

Year 6

Mathematics

Arithmetic: Paper 1

Name	
Date	





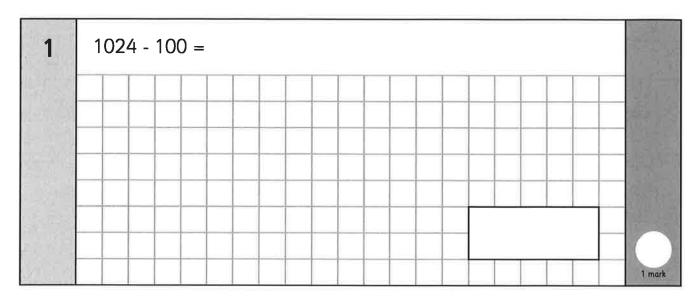


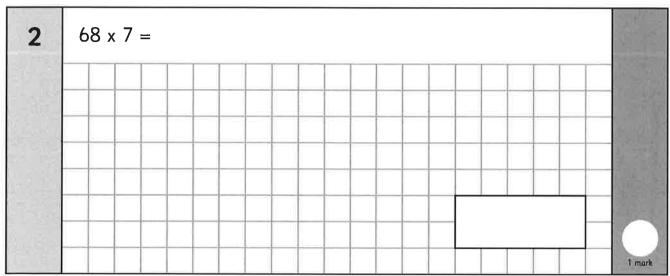


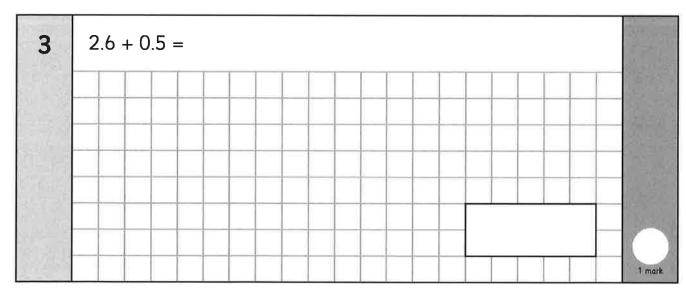


Key Stage 2: Arithmetic Paper 1

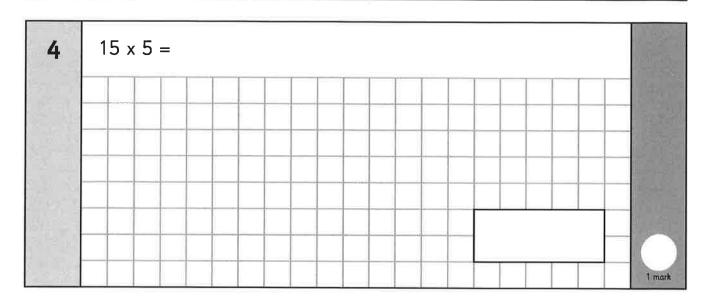


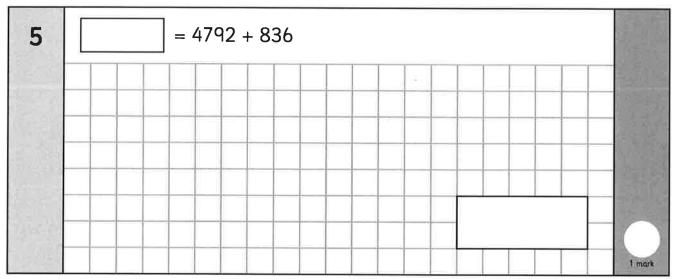


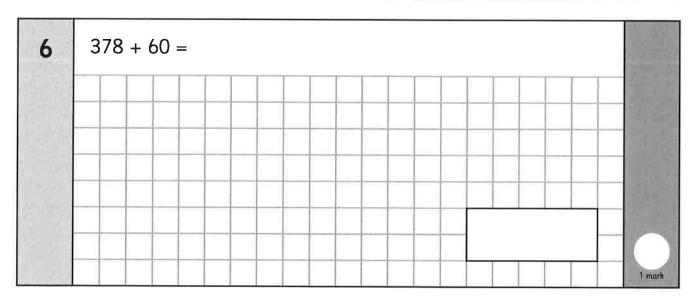




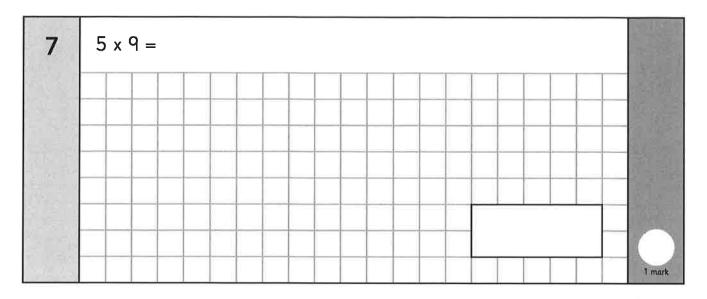


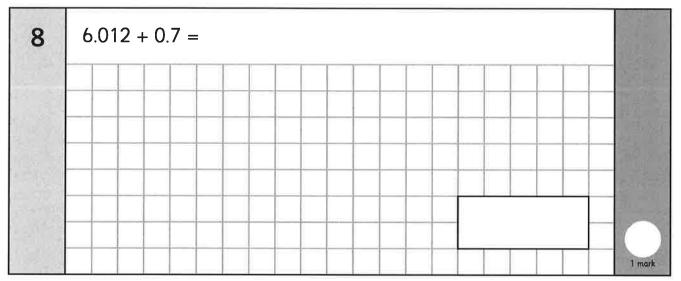


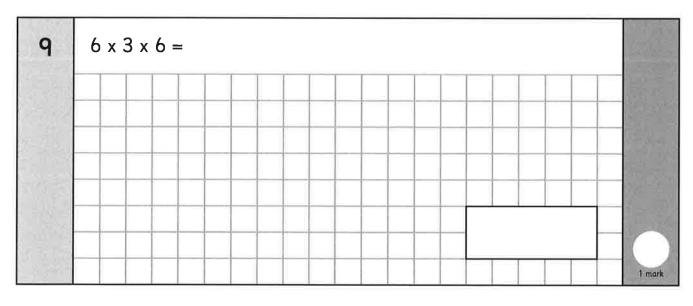




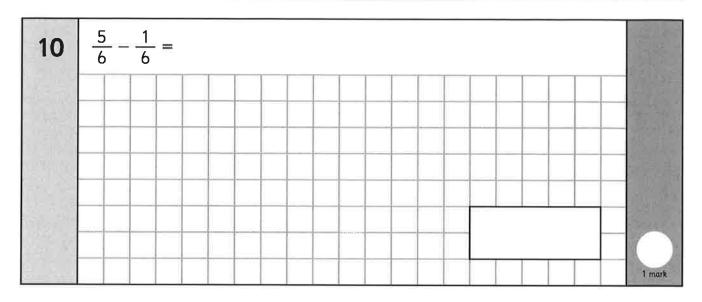


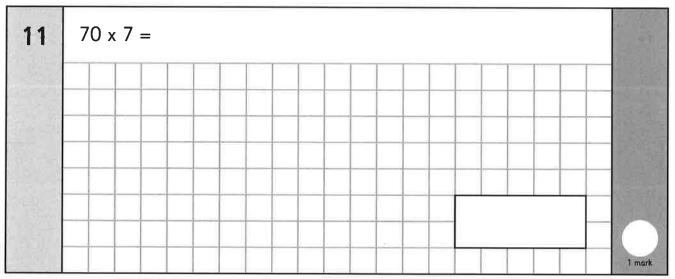


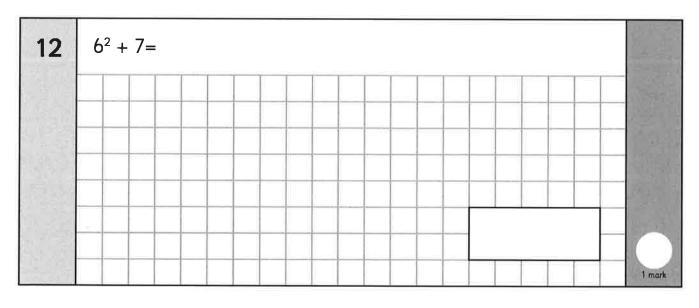




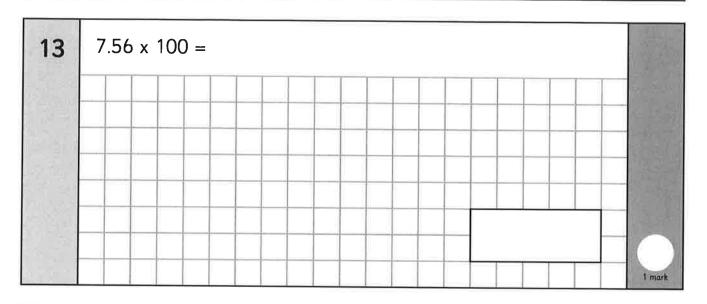


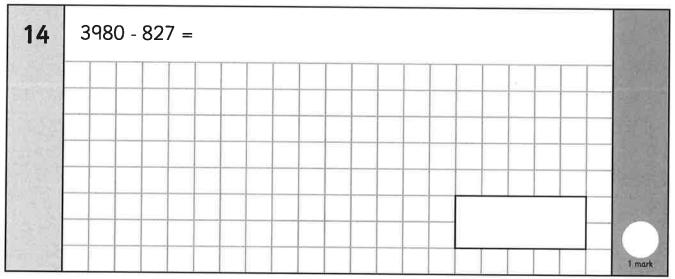


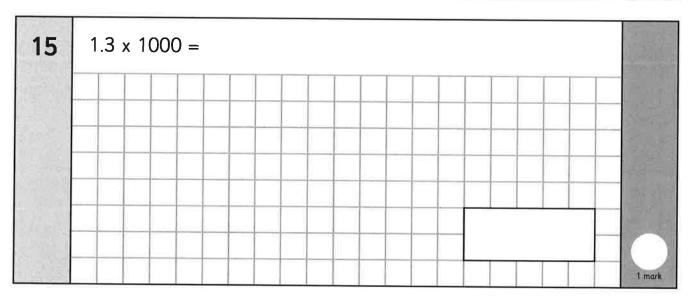




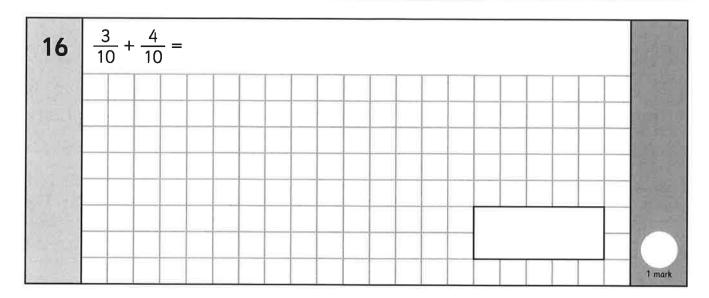


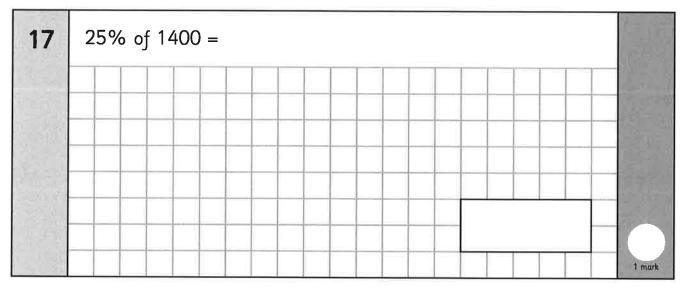


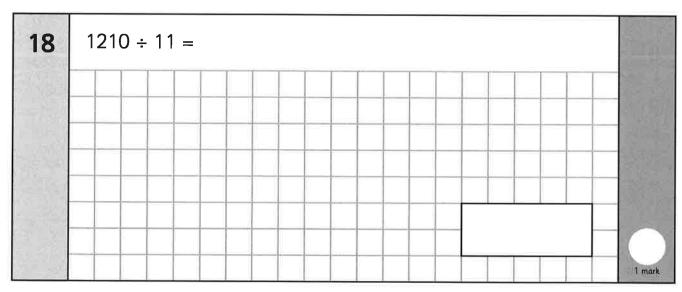




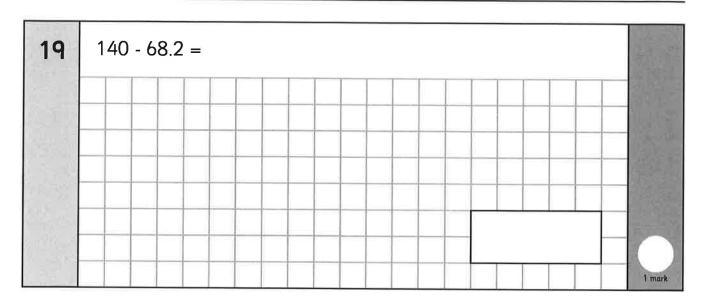


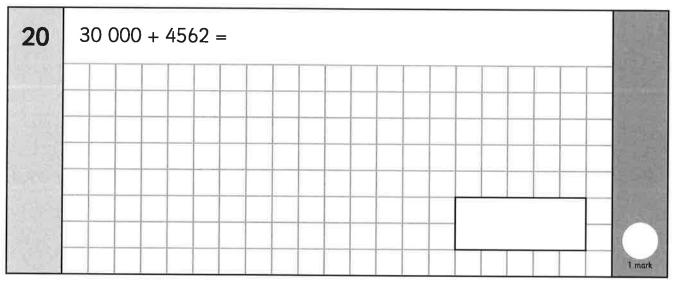


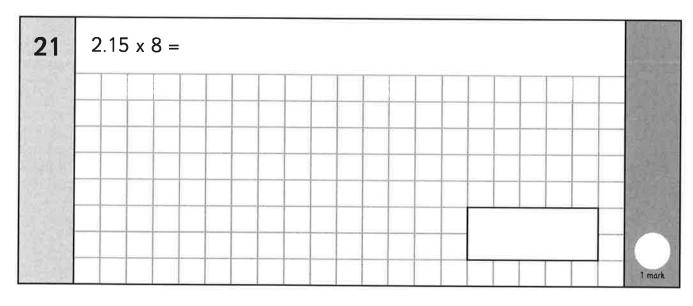




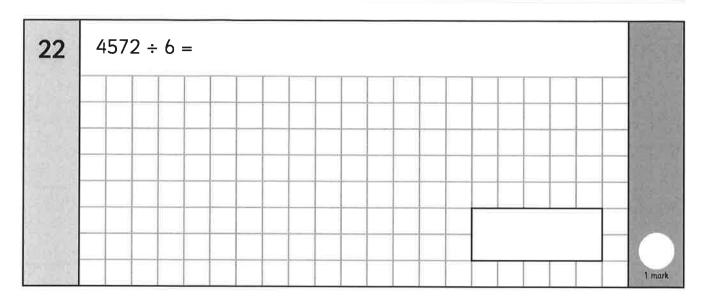


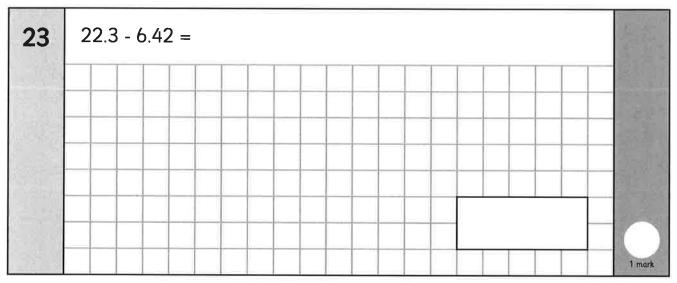


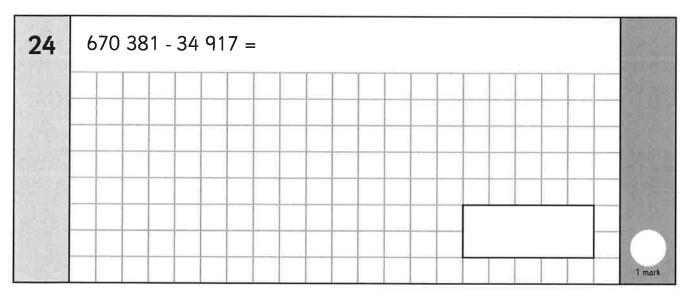






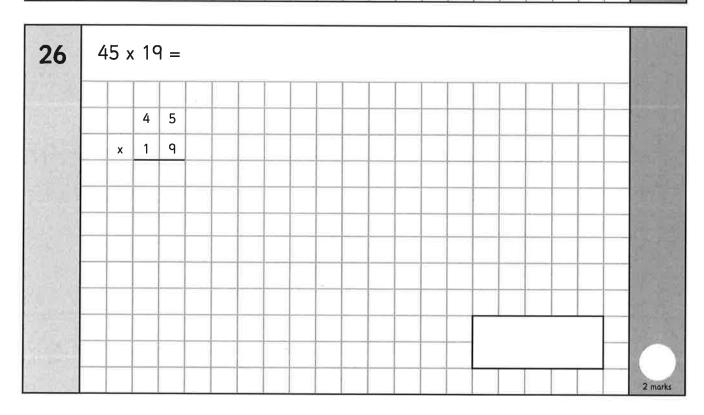




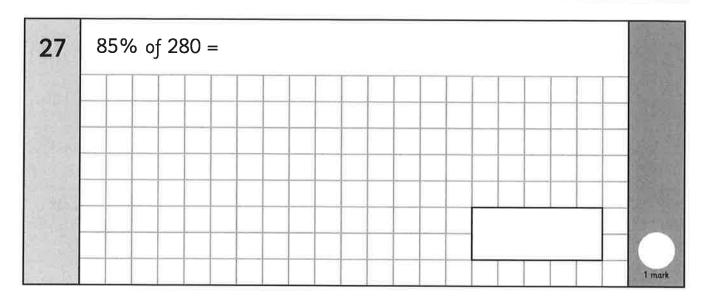


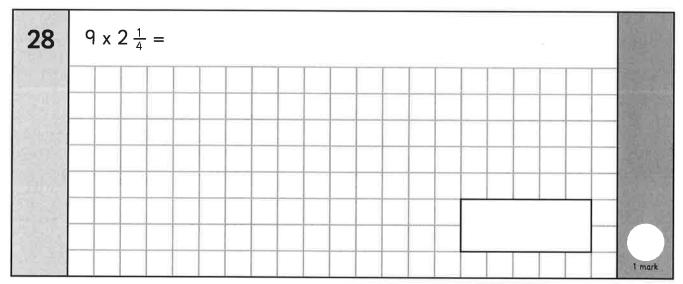


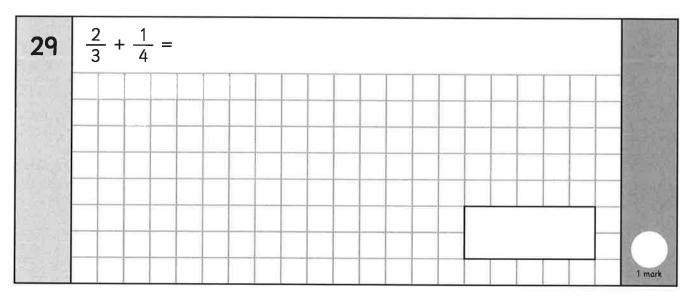
25	1/3	x -	1 5	=									
			-										
													1 mark





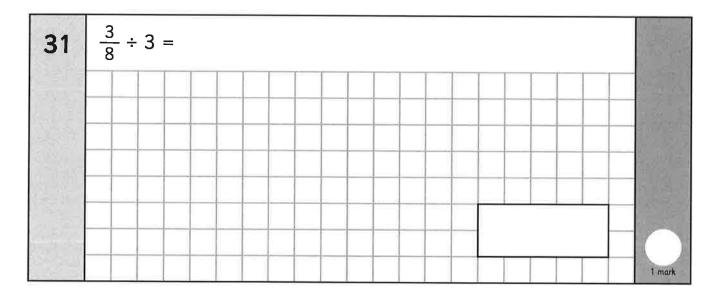






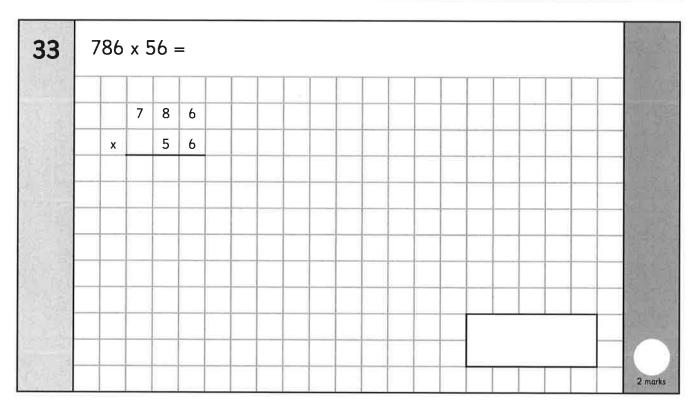


1 4 3 5 9 8	80	35	98 -	÷ 14	4 =			_					
		1	4	3	5	9	8						



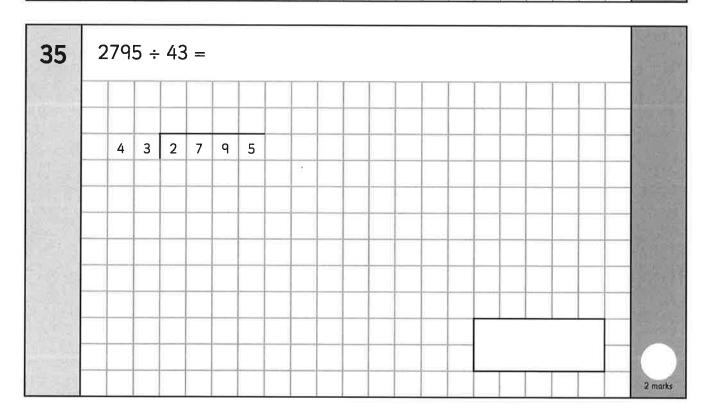


32	2 x (17 - 6) =	
188		10 P
		1000
7.45		1 m





34	$2\frac{1}{3} - \frac{2}{5} =$	





36	$\frac{2}{3} \div 3 =$	
		1 mai



Answer Sheet: Key Stage 2: Arithmetic Paper 1



Guidance: Children will have 30 minutes for this test. Long division and long multiplication questions are worth **2 marks** each. Children will be awarded 2 marks for a correct answer. They may get 1 mark for showing a formal method. All other questions are worth 1 mark each.

question	answer	marks
1	924	1
2	476	1
3	3.1	1
4	75	10
5	5628	1
6	438	1
7	45	1
8	6.712	1
9	108	1
10	2/3 or 4/6	1
11	490	1
12	43	1
13	756	1
14	3153	1
15	1300	1
16	7 10	1
17	350	1
18	110	1
19	71.8	1
20	34 562	1
21	17.2	1

question	answer	marks
22	762	1/
23	15.88	1,
24	635 464	1
25	1 15	1
26	855	2
27	238	1
28	20 1/4	1
29	<u>11</u>	1
30	257	2
31	1 8	1
32	22	1
33	44 016	2
34	1 14/15	1
35	65	2
36	2 9	1
		Total 40



Find Pairs of Values (1)

Notes and Guidance

Children use their understanding of substitution to consider what possible values a pair of variables can take.

At this stage we should focus on integer values, but other solutions could be a point for discussion.

Children can find values by trial and improvement, but should be encouraged to work systematically.



