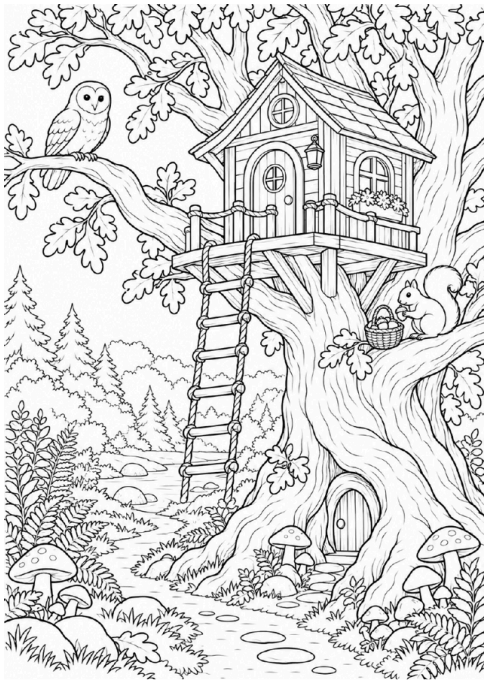
Escape the Treehouse



Your mission

It is autumn. Sam and Noor are collecting chestnuts in the woods and climb into the old treehouse. Click! The door locks behind them. Eddy the squirrel has hidden the key in his winter store and left notes with puzzles. Solve them all, find the code and escape before it gets dark!

1. Work together in a team of 2 to 4 children.
2. Solve the puzzles in order.
3. Write each answer in the boxes.
4. All the answers together open the lock on the last page.

Team name _____ Start time _____

Names _____ Finish time _____

Puzzle 1 of 4

The number lock

Work out the sums. Each answer is one digit of the code.

1 $\frac{2}{5}$ of 15 = ☐

2 25% of 16 = ☐

3 2.5 × 6 − 13 = ☐

The code for the lock (1 – 2 – 3)

☐ ☐ ☐

Working space

Did you know? In autumn squirrels hide lots of nuts and forget some of them. Some of those nuts grow into new trees.

Puzzle 2 of 4

The word search

Find the words. They can go in any direction, even backwards and diagonally.

ACORN · BOOTS · CHESTNUT · HEDGEHOG · MUSHROOM · OWL · SPIDER · SQUIRREL · UMBRELLA · WIND

J	Y	I	H	U	I	O	W	C	F	V	L	E
N	G	A	D	A	D	G	G	V	W	I	N	D
V	J	D	D	O	F	T	T	P	E	C	V	I
R	K	Z	F	C	G	U	N	T	I	S	A	M
T	J	R	M	A	N	R	P	I	G	H	V	J
H	E	E	U	T	L	D	V	U	C	T	S	R
E	V	O	S	B	K	L	E	C	G	H	P	G
V	L	E	H	E	D	G	E	H	O	G	I	J
E	H	N	R	O	C	A	R	R	T	G	D	V
C	Y	K	O	D	S	T	O	O	B	E	E	C
R	K	Z	O	L	T	R	V	J	P	M	R	P
D	Y	O	M	Y	D	H	G	E	D	L	U	D
Y	R	O	W	L	E	R	R	I	U	Q	S	W

Now look at the grey squares. Is the letter part of a word you found? Cross it out. Read the grey letters that are left from left to right and top to bottom.

The key is hidden …

☐☐☐☐☐ ☐☐☐ ☐☐☐ ☐☐☐

Puzzle 3 of 4

The secret code

Each letter has moved 3 places along the alphabet. Find the letter in the bottom row and write the letter above it.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	A	B	C

J	R	O	G	H	Q	O	H	D	I

The password is

Working space

Did you know? Leaves turn yellow and orange in autumn because the green chlorophyll in the leaf breaks down.

Puzzle 4 of 4

The last riddle

I am thinking of a number. I multiply it by 4 and add 1. Then I get 29. What is my number?

The missing digit is (4)

Working space

Did you know? In northern Europe a hedgehog hibernates from about November to March.

Open the lock!

Fill in the code: the three digits from the number lock and the digit from the last riddle.



The code for the lock

☐☐☐☐

Where is the key?

☐☐☐☐☐ ☐☐☐ ☐☐☐ ☐☐☐

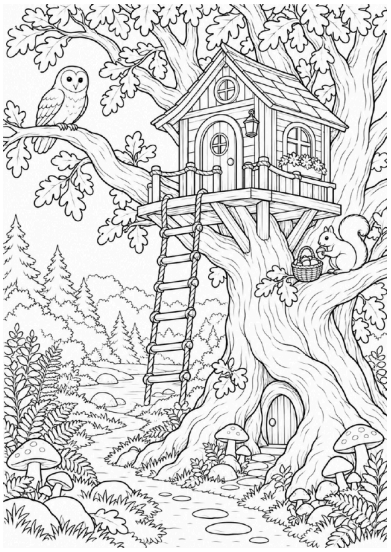
What is the password?

☐☐☐☐☐☐☐☐☐☐

Show your answers to your teacher. Is everything right? Then you have escaped!

Did you know? A mushroom is only a small part of the fungus. Most of it grows under the ground as thin threads.

You escaped!



This team solved every puzzle and escaped from

Escape the Treehouse

Found it! Sam and Noor say the password, turn the code and click: the treehouse door swings open. Eddy gets an acorn to say thank you.

Team name _____

Our time _____

Teacher's signature _____

Answer key for teachers

Escape the Treehouse · Autumn · Grades 5-6 · ages 10-12

1. The number lock

$\frac{2}{5}$ of 15	**6**
25% of 16	**4**
2.5 × 6 − 13	**2**

2. The word search

Grey squares that are left: **UNDER THE OLD LOG**

J	Y	I	H	U	I	O	W	C	F	V	L	E
N	G	A	D	A	D	G	G	V	W	I	N	D
V	J	D	D	O	F	T	T	P	E	C	V	I
R	K	Z	F	C	G	U	N	T	I	S	A	M
T	J	R	M	A	N	R	P	I	G	H	V	J
H	E	E	U	T	L	D	V	U	C	T	S	R
E	V	O	S	B	K	L	E	C	G	H	P	G
V	L	E	H	E	D	G	E	H	O	G	I	J
E	H	N	R	O	C	A	R	R	T	G	D	V
C	Y	K	O	D	S	T	O	O	B	E	E	C
R	K	Z	O	L	T	R	V	J	P	M	R	P
D	Y	O	M	Y	D	H	G	E	D	L	U	D
Y	R	O	W	L	E	R	R	I	U	Q	S	W

Words: ACORN, BOOTS, CHESTNUT, HEDGEHOG, MUSHROOM, OWL, SPIDER, SQUIRREL, UMBRELLA, WIND

3. The secret code

GOLDENLEAF

4. The last riddle

4 × **7** + 1 = 29

Lock code

6 4 2 7

Where is the key?

UNDER THE OLD LOG

What is the password?

GOLDENLEAF

- Time: 30 to 45 minutes. Work in teams of 2 to 4 children.
- Print single-sided. Want more suspense? Put each puzzle in its own envelope and hand out the next one only when the answer is right.
- If a team gets stuck, give a hint: read the puzzle aloud together once more.
- The certificate is on the last page.