

Year 5 Home Learning – Week Beginning 6th July 2020

Hi All – we are all very excited to see you all on the last week of term (20th-22nd July), to say hi and bye and for you all to see each other again before September.
We are missing you all incredibly! Mrs Hudson, Mrs Ferreira and Mrs Waters xx

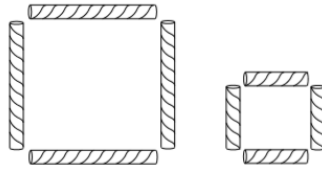
	<u>Reading / SPaG</u>	<u>Maths</u>	<u>English</u>	<u>Topic</u>
<p>Monday</p>	<p>Spelling: Continue to play games on Spelling Frame. You could focus on these Y5/6 statutory spelling words this week:</p> <p>appreciate attached forty frequently sacrifice secretary</p> <p>Reading Show an enjoyment for reading by reading a book of your choice. Aim to read for at</p>	<div data-bbox="613 592 1167 1121" data-label="Image"> </div> <p>This is a sudoku puzzle. You need to input the digits 1 to 6 once in each column, row and rectangle. No digit should be repeated in each section, for example, the first column should not have the digits 4,6 and 5 in it again but you need to put in the numbers 1,2 and 3. It is a process of elimination and you cant just work methodically through the rows.</p>	<p>Reading Comprehension Read Chapter 4 of Banana Boy Slides Again and answer these questions in your book. Remember to use full sentences and use evidence from the text.</p> <ol style="list-style-type: none"> 1. How do you think the people who are watching and hiding feel? 2. Which word tells you the girl in the unicorn costume is not frightened? 3. Find and copy two noun phrases that describe how the monkey's mouth looks and/or smells. 4. Find and copy the simile that tells you how the monkey spat out Banana Boy. 5. Why are the words all alone in bold? 6. Who would you like the girl in the unicorn costume to be? Explain. 	<p>Discuss with your adult or sibling - Think about the science of being vertical in a pool and sinking; making a star shape and floating; and surface diving to the bottom of the pool to retrieve something or 'running' through the water, based on your forces knowledge so far. Explain why you can both float and sink in water, even though you don't change weight - what makes you sink (what shape are you), what makes you float (again what shape are you)? In the deep end of a pool you might be 3m above the ground. What would happen if you were 3m above the ground in air? You would hit the ground fast! Why don't you hit the ground fast in water? Even when you try to sink? What slows you down? https://www.bbc.co.uk/teach/class-clips-video/science-design-and-technology-ks2-investigating-air-and-water-resistance/z4m6nrd</p>

least 10 minutes per day.
You could always use your Reading Record to record what you have read.

Square it up

You need six drinking straws each the same length.
Cut two of them in half.
You now have eight straws, four long and four short.

You can make 2 squares from the eight straws.



Arrange your eight straws to make 3 squares, all the same size.

Activity 1 – change the shape of a piece of plasticine/play dough/blue tack and place in a bowl of water – how does the shape of the plasticine affect the floating property of the shape. Write a paragraph to explain your results and why you think this happens. (think about your parachute investigation and the importance of surface area)

Tuesday

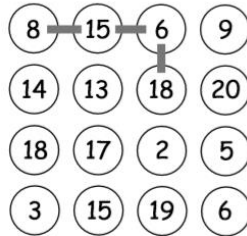
Joins

Join any four numbers.

Find their total.

Joins can go up, down or sideways, but not diagonally.

The score shown is $8 + 15 + 6 + 18 = 47$.



Find the highest possible score.

Find the lowest possible score.

Try joining five numbers.

Now try joining five numbers using only diagonal joins.

Money bags

Ram divided 15 pennies among four small bags.

He could then pay any sum of money from 1p to 15p, without opening any bag.

How many pennies did Ram put in each bag?



Vocabulary

Find these words in the story. Write them in your book and explain what they mean.

damp

mouldy

slippery

furball

peeping

slobber

Now write two new sentences for each word, making sure you use it correctly.

Activity 2

The team on the ground have a large river which they will need to cross.

They have found three boats tied up to choose from. They want to know which boat shape they should use to get them and the heavy meteorite across most efficiently.