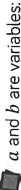
Can a and b be the same value?

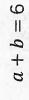
Is it possible for a or b to be zero?

How many possible integer answers are there? Convince me you have them all.

What do you notice about the values of c and d?

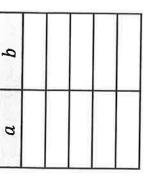
Varied Fluency





There are lots of possible solutions to This equation.

Find 5 different possible integer values for a and b.



- \blacksquare X and Y are whole numbers.
- X is a one digit odd number.
- Y is a two digit even number.
 - X + Y = 25

Find all the possible pairs of numbers that satisfy the equation.

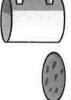


$$c \times d = 48$$

What are the possible integer values of c and d? How many different pairs of values can you find?

White Rase Maths

Find pairs of values (1)



a) What could the cost of each item be?

The total cost is 90p.



b) Compare answers with a partner.

Û

Find six possible pairs of values for the circle and square.

a) Here is an equation.



A coffee could cost 90p.

Is this possible? _

Explain your answer.

m

Find six possible pairs of values for x and y_{\star}

क्ष

5

x + y = 12

b) Here is another equation.

a and b are whole numbers.

$$a+b=8$$

Complete the table to show different possible values for a and b.

2		
1		œ
0		80
a	9	a+b

c) What is the same and what is different about part a) and

part b)?

What patterns do you notice?



 $egin{array}{c} c \ {
m and} \ d \ {
m are} \ {
m both} \ {
m numbers} \ {
m less} \ {
m than} \ {
m 20} \end{array}$

$$c-d=4$$

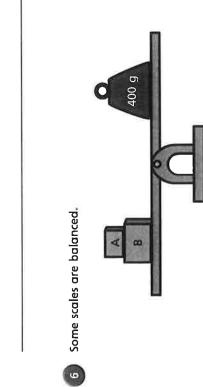
Complete the table to show possible values for $c\ \mathrm{and}\ d.$

c	p	c-d

a and b are integers.

$$ab = 24$$

List all the possible values for a and b.



What could the masses of the boxes be?

11 29	n:
	7
	J





N

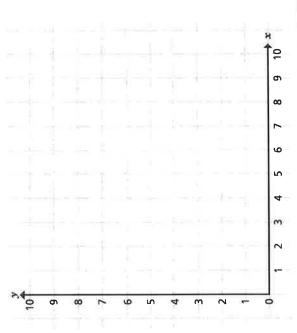




List all the possible values of $x,\,y$ and z.

×	8	N

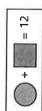
She is only plotting co-ordinates where x + y = 10Eva is plotting co-ordinates (x, y) on a grid. Plot all the points Eva can plot on the grid.



White Rose Moths

Find pairs of values (1)

a) Here is an equation.



Find six possible pairs of values for the circle and square.

reprise	general l
CÉ	0
(°")	ヷ
J	00
5	Project Control of the Control of th
٩	Q

b) Here is another equation.

$$x + y = 12$$

Find six possible pairs of values for x and y.

ع	2
	,,
N	September 19
J	00
3	σ
K	0
name weeks	11
×	y

6

c) What is the same and what is different about part a) and part b)? AMSURERS

Kim buys these two items from a cafe.

The total cost is 90p.



69	300
500	⁰ 0 ¹)
LQ.	50%
300	600
20p	70
<u></u>	000
0	

3

b) Compare answers with a partner.

Ţ



A coffee could cost 90p.

