze:** “Try going backwards, from the gift to Start.”
- **Picture math:** “Start with the line that only has one kind of picture.”
- **Secret message:** “Find each number on the strip at the top. The letter is above it.”
- **The password:** “If it is not a word, one of the codes is wrong. Which puzzle were you least sure of?”

Make it bigger

Put a small prize in a box with a four-number padlock set to **5268**. Now the code opens something real, and the password is what they say to be allowed to try it.

In the classroom

A good early-finisher sheet, and a good station: print one per pair, and have them bring you the password, not the code. Anyone who says SLED has solved every puzzle, because a single wrong number gives nonsense.

Want a whole adventure? The Christmas Present Hunt: Santa's riddles lead from place to place on Christmas morning, all the way to the biggest present. Ages 5 and up. At **yizzoo.com**.