

Wednesday 15th July 2020

Please refer to Monday's power point for the
'everyday' activities.

Only 3 more sleeps until it's my birthday!

Maths !

- As it is the last week of term the Mental Arithmetic consists of activities that are fun, but also use Maths.
- **Grown ups** - one or two of the lessons have a video this week.
- **Children** - we've got a bit of length and capacity to finish off and then a couple of multi skills activities too.
- Don't forget to check your work - I love a bit of green and pink marking!

Maths this week

- Monday - measuring length accurately
- Tuesday - capacity
- Wednesday and Thursday - multi skill activities
- Friday - challenge time.

Mental Maths

Sudoku 6 x 6 Puzzles

Each row and column contains all the digits 1 to 6.

	2		3	6	
			5		2
1	5				4
2		3	1	5	6
4	3		6	1	
6	1		4	2	

	5			4	3
6				1	5
		6		3	
		3		6	
4	6	5	3		1
3			4	5	

6	3	2	4		
4		1	6	3	
	6	3	1		
1		5		6	
5			3		4
					6

5	2	4		3	
			5		2
	4		6	1	5
6	5	1		2	
			2	5	3
2			4	6	1

1	3	2			4
4	5	6		3	2
				1	
5	4	1	6		
2		5	3		1
3	1	4	2		

	6		5		
	4	3		2	
				5	
6					4
					1
	3		4		5

Sudoku 6 x 6 Puzzles **Answers**

5	2	4	3	6	1
3	6	1	5	4	2
1	5	6	2	3	4
2	4	3	1	5	6
4	3	2	6	1	5
6	1	5	4	2	3

2	5	1	6	4	3
6	3	4	2	1	5
5	4	6	1	3	2
1	2	3	5	6	4
4	6	5	3	2	1
3	1	2	4	5	6

6	3	2	4	5	1
4	5	1	6	3	2
2	6	3	1	4	5
1	4	5	2	6	3
5	1	6	3	2	4
3	2	4	5	1	6

5	2	4	1	3	6
1	6	3	5	4	2
3	4	2	6	1	5
6	5	1	3	2	4
4	1	6	2	5	3
2	3	5	4	6	1

1	3	2	5	6	4
4	5	6	1	3	2
6	2	3	4	1	5
5	4	1	6	2	3
2	6	5	3	4	1
3	1	4	2	5	6

1	6	2	5	4	3
5	4	3	1	2	6
3	1	4	6	5	2
6	2	5	3	1	4
4	5	6	2	3	1
2	3	1	4	6	5

Here's a Maths challenge where you have to work through the different clues using your Maths skills to find out who melted the ice cream. Good luck!

The Mystery of the Melted Ice Cream At the Merryvale Fair

The town of Merryvale look forward to the arrival of the travelling fair every summer. The children save up their pocket money, the mums and dads nag them not to eat too much junk and to be sensible, and the teenagers can't wait to jump on the waltzers and feel sick on the rickety rollercoaster.