Is this possible? No

Explain your answer.

cockie wouldn't

6

a and b are whole numbers.

$$a + b = 8$$

Complete the table to show different possible values for a and b.

a p	0 %	- Info	2	m v	3 3	v m	~ CR	
a + b	8	80	100	00	\$	00	80	

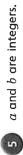
What patterns do you notice?

c and d are both numbers less than 20

$$c-d=4$$

Complete the table to show possible values for c and d.

J	Ы	8	t	91	2	2	8	Z
p	5	2	5	7	general agram	0)	σ	80
c-d	alif* Aureal	J	3	Ð	7	J	J	್ಷವ



$$ab = 24$$

List all the possible values for a and b_{\circ}

77.7	(mbatts)
CK	A
90	c 9
9	Ţ
3	J)
eq	100
ef	Ci.
-	77
ತ	-2)

Some scales are balanced.



What could the masses of the boxes be?

Rosie has three number cards.





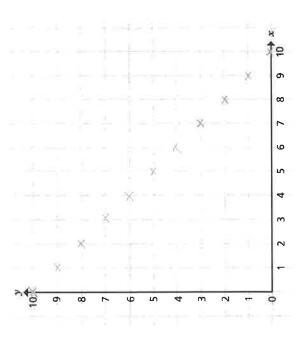
$$oldsymbol{x}$$
 is greater than y and y is greater tha

List all the possible values of x, y and z.

×	σ	000		\Q	1	٩	in
3	5.4	c(^}	37	5	60)	J	3
N	Andrew No.	-		Si-mark!		CV	9

She is only plotting co-ordinates where x + y = 108 Eva is plotting co-ordinates (x, y) on a grid.

Plot all the points Eva can plot on the grid.



Mastery

White Rese Maths

Find Pairs of Values (1)

Reasoning and Problem Solving

 $a,\,b$ and c are integers between 0 and 5

$$a+b=6$$
$$b+c=4$$

Find the values of lpha,b and c

How many different possibilities can you find?

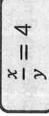
Possible answers:

$$a = 4 \quad b = 2$$

$$a = 3 \quad b = 3$$
$$c = 1$$

$$a = 2$$
 $b = 4$

x and y are both positive whole numbers.



Dora says,



x will always be a multiple of 4

Jack says,

y will always be a factor of 4

Only one is correct – who is it? Explain your answer.

. Possible answer:

 $32 \div 8 = 4$, $16 \div 4 = 4$

Jack is incorrect.

40 ÷ 10 = 4 and
10 is not a factor
of 4



Wed 24 Faching

Find Pairs of Values (2)

Notes and Guidance

to equations which involve multiples of one or more unknown. Building on from the last step, children find possible solutions

the other variable. Children should then work systematically to They should be encouraged to try one number for one of the variables first and then work out the corresponding value of test if there are other possible solutions that meet the given conditions.

Mathematical Talk

What does 2a mean? (2 multiplied by an unknown number) What is the greatest/smallest number 'a' can be?

What strategy did you use to find the value of b?

Can you draw a bar model to represent the following

3f + g = 20

equations:

7a + 3b = 40

What could the letters represent?

Varied Fluency

 $lue{q}$ In this equation, a and b are both whole numbers which are less than 12.

$$2a = b$$

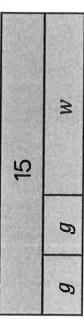
Write the calculations that would show all the possible values for lpha



Value of y		
Value of x		

 $\sqrt{2g+w} = 15$

Write down all the possible values for g and w, show each of them g and w are positive whole numbers. in a bar model.



Find pairs of values (2)

Class 6 are trying to solve a number puzzle.

6



could be 3 and the circle could be 4 The triangle

Do you agree with Dexter? _

Dexter

Explain why.

The triangle is worth 4

9



What is the value of the circle in Dora's number puzzle?

Dora

c) Find other pairs of values that the triangle and circle could equal.

Find three pairs.

Wed 24 Feb

White Rese Moths

a and b are whole numbers.

 $2\alpha + b = 14$

Complete the table to show different possible values for a and b.

0 0 17		0	-	7	m	4	5	9	7
4	20	0	2						
	p	4							
	7 . 20	: 5	5	5	-				

c and d are both integers less than 15 but greater than zero.

$$3c-d=2$$

Complete the table to show different possible values for $c\/$ and $d\/$.

2			
4			
3			2
2			2
1	3	1	2
c	3c	p	3c – d

b) Explain why there are no other possible values for c and d.

$$x = 20, y = 20$$

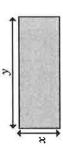
$$x = 10, y = 20$$

$$x = 20, y = 10$$

$$x = 35, y = 70$$

$$y = 90, x = 45$$

Here is a rectangle. x and y are both integers.



The rectangle has a perimeter of 28 cm.

- a) Write an equation to represent the perimeter of the rectangle.
- **b)** List all the possible pairs of values for x and y_*

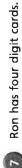
Compare answers with a partner. How do you know you have found all the possible values?

Aisha is buying some stationery for school.

She spends exactly £1

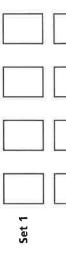






- Two of the cards have the same value.
- All of the cards are less than 10 but greater than zero.
- All of the cards are odd.
- The sum of the four cards is 24

Find two possible sets of cards.



Set 2



2ab = 48



α =

p = q

b) Work with a partner to find as many pairs of values as you can.



Find pairs of values (2)

Class 6 are trying to solve a number puzzle.



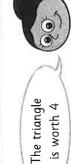
ē



Do you agree with Dexter?

Explain why.

0 10+0+0



9



What is the value of the circle in Dora's number puzzle?

Dora

=

Find three pairs.







2=

c) Find other pairs of values that the triangle and circle could equal,

Answers

a and b are whole numbers.

White Rese Maths



Complete the table to show different possible values for a and b.

ø	0	1	2	3	4	5	9	
2a	0	2	me d	9	30	0,	d	3
9	14	Shalf	0	40	A	J	CA	0
a+b	14	14	14	14	المراجعة المراجعة المراجعة	-05 5 5	7.	5

c and d are both integers less than 15 but greater than zero. m

$$3c-d=2$$

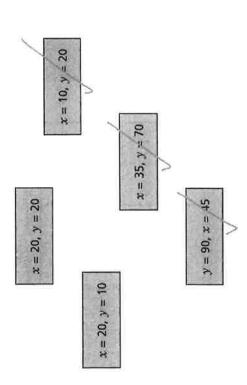
Complete the table to show different possible values for c and d.

2	3	20	Çŧ
4	Control of the second	9	Conf.
m	OT.	T	2
2	J)	4	2
1	3	1	2
C	3c	p	3c-d

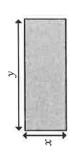
b) Explain why there are no other possible values for c and d.

ONCAR

If 2x = y, circle the possible values of x and y. x and y are both multiples of 5 less than 100



 \boldsymbol{x} and \boldsymbol{y} are both integers. Here is a rectangle. 2

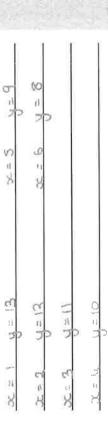


The rectangle has a perimeter of 28 cm.

a) Write an equation to represent the perimeter of the rectangle.



b) List all the possible pairs of values for x and y.



Compare answers with a partner. How do you know you have found all the possible values?

Aisha is buying some stationery for school. List the possible combinations of pencils She spends exactly £1 9

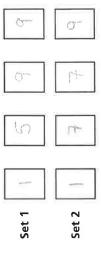


and pens that Aisha could have bought.



- Ron has four digit cards.
- Two of the cards have the same value.
- All of the cards are less than 10 but greater than zero.
- All of the cards are odd.
- The sum of the four cards is 24

Find two possible sets of cards.



2ab = 48

a) Find a pair of possible values for a and b.

$$\alpha = \emptyset$$

= q

mostery 24 Feb

Find Pairs of Values (2)

Reasoning and Problem Solving

ab + b = 18

Mo says,



a and b must both be odd numbers

Explain your answer. Is Mo correct?

Possible answer:

Mo is incorrect.

Mo is correct e.g. if examples to prove Children may give

a = 5 and

b=3, but there

are also examples to show he is

incorrect e.g. a = 2 and

b = 6 where

a and b are both

Large beads cost 5p and small beads cost | Possible answers:

3l + 16s

Rosie has 79p to spend on beads.

7l + 11s

111 + 6s

5р

4p

small and large beads can Rosie buy? How many different combinations of

Can you write expressions that show all the solutions?

FINDING ALL POSSIBLE OUTCOMES

85

TARGET To list all possible outcomes of combinations of two variables.

Examples

Adult tickets for a concert cost £5. Children's tickets cost £3.

A group of people pay £46 for their tickets. Find all the possible combinations of adult and child tickets for this amount.

Answer
2 adult, 12 child
5 adult, 7 child
8 adult, 2 child

Find all possible solutions for this equation

3x + 4y = 53

Answer

$$x = 3, y = 11$$
 $x = 11, y = 5$

$$x = 7, y = 8$$
 $x = 15, y = 2$

A

A class of 25 children are asked to get into groups of 2 or 3.
Copy and complete the list showing all the possible ways this can be done.

2 TWOS, 7 THREES

5 TWOS, THREES

TWOS, 3 THREES

TWOS, THREES

2 The same 25 children are then asked to get into groups of 3 or 4. List all the possible ways this can be done.

3 Esme has 2p and 5p coins only.
She has 39p.
List all the possible combinations of 2p and 5p coins which can make 39p.

4 Andy has 46 straws.
Find all the possible
ways he can use all 46
straws to make squares
and triangles.

B

1 A farmer has 86 eggs. The eggs are put into boxes of 6 or 8. Find all the possible ways in which all 86 eggs can be put into boxes.

2 A baker makes 150 cakes. The cakes are packed in boxes of 4 or 9. Find all the possible ways in which all the cakes can be packed.

For each equation list all the possible values of *x* and *y*.

$$3) 2x + y = 10$$

$$4) 3x + 2y = 20$$

$$5 x + 4y = 22$$

$$6 5x + 3y = 37.$$

$$3x + 4y = 38$$

$$8 2x + 5y = 43$$

$$\bigcirc$$
 6x + y = 34

$$4x + 5y = 47$$

C

1 The angles of a quadrilateral are all multiples of 5°.

Three of the angles are equal and larger than the fourth angle. Find all the possible combinations of angle sizes of the shape.

2 A cinema has 16 or 20 seats in each row. There are 412 seats in the cinema. Find all the possible combinations of rows of 16 and 20 which result in 412 seats.

For each equation list all the possible values of *x* and *y*.

$$3 7x + 5y = 94$$

$$4 3x + 8y = 100$$

$$5x + 9y = 132$$

$$2x + 11y = 127$$

$$8 3x + 5y = 81$$

$$9 4x + 7y = 113$$

$$10 12x + 5y = 238$$

9	2s + 6 = 15	$s = 4.5 \mathrm{cm}$
10	4l - 6 = 26	$l = 8 \mathrm{cm}$
11	$4w^2 = 36$	$w = 3 \mathrm{cm}$
12	Let y be the long	est side.
	(

$$\frac{6x}{2} = 24$$

$$x = 8 \text{ cm}$$

$$6 + x + y = 24$$

$$y = 10 \text{ cm}$$

Page 82

Α

•		
1 p = 2a + b	5 $s = 2p$	$9 g = 1000k^{-1}$
2 p = 2d + 2e	6 $c = 100000k$	10 $h = 24d$
3 p = 5c	7 $d = 7w$	
4 $p = 4f + 2g$	8 c = 4h	

11 a) 180

b) 720 **12 a)** 48 cm² **b)** 120 cm²

Page 83

$\mathbf{I} a = 180 - b$	3 a = 360 - 2b - 6
2 a = 360 - 7b	4a = 180 - 2b
9 a) 31·5 cm ²	10 a) 18 litres
1-1 7 5 . 2	* 1 00 1

b) 7.5 cm²

b) 90 litres

C

1 perimeter = 2(a+b+c)	3 30 cm ³
$area = a^2 - c^2$	4 12 000 cm
2 perimeter = $5a + 2b + c$	5 540°
area = ac + ab	6 900°

7 c = £(25 + 50h)

9 a) m = 2r

 $8 p = \left(40 - \frac{m}{10}\right) \text{ litres}$ **b)** m = 100 - 2w

Page 84

Α

1 x = 1, y = 3	3 $x = 3, y = 1$
x = 2, y = 2	x = 1, y = 5
x = 3, y = 1	x = 2, y = 3
2 $x = 2, y = 2$	4 $x = 6$, $y = 5$
x = 5, y = 1	x = 4, y = 1
	x = 8, y = 9
	x = 5, y = 3
	$x = 7 \ \nu = 7$

В

1 $x = 1, y = 3$	9 $x = 13, y = 1$
x = 2, y = 1	x = 15, y = 2
2 $x = 2$, $y = 3$	10 $x = 2, y = 2$
x = 1, y = 8	x = 4, y = 5
3 x = 6, y = 3	11 $x = 3, y = 1$
x = 2, y = 6	x = 4, y = 3
4 $x = 3, y = 3$.	12 $x = 5, y = 2$
x = 6, y = 1	x = 6, y = 5
5 $a = 4$, $b = 3$	13 $p = 1$, $q = 3$
a = 2, b = 8	p = 4, q = 13
6 $a = 8$, $b = 4$	14 $c = 4$, $d = 4$
a = 3, b = 8	c = 8, d = 9
7 $s = 3$, $t = 5$	15 $m = 5$, $n = 4$
s = 1, t = 12	m = 8, n = 8
8 $s = 5, t = 3$	16 $\nu = 4$, $w = 5$
s = 2, t = 8	v = 7, w = 10

