

Year 4 Christmas Code Breaker

There are many different Christmas traditions, from festive foods to dazzling decorations in Christmas colours...

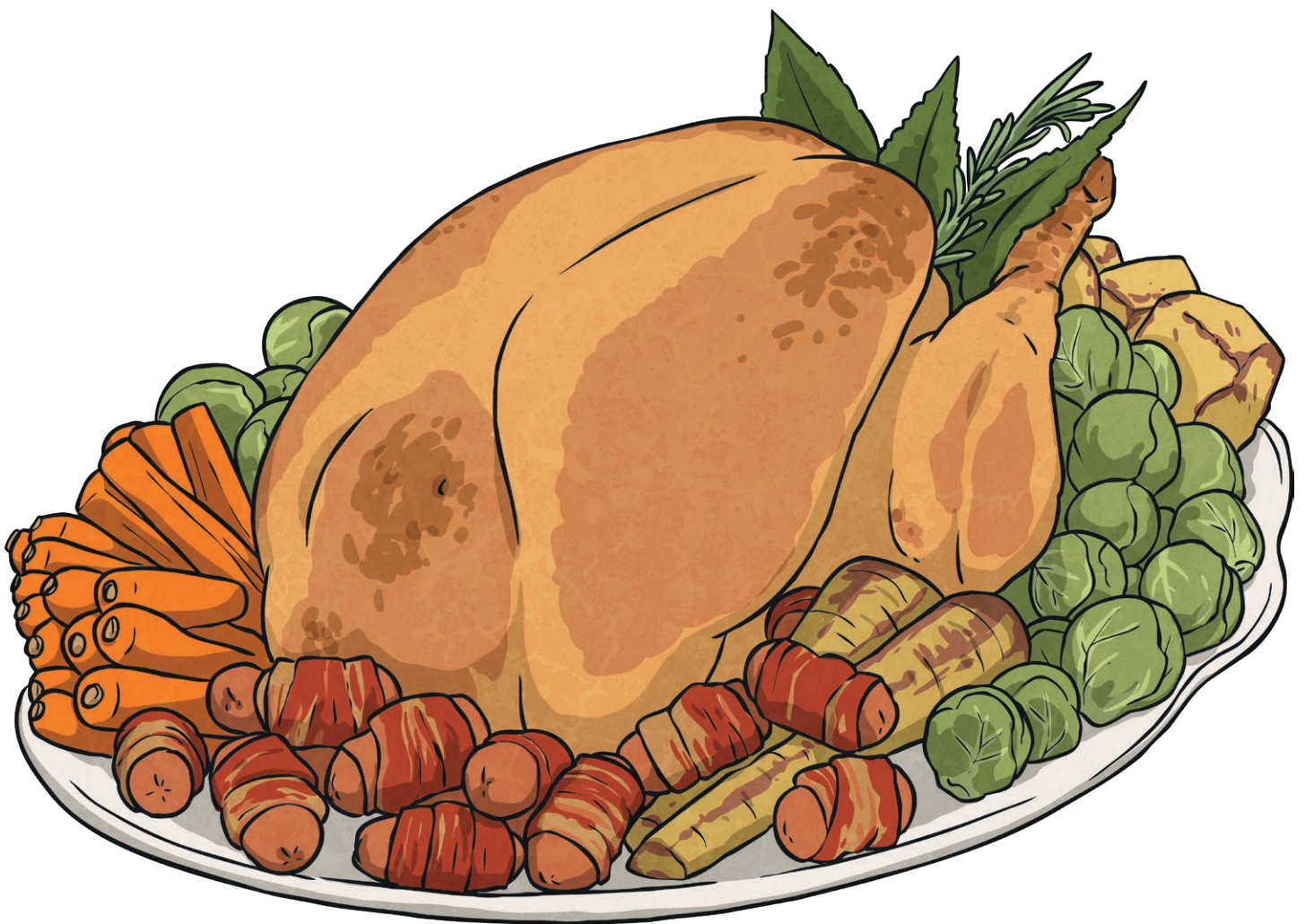
Lots of Christmas items seem to come in three colours – red, green and gold. Have you ever wondered why?

The green is said to symbolise new life; the red symbolises Jesus' blood; and the gold represents the gifts given by the Three Wise Men.

People decorate their houses in all kinds of ways. They might bring greenery such as mistletoe inside, or even an evergreen tree to decorate! Some people use candles or decorative ornaments.

When it comes to food, Christmas meals in Britain are usually focused around a turkey with lots of roasted vegetables. Some people make treats such as Christmas pudding, Christmas cake or mince pies using dried fruits and spices like cinnamon and cloves.

Solve the calculations to reveal the names of some Christmas decorations and food... Then enjoy some Christmas jokes to get you in the mood to celebrate!