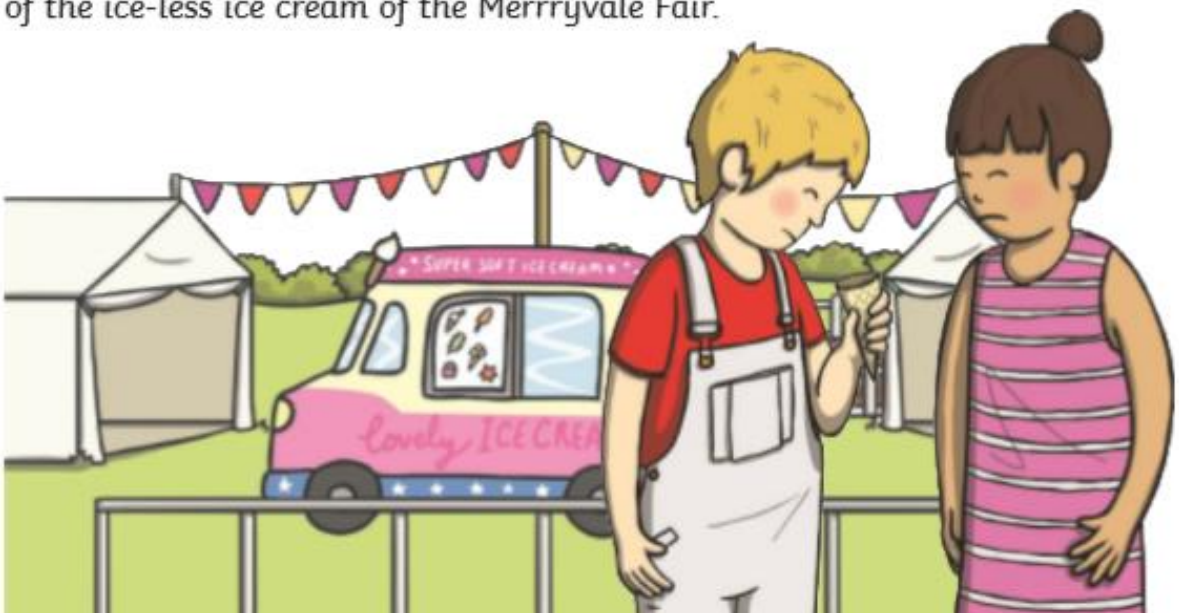
This year is no exception and everyone is excited about the fair opening on Friday night.

However, disaster has struck!

The large ice cream van has got everyone's favourite ice creams loaded up and ready to serve. The crowds start entering the playing field and the rides begin to turn.

The queue outside the ice cream van is growing, when Mr Freeze goes to the ice cream tubs only to find they are all completely melted! Someone has unplugged the massive freezers keeping the large number of tubs of ice cream frozen!

As Chief Inspector, you need to find and solve the clues, and end the mystery of the ice-less ice cream of the Merryvale Fair.



Name	M/F	Age	Food eaten	Type of hat	Shoe size
Alec Adams	M	12	burger	canvas	4
Bilhal Begum	M	14	chips	baseball cap	9
Charlie Carter	M	10	burger	canvas	6
Danielle Danesh	F	13	chips	sun visor	5
Euan Evans	M	13	hot dog	baseball cap	10
Fiona Freidman	F	12	hot dog	canvas	5
Gethin Griffin	M	10	taco	baseball cap	7
Hamish Hendry	M	15	hot dog	baseball cap	10
Igor Isles	M	12	burger	baseball cap	4
Jasvinder Jain	F	12	burger	sun visor	9
Kuba Kucharzewski	M	12	chips	baseball cap	8
Leonie Lane	F	15	taco	straw	6
Mollie Mehmet	F	14	taco	canvas	6
Nic Nowak	M	14	taco	baseball cap	9
Oliver Olland	M	13	chips	sun visor	8
Pam Patel	F	12	burger	baseball cap	4
Quinn McQueen	M	12	burger	baseball cap	10
Robbie Rayson	M	12	taco	straw	4
Safa Sharif	F	13	chips	baseball cap	5
Tomasz Taylor	M	13	burger	canvas	10
Uma Underwood	F	12	hot dog	sun visor	6
Veronica Valley	F	11	chips	baseball cap	5
Wi Wong	M	15	taco	baseball cap	10
Xi Xan	M	14	burger	canvas	10
Zoe Zub	F	12	hot dog	canvas	6

Clue 1: True or False?

Answer true or false to these statements. If there are more false statements than true, the culprit is male.

Statement	True	False
A cuboid has 6 vertices.		
$14 \times 20 = 280$		
14:35 is the same as twenty minutes to three.		
$\frac{4}{10}$ of 150 is 60.		
A square-based pyramid has four flat surfaces.		
$\frac{3}{4}$ of 300 is 215.		
There are 315 minutes in $5\frac{1}{4}$ hours.		
There are 75 twenty pence coins in £15.		
$1289 - 369 = 910$		
Three years is equal to 146 weeks.		
$\frac{1}{5} + \frac{2}{5} = \frac{3}{5}$		
$81 \div 9 = 8$		
4.6 is rounded to 4.		
Five lots of fifteen equals seventy-five.		
Six triangles and three squares have thirty sides altogether.		