C

_	
1 $x = 4, y = 5$	p = 4, q = 1
x = 3, y = 11	p = 9, q = 7
x = 2, y = 17	p = 14, q = 13
x = 1, y = 23	$10 \cdot d = 9, e = 2$
2 $x = 10, y = 1$	d = 11, e = 5
x = 7, y = 5	d = 13, e = 8
x = 4, y = 9	11 $r = 7$, $s = 2$
x = 1, y = 13	r = 10, s = 6
3 x = 8, y = 2	r = 13, s = 10
x = 6, y = 5	12 $g = 5$, $h = 5$
x = 4, y = 8	g = 9, h = 12
x = 2, y = 11	g = 13, h = 19
4 $x = 6, y = 2$	13 $w = 10$, $x = 4$
x = 4, y = 9	w = 13, x = 9
x = 2, y = 16	w = 16, x = 14
5 <i>e</i> = 8, <i>f</i> = 7	14 $k = 4$, $m = 4$
e = 4, f = 16	k = 11, m = 14
6 $y = 9$, $z = 4$	k = 18, m = 24
y = 6, z = 9	15 $t = 3$, $u = 3$
y = 3, z = 14	t = 6, u = 11
7 $k = 8$, $l = 6$	t = 9, u = 19
k = 5, l = 16	16 $z = 6$, $a = 7$
k = 2, l = 26	z = 10, a = 16
8 $g = 17, h = 1$	z = 14, $a = 25$
g = 13, h = 6	,
g = 9, h = 11	
g = 5, h = 16	
g = 1, h = 21	

Page 85

1 2 TWOS, 7 THREES	2 3 THREES, 4 FOURS
5 TWOS, 5 THREES	7 THREES, 1 FOUR
8 TWOS, 3 THREES	
11 TWOS 1 THREE	

3 2ps	5ps	4 SQUARES	TRIANGLES
2	7	10	2
7	5	7	6
12	3	4	10
17	1	1	14
	1	4 1	

В

U												
1	SIXE	S	EIGHT.	S		2	: FO	URS	N	INE	S	
	1		10				3	33		2		
	5		7				2	24		6		
	9		4			- 4				10		
	13		1					6		14		
3	Х	y	4	X	y	5	X	y		6	X	y
	1	8		6	1		2	5			5	4
	2	6		4	4		6	4			2	9
	3	4		2	7		10	3				
	4	2					14	2				
							18	1				
7						_						
7	X	y	8	X	y	9	Х	y	1	10	X	y
	2	8		19	1		5	4			3	7
	6	5		14	3		4	10			8	3
	10	2		9	5		3	16				
				1	7		2	20				

1 28

\bigcirc \dagger	76)	
large 95°	small	2 16s
95°	75°	2
100°	60°	7
105°	45°	12

 30°

15°

3 <i>x</i>	,	4 x		5 x y
2	16	4	11	21 3
7	9	12	8	12 8
12	2	20	5	3 13
	1100	28	2	

6	х	y	7	х	у	8	χ	y	9	9 x	у	10	х	y
	18	5		58	1		2	15		23	3		4	38
	15	15		47	3		7	12		16	7		9	26
	12	25		36	5		12	9		9	11		14	14
	9	35		25	7		17	6		2	15		19	2
	6	45		14	9		22	3						
	3	55		3	11									

Page 86

 110°

115°

Α

1 Pattern 4 16 matches, four in each side Pattern 5 20 matches, five in each side

2	Pattern	Matches
	1	4
	2	8
	3	12
	4	16
	5	20

3 ... is four times the number of patterns.

4 a) 28

b) 40

c) 120

d) 200

20s 19

15

11

7

3

17

22

В

1 Pattern 4 14 dots Pattern 5 17 dots

2	Pattern	Dots
	1	5
	2	8
	3	11
	4	14
Γ	5	17

3 ... is three times the number of the pattern plus two.

4 a) 32

5 a) 7th

b) 47

b) 12th

c) 131

c) 18th

C

1 a) 28

b) 52

2 a) 13th **b)** 22nd

c) 85

c) 33rd

3 ... is eight times the number of patterns minus four-

4 196

5 a) 8th

b) 12th

Page 87

Δ

~					
1 4	4 14	24	34	44	54

2 38 36 34 32 30 28

9 21 23 25 27 29 31 **10** 948 847 746 645 544 443

3 7 10 13 16 19 22

11 26 35 44 53 62 71 **12** 30 27 24 21 18 15

4 29 25 21 17 13 9 **5** 0.5 1.5 2.5 3.5 4.5 5.5

13 $\frac{1}{2}$ 1 $1\frac{1}{2}$ 2 $2\frac{1}{2}$ 3

6 65 58 51 44 37 30 **7** 15 35 55 75 95 115 **14** 80 75 70 65 60 55 **15** 25 50 75 100 125 150

(add 0.5)

(add 99)

(take 4)

8 110 99 88 77 66 55

D	
1 56 59 62	(add 3)
2 73 69 65	(take 4)
3 215 240 265	(add 25)
4 0.9 1.0 1.1	(add 0·1)
5 8 -10 -12 -14	(take 2)
6 109 104 99 94 89	(take 5)
7 3 0 3 6 9	(add 3)
8 1 $1\frac{1}{5}$ $1\frac{2}{5}$	$(add \frac{1}{5})$
9 5 3 1 -1 -3 -5 -7	(take 2)
10 37 46 55 64 73 82 91	(add 9)
11 366 316 266 216 166 116 66	(take 50)
12 20 -15 -10 -5 0 5 10	(add 5)
13 $1\frac{6}{7}$ $1\frac{4}{7}$ $1\frac{2}{7}$ 1 $\frac{5}{7}$ $\frac{3}{7}$ $\frac{1}{7}$	$(take \frac{2}{7})$

1 36	24 12	96 –	12n
2 92	99 106	7n + 3	57

16 ... 10 6 2 -2 -6 -10 -14

15 ... 83 182 281 380 479 578 677

14 ... 3·5 4 4·5 5 5·5 6 6·5

3 ...
$$0.98 \ 0.95 \ 0.92 \ 1.13 - \frac{3n}{100}$$

4 ...
$$2\frac{4}{8}$$
 $2\frac{1}{8}$ $1\frac{6}{8}$ $4\frac{3}{8} - \frac{3n}{8}$

8 ...
$$0.1 \ 0.12 \ 0.14 \ \frac{2n}{100}$$

9 ...
$$-1$$
 -5 -9 $19 - 4n$

12 ... 3 2.5 2
$$5.5 - \frac{5n}{10}$$

16 ... 2.25 2.5 2.75
$$\frac{n}{4} + 1$$

16 ... 2.25 2.5 2.75
$$\frac{n}{4} + 1$$

17 ... 5
$$3\frac{3}{4}$$
 $2\frac{1}{2}$ $11\frac{1}{4} - \frac{5n}{4}$



Name

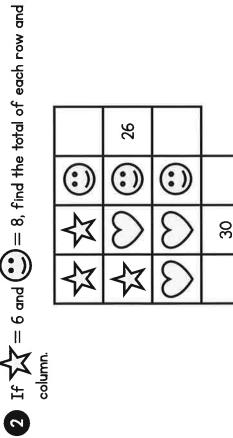
Here is a function machine.



Complete the sentences.

When the input is 7, the output is_

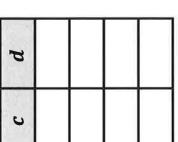
_, the output is 7 When the input is



Triday 26 Feb \mathfrak{S} c and d represent positive integer variables.

$$c + d = 5$$

Complete the table to show possible values of c and d.



Solve the equations.

2 mark

$$x + 3 = 9$$

2 marks

$$p - 3 = 4$$

3c = 12

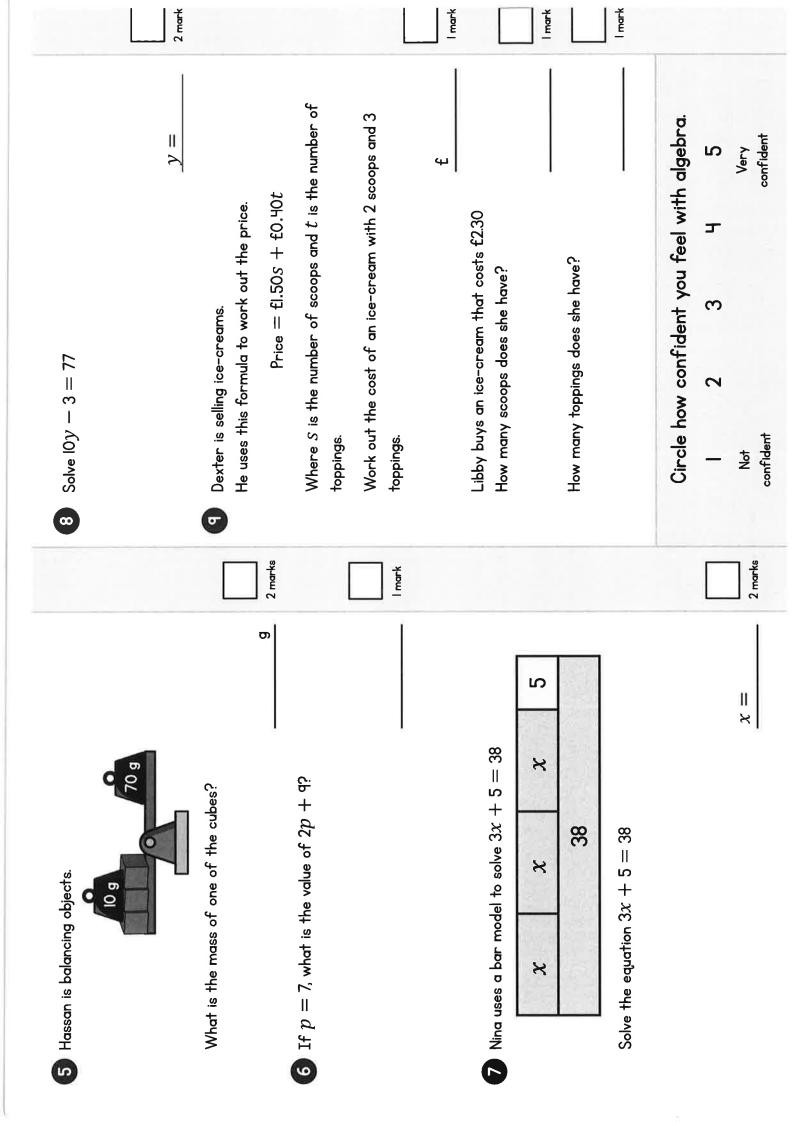
I mark

=q

l mari

3 marks

mark



TARGET To solve number problems involving addition and subtraction.

In an arithmagon the pair of numbers at the end of each line are added together to give the number between them.

Example

45 + 27 = 72

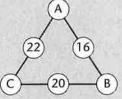
27 + 16 = 43

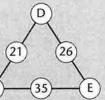
16 + 45 = 61

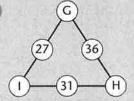
Find the missing numbers in these arithmagons.

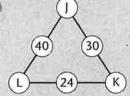


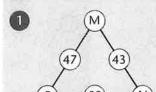


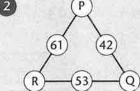


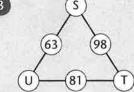


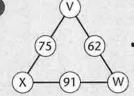


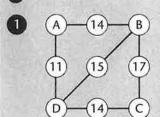




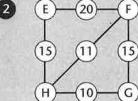


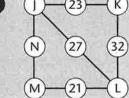


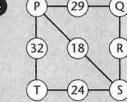




2







26			Ÿ	Page 152						
Page 146			A	A		3				` 40
A				1 a) 27	2 a) 1150	g 3 a)	385 mph	4 a) 1		a) 49 b) 7
1 100 miles	5 a) 1 hour 15 mi	ns.	b) 9	b) 5	b)	7	b) 1 c) 1		c) 7
2 40 miles) 1 hour 0 miles	V	c) 3	c) 230 g	c)	55 mph	C) .		-,
3 a) 15:15		6:30	1							
b) 16:45	8.4	0 miles per ho	ur	Page 153						
4 30 minutes	9 2	hours 45 mins	s	В		2 5		3	3 1°C	
			3.5	1 103	396	23				
Page 147			1	C					_	2.5
В				1 a) 1.4	m b) 4.66	m	2 3.4 m	3 90	mm 4	3.5
1 a) 17.5 km		15 mins.		144)						
b) 25 km		a) 1 hourb) 45 mins		Page 154						
2 a) 19:00		D) 45 IIIII		A				1.6	4 J	23
b) 20:15	Laur			1A 9	2 D		3 G	20		7
5 a) 30 km per b) 17-5 km p	er hour			В 7	E F	20 15		11		17
b) 17.3 km p	CI 1100			C 13	} r	13				
C	_		7 a) 60 mph	В					. 17	
1 a) 10:00		a) 40 miles b) 10 miles	b) 40 mph	1 M 19	9 2 P	25	3 S			23 V 39
b) 9:45	4 a) 20 miles	c) 20 miles	c) 80 mph	N 2	4	17		58		52
2 120 miles	b) 80 miles	5 11:45		0 2		36	U	23	2	
				1						
Page 148				C	2	E 12	3 J	9		13
A			(-) 10°C	1 A S	,	F 8		14	(Q 16
1 20°C	38	5 5°C	6 a) 40°C b) 55°C	C	3	G 7		. 18		R 21 S 5
2 4 minutes	4 2 mins., 12 min	n.	b) 33 G	D		H 3		M 3		з з Т 19
				1			×	N 12		_
Page 149				D-00 16	55					
В	2 a) Mar		3 20°C	Page 15))					•
1 a) 14°C b) 5°C	b) Aug	ust	4 February	Α			2880		5	384
5 a) 5°C	6 a) Apr	il-May		1	720	3		10		4 16
b) 2°C	b) Sep	tOctober			24 30		. –	40		4
_				8	3 10		9 8	5	6	7
C	2 a) 3°C	3 a) 7°C	4 a) 9th				264		6	252
1 a) 8th	b) 4°C	b) 14°C	b) 2nd	2	525	4				14 - 18
b) 9th	b)				15 35		22	12		
Page 150		_		3	5 7		11 2	6	7	2
A	В	C								
19	1 97	1 1.4 2 2.5		В					200	
2 4	2 23	3 12°		1	768		4	28	880	
3 8	3 3 4 2	4 2°C			24 3	2		144	20	
4 5	5 17	5 4.4				8		36	4 5	
5 10°C	V						ç	4	1	5
Page 151			•		3 2	2 4	,	-		
A		5 20 length	ıs 7 3⋅5		3000		5	3	3240	
15	3 2.5	6 17	8 80%	2		150		36	90	
2 7 kg	4 3 books	0 17		1	20	150		6	6 1	.5
в					4 5	30			3	5
1 2400 km	4 540	miles	7 10 rides		4 1	5	5	3 2	3	3
2 2.8 pass	engers 5 113	passengers	8 4 trains							
3 125 apr		apples	9 20 bags	3	3240		×			
					60	54	. 			
C	4 010	7.5 kg	7 8 fish		10 6	9				
1 65.8 kg	- 01	mins.	8 30 pages			3	3			
2 2.4 min	113.		9 57p		5 2	J	-			
3 £17.75	,			1						