Year 4 Christmas Code Breaker

a	b	c	d	e	f	g	h	i	j	k	l	m
2	5	7	9	11	12	21	27	36	49	63	72	81

n	o	p	q	r	s	t	u	v	w	x	y	z
84	90	99	108	110	121	132	144	154	167	176	182	193

	Answer	Letter
12×11		
6×6		
12×7		
11×11		
$132 \div 12$		
8×9		

$130 - 103$		
$16 + 74$		
$182 - 110$		
$99 - 27$		
$222 - 40$		

10×9		
$176 - 66$		
12×7		
$18 \div 9$		
9×9		
$121 \div 11$		
12×7		
12×11		

	Answer	Letter
4×9		
$200 - 46$		
$112 + 70$		

$49 \div 7$		
$99 + 11$		
$16 \div 8$		
7×12		
$60 \div 12$		
$77 \div 7$		
10×11		
$167 - 57$		
$109 + 73$		

3×7		
9×10		
$188 - 98$		
$160 - 39$		
$110 \div 10$		

Year 4 Christmas Code Breaker

a	b	c	d	e	f	g	h	i	j	k	l	m
2	5	7	9	11	12	21	27	36	49	63	72	81

n	o	p	q	r	s	t	u	v	w	x	y	z
84	90	99	108	110	121	132	144	154	167	176	182	193

What is green, covered in berries and goes croak?

	9×9	3×12	11×11	12×11	8×9	$77 \div 7$
Answer						
Letter						

$150 - 18$	10×9	$22 \div 11$	$81 \div 9$

What do you get if you eat Christmas decorations?

	12×11	$116 - 80$	12×7	$231 - 110$	$77 \div 7$	$180 - 108$	6×6	$182 - 50$	4×9	11×11
Answer										
Letter										

What do elves learn at school?

	11×12	3×9	$121 \div 11$
Answer			
Letter			

$99 \div 9$	8×9	$84 \div 7$	$14 \div 7$	$35 \div 7$	$90 - 79$	12×11

Year 4 Christmas Code Breaker

What do you get when you cross a snowman with a vampire?

	$84 \div 7$	10×11	$12 + 78$	11×11	$42 + 90$	$60 \div 12$	$126 - 90$	$52 + 80$	$121 \div 11$
Answer									
Letter									



Year 4 Christmas Code Breaker Answers

	Answer	Letter
12×11	132	t
6×6	36	i
12×7	84	n
11×11	121	s
$132 \div 12$	11	e
8×9	72	l

$130 - 103$	27	h
$16 + 74$	90	o
$182 - 110$	72	l
$99 - 27$	72	l
$222 - 40$	182	y

10×9	90	o
$176 - 66$	110	r
12×7	84	n
$18 \div 9$	2	a
9×9	81	m
$121 \div 11$	11	e
12×7	84	n
12×11	132	t

	Answer	Letter
4×9	36	i
$200 - 46$	154	v
$112 + 70$	182	y

$49 \div 7$	7	c
$99 + 11$	110	r
$16 \div 8$	2	a
7×12	84	n
$60 \div 12$	5	b
$77 \div 7$	11	e
10×11	110	r
$167 - 57$	110	r
$109 + 73$	182	y

3×7	21	g
9×10	90	o
$188 - 98$	90	o
$160 - 39$	121	s
$110 \div 10$	11	e

Year 4 Christmas Code Breaker **Answers**

What is green, covered in berries and goes croak?

	9×9	3×12	11×11	12×11	8×9	$77 \div 7$
Answer	81	36	121	132	72	11
Letter	m	i	s	t	l	e

$150 - 18$	10×9	$22 \div 11$	$81 \div 9$
132	90	2	9
t	o	a	d

What do you get if you eat Christmas decorations?

	12×11	$116 - 80$	12×7	$231 - 110$	$77 \div 7$	$180 - 108$	6×6	$182 - 50$	4×9	11×11
Answer	132	36	84	121	11	72	36	132	36	121
Letter	t	i	n	s	e	l	i	t	i	s

What do elves learn at school?

	11×12	3×9	$121 \div 11$
Answer	132	27	11
Letter	t	h	e

$99 \div 9$	8×9	$84 \div 7$	$14 \div 7$	$35 \div 7$	$90 - 79$	12×11
11	72	12	2	5	11	132
e	l	f	a	b	e	t

What do you get when you cross a snowman with a vampire?

	$84 \div 7$	10×11	$12 + 78$	11×11	$42 + 90$	$60 \div 12$	$126 - 90$	$52 + 80$	$121 \div 11$
Answer	12	110	90	121	132	5	36	132	11
Letter	f	r	o	s	t	b	i	t	e