Inkleaf LEARNING

Name _____

Bonfire Night Brain Teasers

Years 5 and 6

1 Word Search

Twelve Bonfire Night words are hidden. They can go across, down, diagonally, and even backwards.

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

- GUNPOWDER ☐
- TREASON ☐
- SPARKLER ☐
- CELLAR ☐
- LANTERN ☐
- ROCKET ☐
- PARLIAMENT ☐
- FIREWORKS ☐
- BONFIRE ☐
- BARRELS ☐
- NOVEMBER ☐
- PLOTTERS ☐



2 Crack The Code

A secret message from 1605 has been found. Every letter has been moved along the alphabet by the same number of places. Clue: **GUY** in code is **LZD**. Work out the shift, fill in the helper strip, then decode the message.

The shift is ☐ places.

Real	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
Code	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Y M J L Z S U T B I J W B F X M N I I J S

☐☐☐ ☐☐☐☐☐☐☐☐☐ ☐☐☐ ☐☐☐☐☐☐

Z S I J W Y M J M T Z X J T K Q T W I X

☐☐☐☐☐ ☐☐☐ ☐☐☐☐☐ ☐☐ ☐☐☐☐☐

Where was the gunpowder hidden? ☐

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3 Logic Puzzle

Four friends are at a bonfire party. Each has a different favourite firework and a different snack. Use the clues and the grid (a tick for yes, a cross for no) to work out who likes what.

1 Leo's favourite firework spins round and round.

2 Finn does not like fountains or sparklers.

3 The person who loves rockets is having a hot dog.

4 Ella is eating parkin (a sticky ginger cake).

5 The person drinking hot chocolate likes fountains best.



	rocket	sparkler	Catherine wheel	fountain	toffee apple	hot dog	parkin	hot chocolate
Ella								
Finn								
Maya								
Leo								

4 Bonfire Night History

The Gunpowder Plot

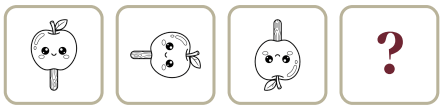
In 1605, a group of plotters planned to blow up the Houses of Parliament and King James I, using barrels of gunpowder hidden in a cellar under the House of Lords. On the night of 4th to 5th November, Guy Fawkes was caught there, guarding the gunpowder; he was arrested and later put on trial. People lit bonfires to celebrate that the King had survived, and we still have bonfires and fireworks on 5th November.

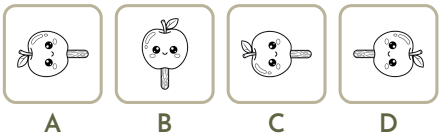
Read the fact box, then tick the right answer to each question.

1 In which year was the Gunpowder Plot?	☐ 1066	☐ 1605	☐ 1905
2 Which king did the plotters want to kill?	☐ King Henry VIII	☐ King Charles II	☐ King James I
3 Where was Guy Fawkes caught?	☐ In a cellar	☐ In a tower	☐ On a ship
4 Why did people light bonfires?	☐ To keep warm	☐ The King was safe	☐ To cook dinner
5 What happened to Guy Fawkes next?	☐ He was put on trial	☐ He became king	☐ He sailed to France

5 Think It Through

a The toffee apple turns the same way each time. Which comes next?

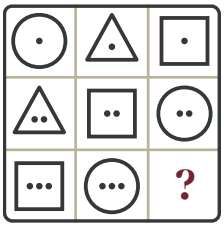


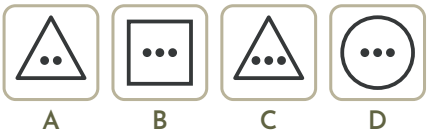


A B C D

☐

b Each row and each column follows a rule. Which picture is missing?





A B C D

☐

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Answers

For the grown-up

1 Word Search

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

2 Crack The Code

The shift is **5** (G to L, U to Z, Y to D).

The message says: **THE GUNPOWDER WAS HIDDEN UNDER THE HOUSE OF LORDS.**

Helper strip, code row:
FGHIJKLMNOPQRSTUVWXYZABCDE

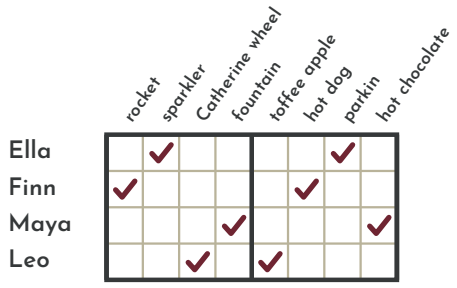
3 Logic Puzzle

Ella: sparkler, parkin

Maya: fountain, hot chocolate

Finn: rocket, hot dog

Leo: Catherine wheel, toffee apple



Start with clues 1 and 2: Leo has the Catherine wheel, so Finn must be the rocket fan, with the hot dog. Clue 5 then gives Maya the fountain and hot chocolate.

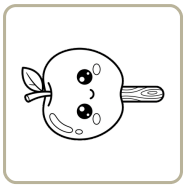
4 Bonfire Night History

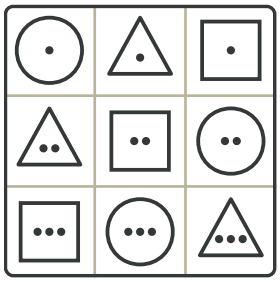
1. **B)** 1605
2. **C)** King James I
3. **A)** In a cellar
4. **B)** The King was safe
5. **A)** He was put on trial

How to help

For the code, the clue word is the key: G moves to L, so every letter moves on 5. Filling in the helper strip first makes decoding quick. For the logic puzzle, put a tick in the grid for each certain fact, then cross out the rest of that row and column. For the picture puzzles, tracing paper lets them turn or flip a picture to check an answer for themselves. Every history answer is in the fact box, so if they are unsure, read it again together.

5 Think It Through





a) C. The toffee apple turns a quarter turn clockwise each time. B and D are turns we have already seen; A is the right turn but flipped over (the leaf is on the wrong side).

b) C, a triangle with 3 dots. Each row and column has one circle, one triangle and one square, and the number of dots goes 1, 2, 3 down the rows.