Kingsmoor Lockdown English work: Week 7

Day 1 Monday	
22nd Feb	
Reading	Read your assigned book on GetEpic. They are differentiated to match your Reading Range on AR. Class code: wng9901 Take the week to read it through and then have a go at the quiz on Friday.
Spelling and handwriting	Practise the next list of common exception words for years 5 and 6. These are your gold certificate spellings. Mastery: can you find different prefixes and suffixes for these words? Complete Monday's handwriting sheet.
Writing	Look in your new Talk for Writing booklet 'Treasure' and Read the blueprint text. You can listen to it if you find it too tricky. Complete activity 1 and draw a story map. Read activity 2 carefully so you can see how the story has been boxed up.

Day 2 Tuesday 23rd Feb	
Reading	Read your assigned book on GetEpic. They are differentiated to match your Reading Range on AR. Class code: wng9901 Take the week to read it through and then have a go at the quiz on Friday.
Spelling	Practise your common exception words. I have given you a handwriting sheet to practise on. Can you find out the meaning of the words using a dictionary?
Writing	Complete activity 3 in the Treasure booklet. What devices for using suspense have you found? Complete activity 4 with some excellent 'Show, not Tell' sentences.

Day 3 Wednesday	
24 th Feb	
Reading	Read your assigned book on GetEpic. They are differentiated to match your Reading Range on AR.
	Class code: wng9901

	Take the week to read it through and then have a go at the quiz on
	Friday.
Spelling	Practise your common exception words. I have given you a
	handwriting sheet to practise on. Can you write a sentence for each
	of the first 9 words in your list?
	E.g. The identity of the thief was unknown.
Writing	Complete activities 5, 6 and 7 in the Treasure booklet.

Day 4 Thursday 25th Feb	
Reading	Read your assigned book on GetEpic. They are differentiated to match your Reading Range on AR. Class code: wng9901 Take the week to read it through and then have a go at the quiz on Friday.
Spelling	Practise your common exception words. I have given you a handwriting sheet to practise on. Can you write a sentence for each of the second 8 words in your list? E.g. The mischievous child smiled with delight.
Writing	Complete activity 8 in the Treasure booklet

Day 5 Friday 26th Feb	
Reading	Read your assigned book on GetEpic. They are differentiated to match your Reading Range on AR. Class code: wng9901 Take the week to read it through and then have a go at the quiz on Friday.
Spelling	Ask an adult to test you on the spelling of the words you have been practising this week.
Writing and handwriting	Complete activity 9 and 10 in the Treasure booklet

Mon 22 Feb 45 x 76 Common Exception Words -Gold identity inmediately individual misdievous



















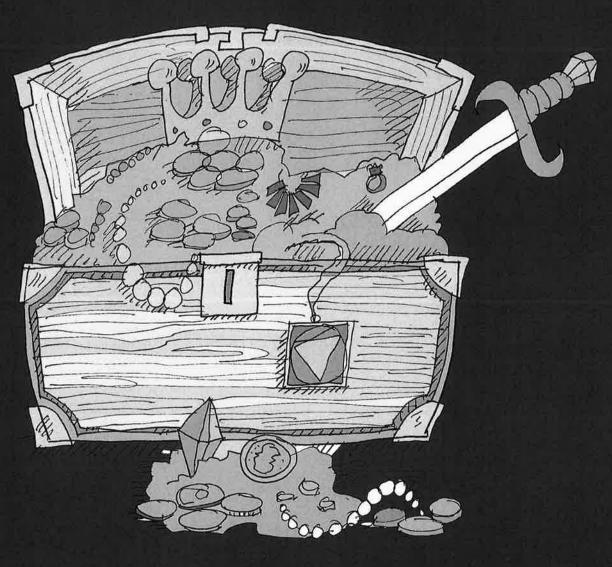




Talk for Writing Home-school booklet



by James Walker



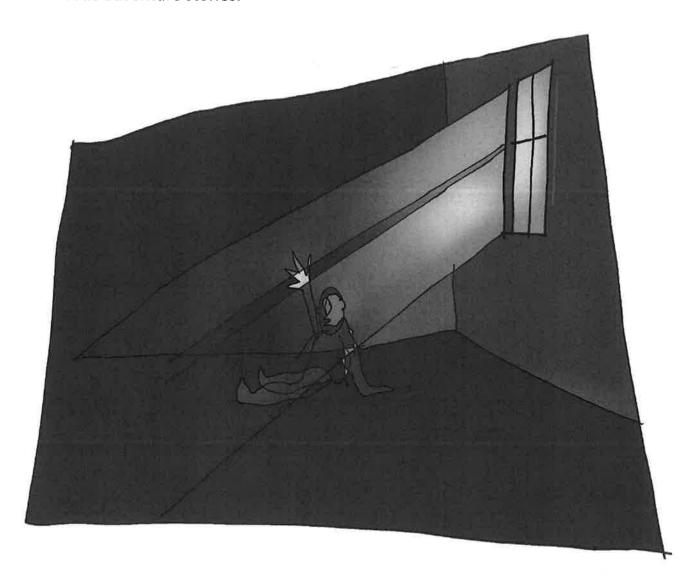
© Copyright of James Walker and Talk for Writing 2020.

Permissions: Sharing the web link / URL to where this booklet sits on the Talk for Writing website with colleagues and parents is encouraged, but no part of this publication should be re-uploaded elsewhere online, reproduced or altered without permission. www.talk4writing.com



Treasure

Imagine stumbling across hidden treasure the next time you are out on the beach or in the woods with your friends. What would you do? Open the treasure chest? Keep it all to yourself? Hand it in to the police? Show it to your family? I think we have probably all thought about this! Treasure or precious objects are often used in myth, legend, cartoons, books and films. In our unit, we will use treasure and interesting objects as the stimulus to write fantastic adventure stories.



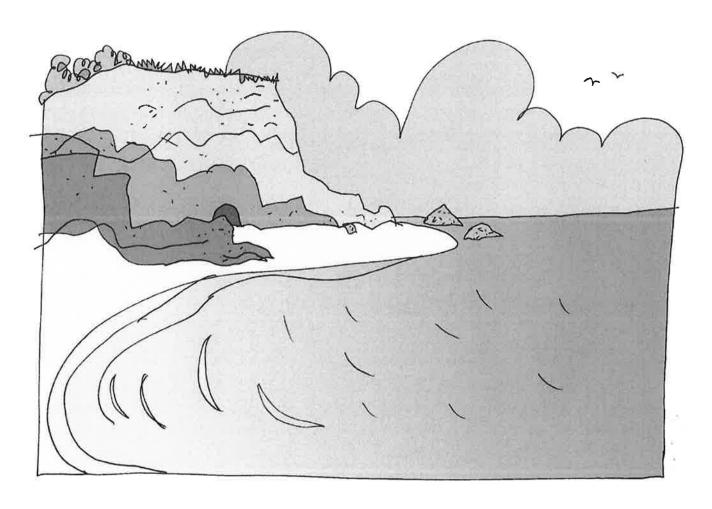
Introducing suspense

In this workbook, we are going to be writing **FINDING TALES** and our main focus is going to be **suspense** writing. You may have done some of this in school so try to tap back into the learning you have done about how to write effective suspense stories.

Model text - Adventure at Sandy Cove

Here is our model text: Adventure at Sandy Cove by Pie Corbett. It is a good example of a finding tale that uses suspense. Read below and have a listen here: https://soundcloud.com/talkforwriting/sandy/s-cpd0mheQjwP

Adventure at Sandy Cove



"Hurry up," shouted Joe as he climbed over the rocks. Carefully, Rahul followed. The two boys stopped at a rock pool and began to search for shells. "Hey, what's this?" shouted Joe to Rahul. In the rock pool was a small, black box wrapped in plastic. The boys tugged it loose. What was inside? Joe pressed the silver catch and the lid popped open. The box was full of sparkling jewels!

At that moment, a scruffy old man shouted at the boys. His wolf-like dog barked menacingly. Joe snapped the lid down, picked up the box and the two boys began to scramble over the rocks. They slipped and struggled towards the cliffs.

"Quick! Let's hide in here," said Joe, rushing into a cave. It was dark and damp inside and they could hear water dripping. They felt their way further in and crouched behind a rock. Rahul's heart pounded like a bass guitar. All at once, the scruffy man appeared at the cave mouth. He shone a torch around. The light cast shadows on the cave wall. The children ducked down and kept as still as stone, but the dog could sense them. It padded closer and closer, growling menacingly. Rahul gripped Joe's arm. They could see its white teeth, smell its damp hair and feel its hot meaty breath.

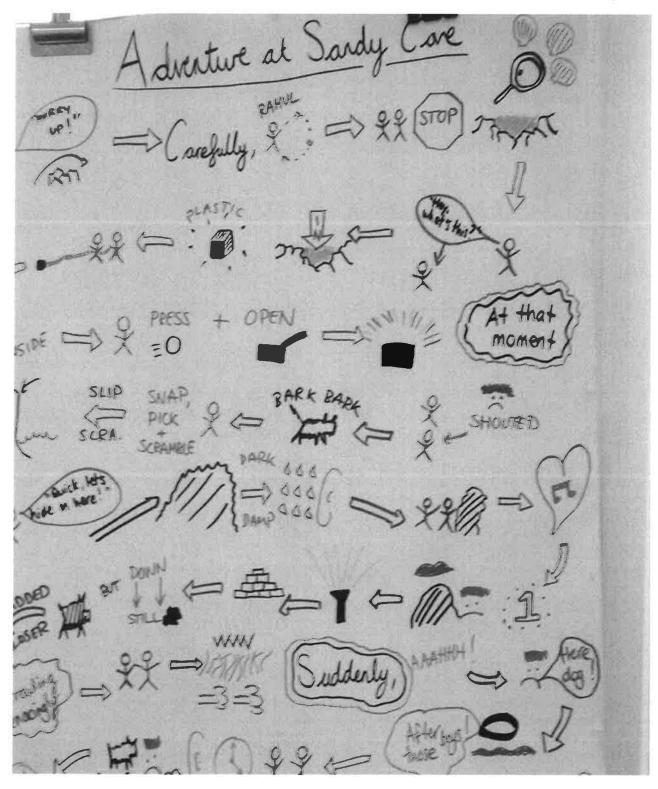
Suddenly, there was a distant shout. "Here, dog!" hissed the man, roughly grabbing its collar. "Those boys have got away - quick, after them!" Joe and Rahul held their breath until they could hear the sound of the man and his dog stumbling back across the rocks. They waited for a long while before creeping out. Even though the beach was empty, the boys ran home as fast as they could.

At first, Mum didn't believe them. It was only when Joe opened the box that she decided to call the police. When the police arrived, they told Mum that the big house up the road had been burgled only the night before. They had spent all day searching for a trace of the jewels. Their only clue had been the footprints of a large dog. Joe shut his eyes. He could imagine the headlines: 'PRICELESS JEWELS FOUND BY SCHOOLBOY DETECTIVES. And there was a reward too.

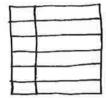
© Pie Corbett

Activity 1 - Storytelling and mapping

If you are used to retelling stories from story maps, then you could have a go at retelling the model text. Drawing a map to follow is a great idea plus identifying key actions for words like *suddenly, at that moment, carefully, at first*. If you have never drawn story maps to help you retell stories, look at the map as you listen to the story again and see if you can see how the images help you remember the story. Then see if you can retell it in your own words by just looking at the images. You could even draw your own map.



Activity 2: Underlying pattern of finding tales



Below, I have picked out the underlying pattern of the model text by boxing it up. This gives you the basic plan for writing your own finding tale, but remember you can change, adapt, add in more sections and change the ending if you like. It is just a guide.

