Inkleaf LEARNING

Name _____

Halloween Brain Teasers

Years 5 and 6

1 Word Search

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

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

- SKELETON ☐
- LANTERN ☐
- BROOMSTICK ☐
- MUMMY ☐
- SPIDER ☐
- WEREWOLF ☐
- CAULDRON ☐
- PUMPKIN ☐
- VAMPIRE ☐
- GOBLIN ☐
- POTION ☐
- HAUNTED ☐



2 Crack The Code

A secret note has been found under a pumpkin. Every letter has been moved along the alphabet by the same number of places. Clue: **BAT** in code is **FEX**. Work out the shift, fill in the helper strip, then decode the note.

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	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Q I I X ☐☐☐☐ Q I ☐☐ F C ☐☐ X L I ☐☐☐ S P H ☐☐☐ S E O ☐☐☐

X V I I ☐☐☐☐ E X ☐☐ Q M H R M K L X ☐☐☐☐☐☐☐☐

Where is the meeting? _____ When? _____

More worksheets and activity packs at inkleaflearning.co.uk

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Halloween Brain Teasers

Years 5 and 6

3 Picture Sudoku

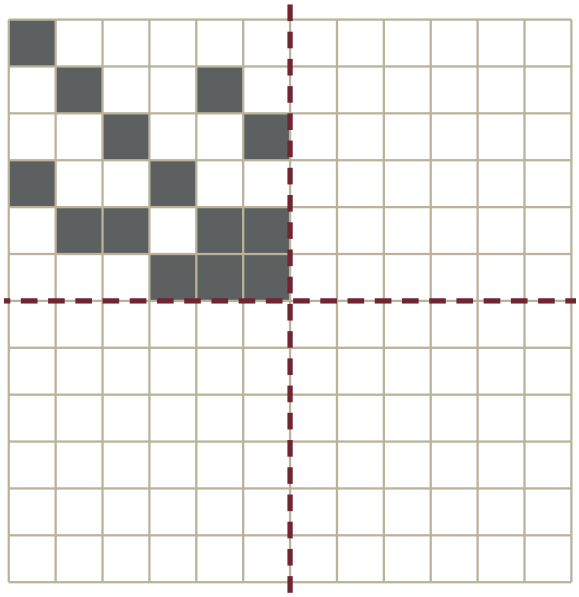
Every row, column and thick-lined box has all six pictures. Draw them, or write the letter.



P G B C H M

4 Double Mirror

Shade squares to finish the pattern. It must reflect in BOTH dashed mirror lines.

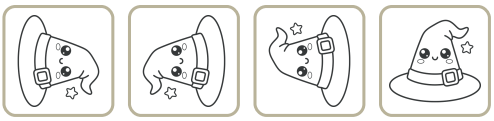


5 Think It Through

Look closely at each set of pictures. Write the letter of your answer in the box.

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





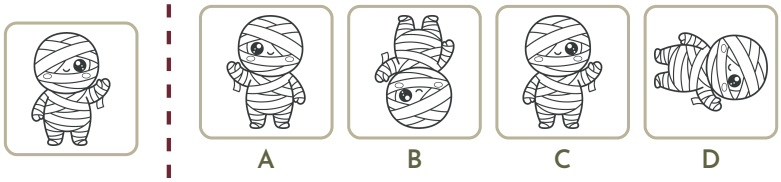
A B C D

b Four of these cats are the same cat, just turned round. Which one is the odd one out?



A B C D E

c Which picture shows the mummy reflected in the mirror line?



A B C D

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Answers

For the grown-up

1 Word Search

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

2 Crack The Code

The shift is 4 (B to F, A to E, T to X).

The note says: **MEET ME BY THE OLD OAK TREE AT MIDNIGHT**, so the meeting is by the old oak tree, at midnight.

Helper strip, code row:
EFGHIJKLMNOPQRSTUVWXYZABCD

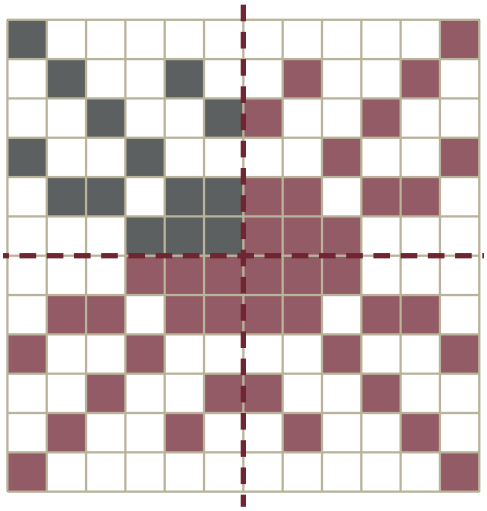
3 Picture Sudoku

Shaded squares were the gaps.



4 Double Mirror

The new squares are in red.



5 Think It Through

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

b) B. It is a mirror image: the tail and the bow are on the other side. Every other cat is the same cat turned round, and no amount of turning can flip it.

c) A. In a mirror the waving arm and the peeping eye swap sides, but the mummy stays the right way up. B is upside down (a half turn), D is a quarter turn, C is not reflected at all.

How to help

For the code, the clue word is the key: B moves to F, so every letter moves on 4. Filling in the helper strip first makes decoding quick. For the double mirror, finish the top right corner first, then reflect the whole top half downwards. For the picture puzzles, a small mirror or tracing paper lets them check an answer for themselves.