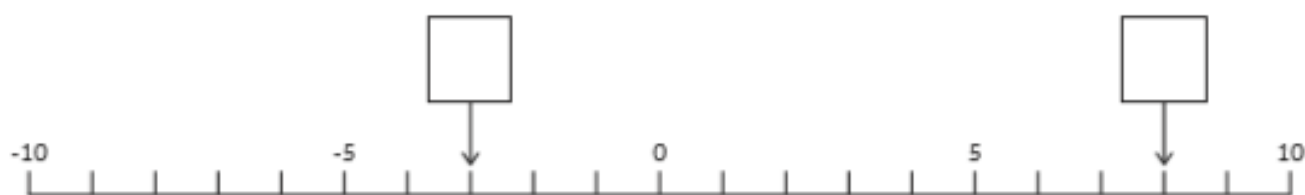
Answer to clue 1:

Circle the correct gender.

The culprit is M / F

Clue 2: Number Lines

Put the missing numbers on the number lines, then order the words in the table and solve the next clue.



-1 wearing	5 thirteen	-4 cap	1 eleven
9 fourteen	-3 the	-5 hotdog	-2 baseball
2 a	7 footprint	8 was	4 culprit

Answer to clue 2:

Clue 3: Change

Work out the change given from £10. Find the answers in the table and rearrange the words to solve the third clue.



£4.54 were	£3.24 hotdog	£7.62 in	£2.10 chips
£7.50 dropped	£8.48 found	£5 taco	£8.63 van
£5.05 crumbs	£7.12 shoe	£3.44 burger	£2.54 wrapper

Answer to clue 3:

Clue 5: Equivalent Fractions

Fill in the missing equivalent fractions.

1. $\frac{1}{2} = \frac{\square}{10} = \frac{\square}{14} = \frac{3}{6}$

2. $\frac{1}{3} = \frac{\square}{9} = \frac{\square}{18} = \frac{5}{15}$

3. $\frac{1}{4} = \frac{\square}{8} = \frac{4}{\square}$

4 five	2 footprint	9 found
3 discovered	8 ice-cream	5 freezer
10 lost	7 by	1 there
6 size	12 culprit	16 ten

Answer to clue 5:

Have you worked out who melted all the ice creams at the Merryvale Fair?

The person who melted all the ice cream was _____.

Clue 5 Answers

Fill in the missing equivalent fractions.

$$1. \quad \frac{1}{2} = \frac{\boxed{5}}{10} = \frac{\boxed{7}}{14} = \frac{3}{6}$$

$$2. \quad \frac{1}{3} = \frac{\boxed{3}}{9} = \frac{\boxed{6}}{18} = \frac{5}{15}$$

$$3. \quad \frac{1}{4} = \frac{\boxed{2}}{8} = \frac{4}{\boxed{16}}$$

4 five	2 footprint	9 found
3 discovered	8 ice-cream	5 freezer
10 lost	7 by	1 there
6 size	12 culprit	16 ten

Answer to clue 5:

Size ten footprint discovered by freezer.

Have you worked out who melted all the ice creams at the Merryvale Fair?

The person who melted all the ice cream was **Quinn McQueen**.

Wednesday 15th July: English

3 days until SUMMER !!

Today's story ...

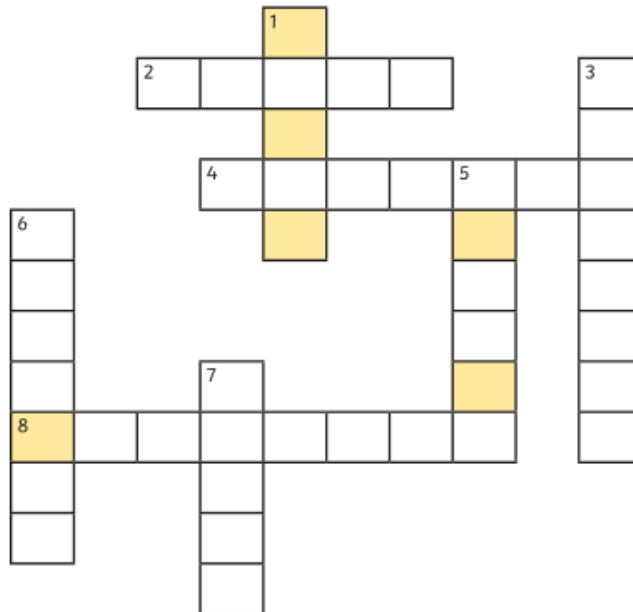


<https://www.storylineonline.net/books/the-rainbow-fish/>

Activity 1

Crazy Criss-Cross

Can you solve the tricky clues below to figure out the words in this crossword? Make sure that you spell your answers correctly to reveal the secret hidden word.