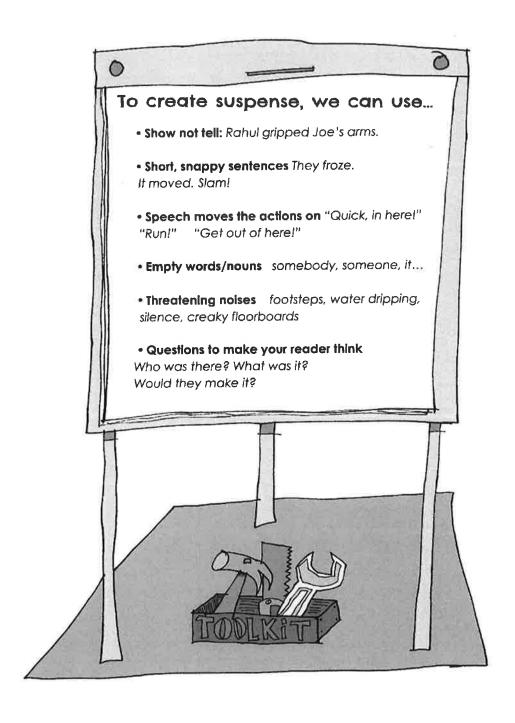
Title	Adventure at Sandy Cove
Opening Main characters in an everyday setting Find an interesting object	"Hurry up," shouted Joe as he climbed over the rocks. Carefully, Rahul followed. The two boys stopped at a rock pool and began to search for shells. "Hey, what's this?" shouted Joe to Rahul. In the rock pool was a small, black box wrapped in plastic. The boys tugged it loose. What was inside? Joe pressed the silver catch and the lid popped open. The box was full of sparkling jewels.
Build up Danger arrives	At that moment, a scruffy old man shouted at the boys. His wolf-like dog barked menacingly. Joe snapped the lid down, picked up the box and the two boys began to scramble over the rocks. They slipped and struggled towards the cliffs.
Dilemma Danger increases and it looks like there is no escape	"Quick! Let's hide in here," said Joe, rushing into a cave. It was dark and damp inside and they could hear water dripping. They felt their way further in and crouched behind a rock. Rahul's heart pounded like a bass guitar. All at once, the scruffy man appeared at the cave mouth. He shone a torch around. The light cast shadows on the cave wall. The children ducked down and kept as still as stone, but the dog could sense them. It padded closer and closer, growling menacingly. Rahul gripped Joe's arm. They could see its white teeth, smell its damp hair and feel its hot meaty breath.
Resolution Danger overcome in some way	Suddenly, there was a distant shout. 'Here Dog!' hissed the man, roughly grabbing its collar. "Those boys have got away - quick, after them!" Joe and Rahul held their breath until they could hear the sound of the man and his dog stumbling back across the rocks. They waited for a long while before creeping out. Even though the beach was empty, the boys ran home as fast as they could.
Ending Main characters safe More information revealed about the object/rewards	At first, Mum didn't believe them. It was only when Joe opened the box that she decided to call the police. When the police arrived, they told Mum that the big house up the road had been burgled only the night before. They had spent all day searching for a trace of the jewels. Their only clue had been the footprints of a large dog. Joe shut his eyes. He could imagine the headlines: 'PRICELESS JEWELS FOUND BY SCHOOLBOY DETECTIVES. And there was a reward too!



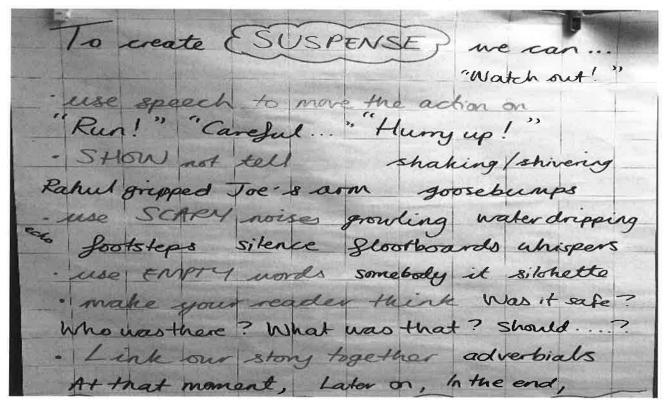
Activity 3: Making a toolkit for suspense

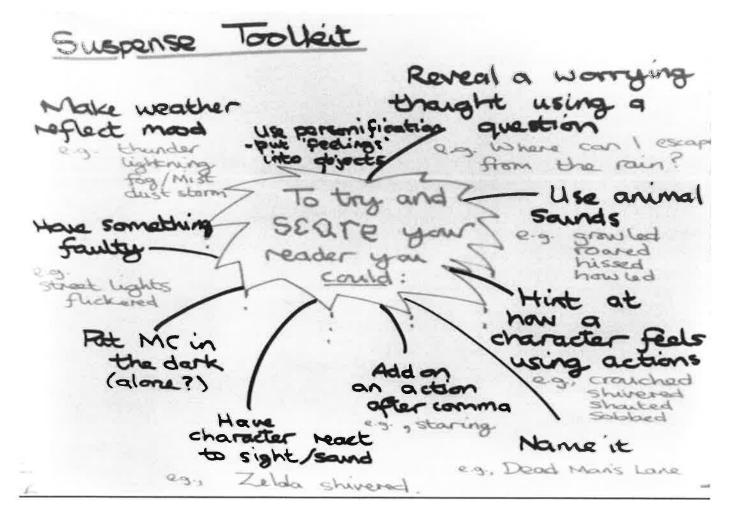
Before we start thinking about our own ideas for our story, we need to look closely at the text and see what writing tools/tips/tricks the authors has used to create suspense. You may know some of your own too.

* I've focussed just on the dilemma paragraph (no 3 in the box) to see what tools I could find that create suspense or a threatening mood



Now have a go yourself at seeing if you can spot any of these tools again in the next paragraph – the resolution one. There may be some additional ones – see if you can spot them. Use these two posters of suspense toolkits to help you.





Activity 4: Show-not-tell practice

This is a great tool to use not only for suspense but for characterisation. We don't just want to *TELL* the reader how the character is feeling. We want to *SHOW* them by what is happening to their body, how they are talking, how they are moving or how they treat people.

For example:

Telling

Showing

Joe was scared.

Joe froze.

The hair on the back of his neck

stood up.

Joe's heart raced

Now it's your turn! I want you to change the telling emotions to showing. You could act out the emotions yourself or think of a time when you felt like that. What was happening to your body? Voice? Breathing?

★ Try and write 2 or 3 idea down under showing – you might be able to use this in your writing later on.

Telling Zara was sad.	Showing
Jonah felt shy.	
Tom was angry.	
He was frightened.	
Remi was nervous.	Company of the Compan

Activity 5: Empty words

Which has more suspense?

The scary monster came up the stairs
OR

It crept up the stairs

Hopefully you can see it is the 2nd one and the reason why is that we are hiding the threat from the reader. This means they have to imagine what 'it' is. Every reader will imagine something different that is really scary for them.

List of empty words to use:

someone	somewhere	something		
no-one	nowhere	nobody		
it	shadow	silhouette		
figure	object	premonition		

Activity 6: Can you spot effective suspense sentences? Have a look at the four sentences below. Which do you think builds the most suspense and why? Remember to look back at the toolkit to see what tools help with suspense.

Lenny was petrified as the monster was scary.

Thud. He froze. Panic filled his chest. There was no escape. Would he survive?

The door in front of her screeched open. Footsteps moved towards her but she could see nothing.

This was it. They held onto each other tightly and prayed. Why did they come here?

* Choose the sentence with the most effective suspense and say why!

Activity 7: Short-burst writing



Now we have seen the model and looked at some of the tools, I want you to have a go at a paragraph or two of suspense writing. Try to use a few tools like *empty words*, threatening noises or show not tell. Try doing this as a short-burst of writing without doing too much planning or thinking. Try and let the writing flow and tell the story of someone in a dark scary place. 5 to 10 minutes is enough and then read it back through and see if it is working.



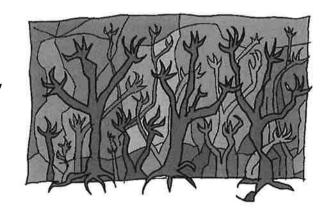
Activity 8: New ideas for your story



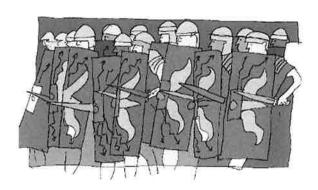
Now comes the fun part! You might already have the beginnings of an idea for your story from what you have read so far. If not, don't worry we are going to generate our ideas one step at a time.

3 MAIN CHOICES

1) A realistic story based on Sandy Cove that could happen to you e.g. in the woods, in the park, on holiday, at a new house ...



2) A story based on a topic you know a lot about: e.g. Romans, Space, Vikings...



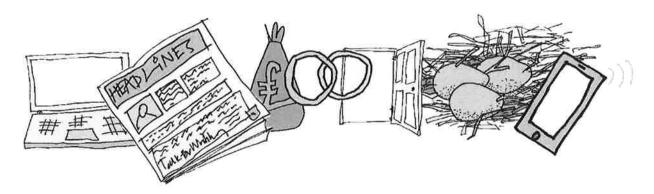
3) A story based on/set in the world of a book you know. You can take some of the characters, settings and objects from the story e.g. Holes, Harry Potter, Skelliq ...







STEP 1: Treasure/object



For a cracking finding tale you are going to need an object that interests both the characters in your story and your reader. Here are some categories and examples of objects to choose from:

Treasure

gold, money, jewels, locket, coins ...

<u>Bags</u> suitcase, rucksack ...

Technology

mobile phone, laptop ...

Locked

door, locker, chest ...

Writing

scroll, letter, newspaper, book, coded message ...

History

medals, time capsule ...

Images

painting, photograph ...

Possessions

glasses, locket, ring ...

Living

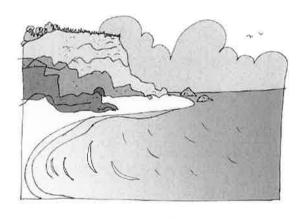
egg, bones, fossils ...

Here is a photo of the list I made with my class:



Now repeat the process for these key areas for your story – remember to think how they all link together. Jot down your ideas so you have some things to choose from.
STEP 1: MY OBJECT:
STEP 2: Main Characters (one pereson, brothers, sisters, friends, twins, a group)
STEP 3: Danger (weather, lost, trap, enemy)
STEP 4: Setting (woods, junkyard, abandoned fairground)
STEP 5: Reward/Next Day (in the paper, exhibit named after you in the museum, money)

Activity 9: Drawing your setting



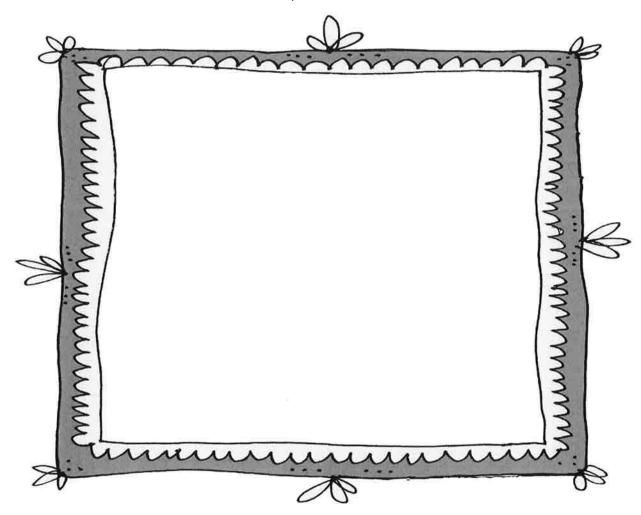
After listening to many authors interviews on RadioBlogging, many of them – especially Abi Elphinstone – said that they drew pictures of their settings, main characters and scenes from the stories.

To really help picture your main scene, have a go at sketching it out below. It doesn't really matter what it looks like (this isn't an art lesson!) but it

may help you to really picture what is going on and give you a reference point to look back on when writing.

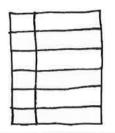
Here are some things you might want to include in your drawing: Where is your treasure/object?

- Where are your main characters and what are they doing?
- Where or what is your danger?
- What is the weather/time of the day like?



Activity 10: Planning

Now it is time to do! You can just write your ideas in bullet points or try to draft your writing in sentences. The more your get on your plan, the easier your writing will be! If you want more paragraphs or sections you could split some of the boxes in two.



Underlying pattern of a FINDING TALE	Plan of your ideas/innovation
Opening Main characters in an everyday setting Find an interesting object	
Build up Danger arrives	
Dilemma Danger increases and it looks like there is no escape	
Resolution Danger overcome in some way	
Ending Main characters safe More information revealed about the object/rewards.	

Here's an example of a plan that I did with my Year 6 pupils:

structure 1	Original	Your own
	Jim & Rahul - beach searching for shells tind small black be Tup it losse	chare) brother - younger (mare) brother 9 (Zak) a dog sniffs out (and digs) dinosaur bones . reighbours garden
	Sprankling jamels incide. Scruffy old man shouts at boys. Dog barks at them. Soc picts up box and they run!	- panel - old grampy comes out of the house and shouls of the boys - hide in the garden
Problem MCs tride somewhere someone follow comes close	" Hide in a dark, damp Care and day appear at come mornth and book for them. "Dog corner into come." "Dog corner into come." " Boys are really second.	- TRAP DOOR - ANDLO SHELL
Resolution Someone leave MCs escape	beys on the treats. Egys which and then run towards hance.	- phone rings (mobile/home) - man goes to answer it - they creep out stiptor - back through the fore - run home, dog on
MCs find out about object MCs become to	Crock Club - Borbonate .	or Velettempter Se

Activity 11: Talk your plan through

It is really important to have a good read through your plan to make sure that it makes sense. Why not read it aloud to someone in your house and see if they have any suggestions for how to improve it.

Activity 12: It's time to write your story

To help you with your writing, you have lots of different things to help you now:

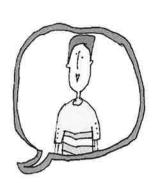
- ✓ The model text Adventure at Sandy Cove
- √ The toolkit for suspense
- ✓ The grammar/toolkit games
- √ Your ideas page
- √ The drawing you did of your setting
- ✓ And, most importantly, your plan!

Activity 13: INVENTION/EXTENSION WRITING

If you are up for a challenge, then have a look at this next section as we are going to start tinkering with the structure/underlying pattern of our story. Below is a story mountain which has been changed to:

- DILEMMA
- FLASHBACK
- OPENING
- BUILD UP
- FLASH FORWARD
- DILEMMA (continued)
- RESOLUTION
- ENDING

The reason this works is that we jump straight into the action! The reader is left wondering how the characters got into that situation. Then you flashback to the opening to then explain the back story. Films and books often do this to interest and excite the reader rather than just the normal story arc:



- opening
- build-up
- dilemma
- resolution
- ending.

Have a go at planning such a story and then see if you can write it.

Activity 14: Discussion writing

Below is a model of a piece of discussion writing based on *Adventure at Sandy Cove*. It presents the reasons on both sides of the debate:

Should you keep a box of sparkling jewels for yourself or hand them in?

Is honesty the best policy?

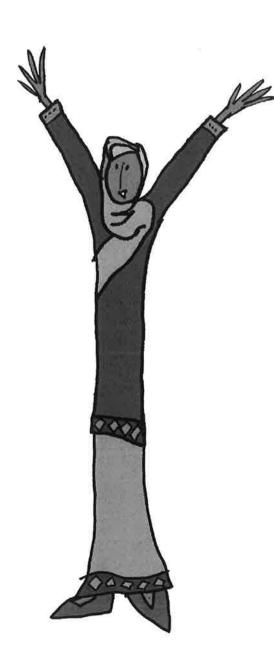
Have you heard about the boys who found a box full of sparkling jewels? Their mum phoned the police and it was returned to its rightful owner; should they have kept it for themselves? We all agree that stealing is wrong but what about finding? Some people still believe in the old saying, 'finders keepers, losers weepers'. However, there are others who argue, 'honesty is the best policy'. What would you do?

Many people, including Rahul, believe that taking property that doesn't belong to you is wrong. Firstly, they argue that if you didn't pay for it then it isn't yours. Furthermore, they advise that mislaid property should be returned to the owner - or even to the police. Finally, and most importantly, just think of the owners who have lost their precious property. How would you feel if that was you?

On the other hand, others believe that if you find something, you should keep it. Additionally, many state that it is impossible to return a lost item; you don't know who it belongs to. Joe Smith (aged 10 from Devon) gave us his opinion: "I found those jewels and possession is nine tenths of the law." Ultimately, it could be argued that it is the owner's fault for losing the item in the first place!

Having weighed up the points both for and against, it is clear missing objects should be returned to their rightful owners. Therefore, their mum made the right decision. If you were to lose a precious item, wouldn't you want it to be returned?

Now have a go at writing a discussion either based on Adventure at Sandy Cove or, even better, the story that you have written.



Activity 15: Performing your writing

Top tips for performing your writing:

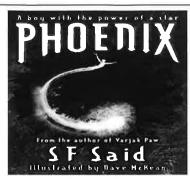
- a. Know your writing really well so you can focus on the performance practise a few times before you record it.
- b. As we are trying to create suspense in our writing, you could use some music or sounds to increase the tension! This could be footsteps, a drum, or anything else you think might make a creepy sound.
- c. Think about the tone of voice you are going to use on certain words or lines. Remember the threat level is different at different parts of the story so you can slow down your reading or speed it up when things get tense!
- d. If you have more than one character in your story, you could use different voices, like your teachers do in class, or convince a family member or school friend to help you out.
- e. Be confident and enjoy it! Try not to rerecord yourself 1,000 times trying to make it perfect.

Book recommendations

Below are some books that I would recommend for anyone in Years 5, 6 or 7 who likes an adventure story or one that has treasure in it.



Cogheart by Peter Bunzl



Phoenix by S F Said



Orphans of the Tide by Struan Murray



Mortal Engines by Philip Reeve



The Lost Magician by Piers Torday



Rumblestar by Abi Elphinstone



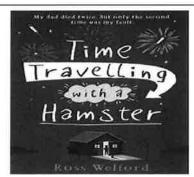
Brightstorm by Vashti Hardy



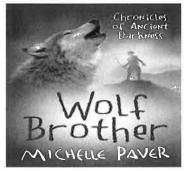
Podkin One-Ear by Kieran Larwood



Rooftoppers by Katherine Rundell



Time Travelling with a Hamster by Ross Welford



Wolf Brother by Michelle Paver



The Invention of Hugo Cabret by Brian Selnick

I hope you have enjoyed working through this workbook. Please share any work produced by tweeting me @MrWalkerPrimary

James Walker is a Year 6 teacher from Bristol who also works as a trainer with Talk for Writing to help schools develop the approach.

Edited and designed by Julia Strong
Prepared for online distribution by Nick Batty

To find out more about Talk for Writing, visit www.talk4writing.com.

Sharing this resource and copyright information

This resource is subject to copyright. All materials herein, texts and supporting resources are copyright to James Walker & Talk for Writing. They are to be used to support children/staff/parents in home and school learning only and are not for commercial gain. Sharing the web link/URL to where this booklet sits on the Talk for Writing website with colleagues and parents is encouraged, but no part of this publication should be reuploaded elsewhere online, reproduced or altered without permission.

Thanks to Jon Ralphs for the cartoons: jonralphs.com



Kingsmoor online links for Pack 7 WC 22 February 2021

Accelerated reader: If you would like to take quizzes on the books you have read over lockdown, please log on to our school AR URL. This is a temporary address that you will be able to access during lockdown.

https://ukhosted22.renlearn.co.uk/2231930

Monday

For maths: www.ttrockstars.com www.mymaths.com

For English: https://www.activelearnprimary.co.uk/login https://www.getepic.com/

Tuesday

For maths: www.ttrockstars.com www.mymaths.com Y5 https://www.ttrockstars.com

Y5 https://vimeo.com/480246937

Y6 https://vimeo.com/502664420

For English: https://www.activelearnprimary.co.uk/login https://www.getepic.com/

Wednesday

For maths: www.ttrockstars.com www.mymaths.com Y6

https://vimeo.com/503100955

For English: https://www.activelearnprimary.co.uk/login https://www.getepic.com/

For Science: https://www.bbc.co.uk/bitesize/clips/ztr3cdm

Thursday

For maths: www.ttrockstars.com www.mymaths.com Y5

https://vimeo.com/462717846

For English: https://www.activelearnprimary.co.uk/login https://www.getepic.com/

Friday

For maths: www.ttrockstars.com www.mymaths.com Y5

https://vimeo.com/462718768

For English: https://www.activelearnprimary.co.uk/login https://www.getepic.com/

Kingsmoor additional enrichment activities and links if you choose

For those of you looking for extra activities that your children could be doing throughout the week try these:

Writing

https://authorfy.com/10minutechallenges/

There are lots of authors reading their extracts of their books online in short videos on this website. They set 10 minutes writing or illustration activities to complete.

Reading

www.getepic.com

Our Class Code is: wng9901

This site has hundreds of books to read online and also has a feature where you can follow the text and listen at the same time. There are fiction and non-fiction, poetry and playscripts to enjoy. The books are linked up to AR levels so your child can select from their current reading range. The children have written their reading ranges in their planners so it should be easy to locate books at their reading level. Open from 9am – 4pm every day.



Maths

https://www.topmarks.co.uk/maths-games/hit-the-button

This website is great for practising key skills of halving, doubling, multiplying and dividing. It's fast and fun.

Other Enrichment Ideas:

Look at BBC Bitesize which has updated its website with lessons and activities for each and every subject at school, from French to DT!

https://www.bbc.co.uk/bitesize/levels/zbr9wmn

https://www.bbc.co.uk/iplayer/group/p089njzd?xtor=CS8-1000-[Discovery Cards]-[Multi Site]-[SL08]-[PS IPLAYER~N~~P BitesizeDaily]

BiteSize Daily is a series of videos on IPlayer that are designed to support our children through lockdown. They have guest presenters on everything from performing magic tricks to PE lessons

History

https://www.britishmuseum.org/collection

Have a look at the different collections that can be seen at the museum. You can even go on a virtual tour to look at some of the exhibitions.

Geography

https://www.natgeokids.com/uk/category/discover/

Discover some cool facts about our world with National Geographic Kids website.

Art

https://www.tate.org.uk/kids https://www.louvre.fr/en

Look at The Tate Gallery Kids website for fun things to do and make based on real works of art. Have a look at some of the artists and play games and quizzes. Or take a walk around the Louvre in Paris.

PSHE

https://www.parliament.uk/visiting/visiting-and-tours/tours-of-parliament/ Visit the Houses of Parliament

PE

www.youtube.com

Log in to do a daily Joe Wicks workout or Cosmic Kids Yoga.

Science

https://www.nhm.ac.uk/take-part/try-this-at-home.html

Try looking at the Natural History Museum website for ideas on how to get creative with our natural world.

RE https://www.bbc.co.uk/bitesize/subjects/z7hs34j This website has information about six of the main religions and also humanism. Watch the videos and take part in the activities.

D,

Name:			

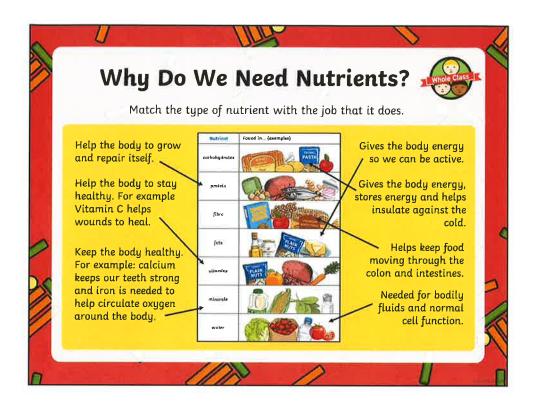
Date: Tues 23 Feb

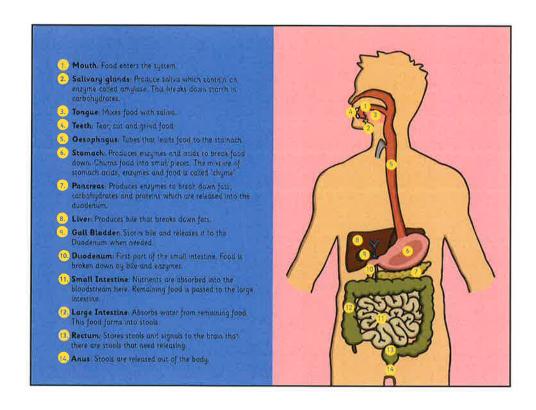
Reacting to Music

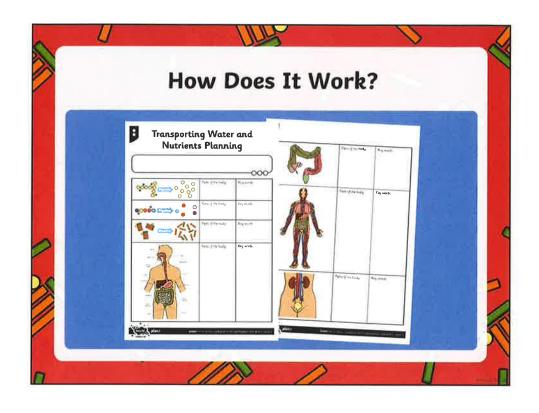
Per	e of the piece:	Score out of 10: Why?		
Hov	v do you know it is this genre?			
1.	When I listen, it makes me feel			
2.	Colours I imagine when I listen			
3.	This music makes me think			
4.	Does it have a catchy part (a riff or a refrain)? Will you be h	numming it later? Why?		
5.	Who do you think would like this piece and why?			
196	. To			