Across

- The name of the planet we live on.
- Something to ride which has two wheels.
- You need to do lots of this to keep you fit and strong.

Down

- A healthy snack which can grow on trees.
- You ask one of these if you want to know something.
- A 2D shape with no sides.
- You need to write this on the envelope when you send a letter.
- A number of people or things that are together.

What does the secret hidden word mean? Ask an adult, use a dictionary or research in your own way.

Write the secret hidden word in a sentence.

Activity 2

Think and Write: A Very Froggy Holiday

Use this picture as inspiration to carefully think and write a short paragraph about the summer holiday adventures of Mr and Mrs Frog.



Sentence 1: Include an expanded noun phrase.

Sentence 2: Include the subordinating conjunction 'because'.

Sentence 3: Include a possessive apostrophe.

Sentence 4: Write an exclamation sentence.

Activity 3

My A to Z of the year!



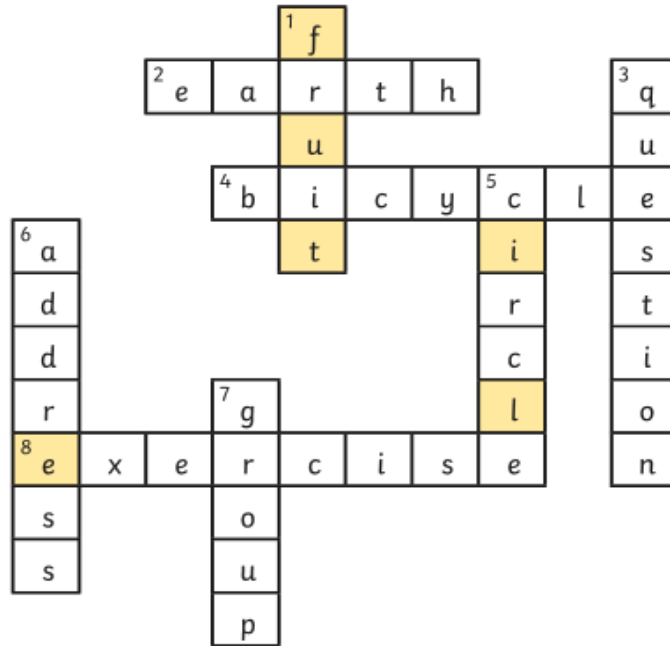
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A	_____	J	_____	S	_____
B	_____	K	_____	T	_____
C	_____	L	_____	U	_____
D	_____	M	_____	V	_____
E	_____	N	_____	W	_____
F	_____	O	_____	X	_____
G	_____	P	_____	Y	_____
H	_____	Q	_____	Z	_____
I	_____	R	_____		

Write down something you have learnt for each letter of the alphabet!

Answers

Crazy Criss-Cross



Across

- 2) Earth
- 4) bicycle
- 8) exercise

Down

- 1) fruit
- 3) question
- 5) circle
- 6) address
- 7) group

What does the secret hidden word mean? Ask an adult, use a dictionary or research in your own way.

The hidden word is 'futile'. Futile means something which is pointless or does not produce a useful result.

Write the secret hidden word in a sentence, e.g.

She stopped struggling when she realised how futile it was.

Answers

Think and Write: A Very Froggy Holiday

Example Sentences

Sentence 1: Include an expanded noun phrase.

The green, slimy frogs arrived at the hot, sandy beach.

Sentence 2: Include the subordinating conjunction 'because'.

Mr Frog was angry because Mrs Frog had packed far too many clothes.

Sentence 3: Include a possessive apostrophe.

Mrs Frog's suitcase was extremely heavy.

Sentence 4: Write an exclamation sentence.

What a heavy suitcase it is!