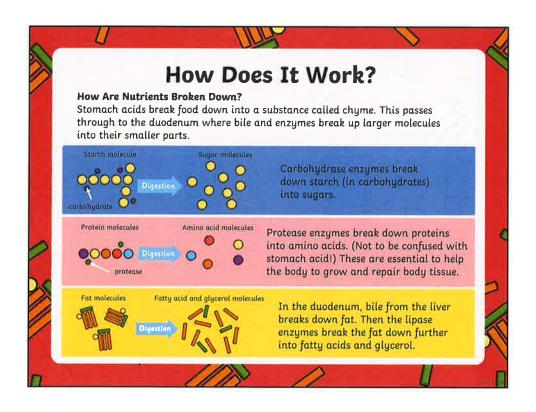


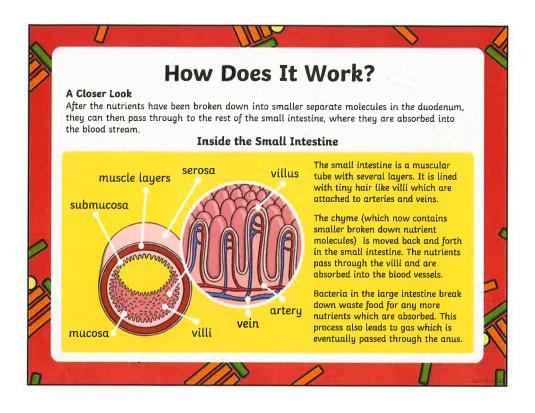


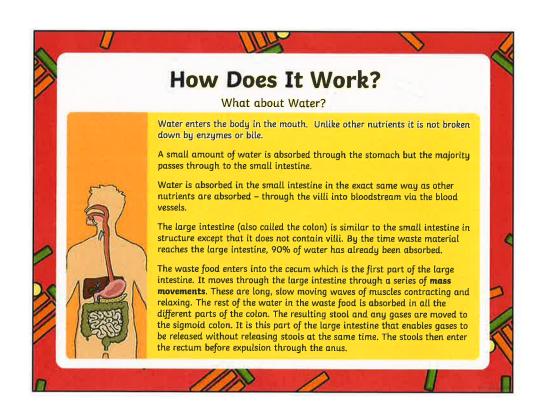


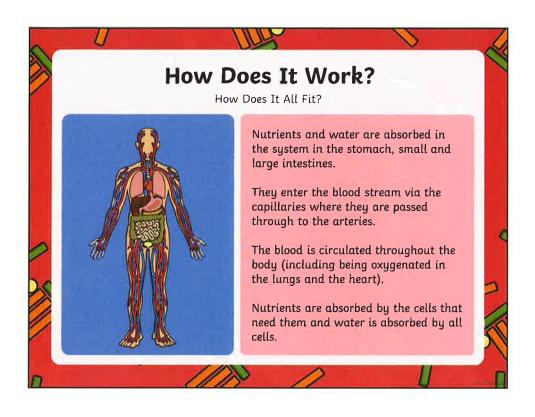


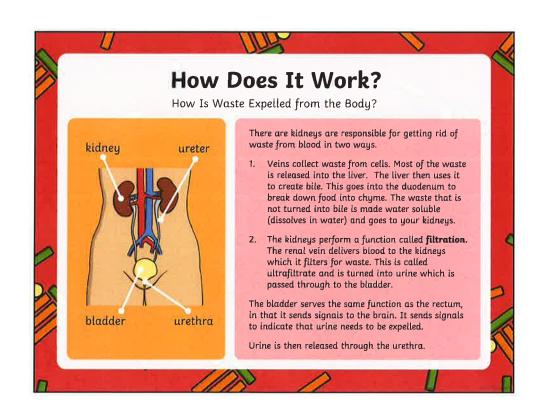












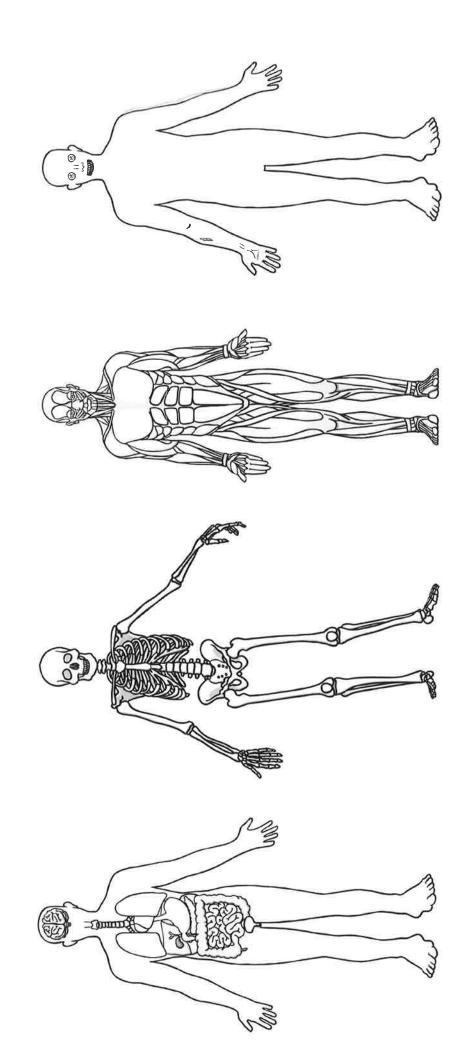
Digestive System Functions

24 Th Wed Name of digestive system part: Name of digestive system part: Name of digestive system part: Function: Function: Function: Name of digestive system part: Name of digestive system part: Function: Function: Name of digestive system part: Name of digestive system part: Function: Function: Name of digestive system part: Name of digestive system part: Function: Function: Name of digestive system part: Name of digestive system part: Function: Function: Name of digestive system part: Name of digestive system part: Name of digestive system part: Function: Function: Function:

twinkl.co.uk

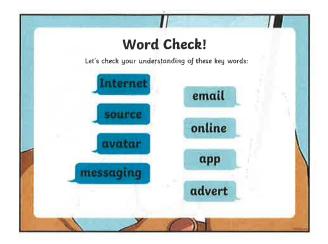
Where Are Nutrients Needed? Med 24th

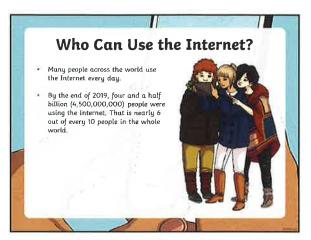
Research the nutrients needed by different parts of the body. Then label these on the appropriate diagram showing that body part.

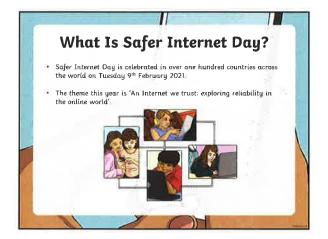


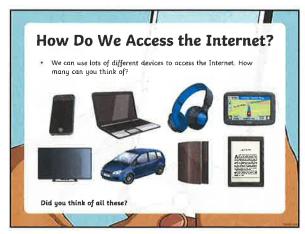


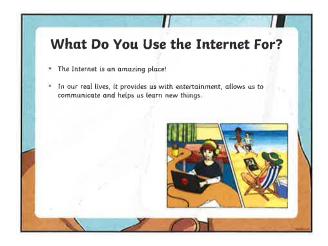
Thurs 25 Feb







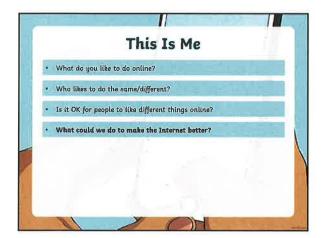


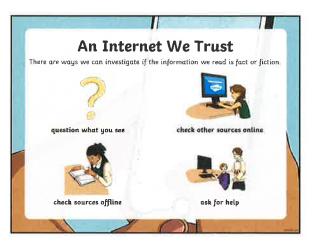


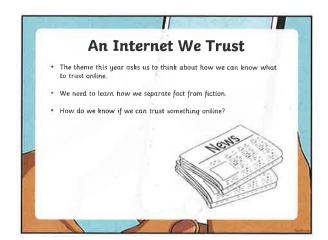


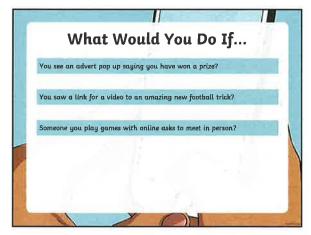












					Thurs	i 25 Feb
A	A	Interr	not	1		Teb
H	++)					
4	北设	Safety	2			
	3		4			
			5			
	6			7		
				8		
		9				
		(
		10		_		
		Across			Dow	n
2	So that st	rangers can't talk to	me, I have	my	I like to follo	ow celebrities

2	So that strangers can't talk to me, I have my settings restricted.	1	I like to follow celebrities on my account.		
	All of my email goes into my junk mail.		I have to be careful of my		
5	I like to go on my account to catch up with old friends.	3			
6	I adjust my to what I prefer.		I have many different		
8	My and I keep in touch through Facebook.	4	somebody finds on of them out.		
9	I would call somebody a who says horrible things online.		A hides behind the		
10	I constantly check my computer so I don't get a	7	anonymity of the internet and winds people up.		



Internet Safety **Answers**

									¹ T					-
							² P	R	I	٧	Α	С	Υ	
									Т					
	³ S	Р	Α	М			⁴ P		Т					
	А					⁵ F	Α	С	Ε	В	0	0	K	
	F					li .	S		R					
⁶ S	Ε	Τ	Т	I	N	G	S			⁷ T				
	Т						W		⁸ F	R	I	Е	N	D
	Υ						0			0				-
			⁹ C	Υ	В	Ε	R	В	U	L	L	Υ		
							D			L				
			¹⁰ V	I	R	U	S							

Every year, schools across the world support Safer Internet Day. The aim of the day is to help children and adults to learn more about how to stay safe online and to use the Internet in a responsible way. This year's event is being held on Tuesday 9th February.

Each year, Safer Internet Day has a different, themed focus. The theme this year is 'An Internet we trust: exploring reliability in the online world', which focuses on being able to decide what we can trust and to make the best decisions while online.

An Internet We Trust: Exploring Reliability in the Online World

The online world is a great source of information and offers opportunities to research, learn new facts or skills and even develop people's views and opinions.

The Internet is also an important way for young people to enjoy positive relationships with their peers, such as through gaming and social media sites. But how do we know what or who we can trust?

> As we explore the online world, we are constantly having to make decisions about who and what to trust. The 2021 Safer Internet Day campaign focuses on supporting young people to question and challenge what they see online. It hopes to give them the skills and strategies they need to be able to spot and speak out against any harmful and misleading content they might come across.

How Do You Use the Internet?

We all use the Internet differently. For example, here are some online activities that people like to do:

- listening to music
- · watching funny videos
- chatting with friends
- contacting family who live far away
- gaming
- researching for homework

How do you like to use the Internet?





Primary Resources - KS X







Everything Is Not Always as It Seems Photos

Photos can often exaggerate real life. People usually pick the prettiest and happiest pictures of themselves to share online. These images of other people's (carefully chosen) so-called perfect lives can sometimes leave you feeling low. Try not to compare yourself though and remember that the photos probably don't tell the whole story.

Fake News

Although the Internet is a great source of information for young people, unfortunately not everything is always as it seems. The online world also contains misleading content and fake news. Fake news is false information that is published, claiming to be true and reliable news.

Fake and imprecise content is harmful because it can impact young people's decisions, views and opinions and cause them to act on false information. It also breaks the trust we have of people in the media, many of whom are in fact reporting honestly.

Safer Internet Day 2021 will look at why inaccurate content exists, where it comes from and how young people can manage it.

Reducing Screen Time

Make sure you take regular breaks away from electronic devices. If you find yourself spending a lot of time online and even thinking about it when you're offline, then it's probably time to cut down your screen time.



Did You Know...?

Globally, over 4.6 billion people are regular Internet users according to a study from October 2020. This is about 59% of the worldwide population.

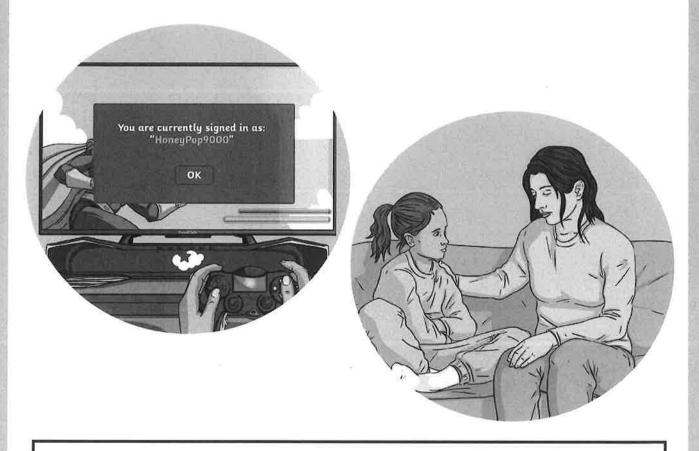




Staying Safe Online

The Internet is an incredibly powerful tool. However, we must think about how to use it safely. Sometimes, if we are in a group chat or playing an online game, we might see or hear something that worries, confuses or upsets us. There are ways to report this so that it is less likely to happen again. For example, many apps and games have 'Report', 'Help' or 'Block' buttons. 'Report' can help us to report anything that makes us feel unsafe or unhappy. 'Help' is if you have a problem with an app and 'Block' is useful if you don't want to get any more messages from someone. It can also be a good idea to save evidence (such as a picture or a message).

Most importantly, we should tell an adult about what has happened.



Safer Internet Day 2021 celebrates what an amazing place the Internet is to be creative, chat with friends and find out interesting information. It's important to make the most of it while also being safe, sensible and able to separate fact from fiction.



Questions Thurs 25 Feb

1.	1. What is the aim of Safer Internet Day?						
2.	2. Mark whether the statements are true or false.						
		True	False				
	Safer Internet Day is happening on February 19 th 2021.						
	The Internet offers opportunities to research and learn new facts or skills.						
	The Internet is an important way for young people to enjoy positive relationships with their peers, such as through gaming and social media sites.						
	You should believe everything you read on the Internet.						
3.	. Discuss why you should try not to compare yourselves to photos you see of other people online?						
4.	4. What is fake news?						
5.	Look at the How Do You Use the Internet? section. Find and copy one						
	word which means 'speaking to or communicating with someone'.						





Safer Internet Day

6.	6. Click on the correct action to take to match the situations.						
	Sid tries but he can't log on to his game.	Select					
	A stranger keeps sending Luca annoying messages.	Select					
	Abdulrahman saw a video that worried him.	Select					
	Something has made you feel unsafe, worried or unhappy.	Select					
7. What advice would you give to someone spending too much time online?							
8.	8. Do you think Safer Internet Day is important? Explain your answer.						