Shape of hull investigation

- What are your variables?
- What needs to stay constant to ensure the push and journey of each boat is the same?

- How many times will you test each boat?

- What equipment will you use?

- How will you record the speed?

- How will you record your results?

- What will you look for in your results to make your recommendations?

- What key pieces of information need to be included in your text message?

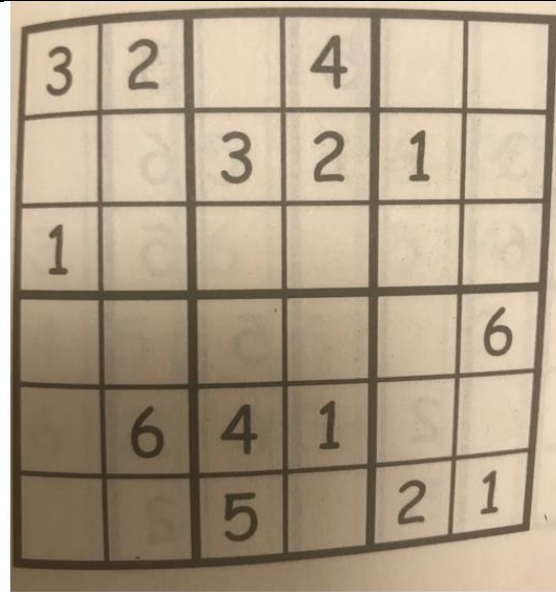
- Are there any improvements to your investigation that might have made the results more accurate?

- What other things could you investigate about boats and water resistance?

Use the images below to help.

You can decide how you record this investigation but you must include a text message that can be sent to the rescue team - good luck.

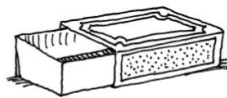
Wednesday



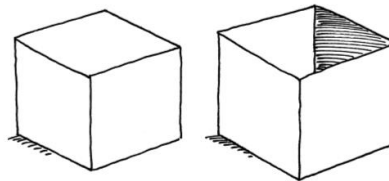
Try this sudoku – time how long it takes you to work it out.

A perfect match

1. A matchbox tray slides into its outer cover.
In how many different ways can you do this?



2. Imagine a cube and an open box just large enough to hold it.
In how many different ways can you fit the cube into the box?



Grammar

Suffixes

A suffix is a group of letters added to the end of a word. Adding -ful or -less changes verbs or nouns into adjectives. Adding -ness or -ment changes adjectives or verbs into nouns. If your word ends in 'y', you might need change this to 'i' before adding the suffix.

word+

-ful

word+

-less

-ment

-less

-ness

-ful

Write the correct form of the word in brackets so that the sentences make sense.

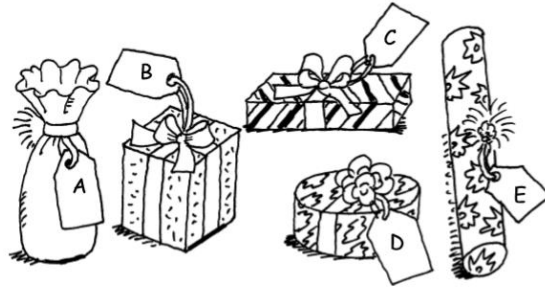
- 1 Banana Boy felt (help) _____ when he was in the n
mouth.
- 2 The little girl was not (fear) _____ of the monkey.
- 3 Shouting for help was (hope) _____.
- 4 Banana Boy felt great (happy) _____ when the mo
him out.
- 5 Banana Boy found no (enjoy) _____ in the monkey
jokes.
- 6 They had to be (care) _____ not to fall off the roof.

Research the history of fair grounds, and present your learning through annotated drawings.

Thursday

Presents

Gurmit paid £21 for five presents.

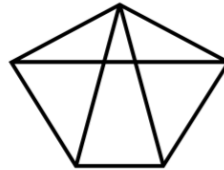


For A and B he paid a total of £6.
For B and C he paid a total of £10.
For C and D he paid a total of £7.
For D and E he paid a total of £9.

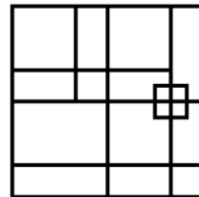
How much did Gurmit pay for each present?

Spot the shapes 2

1. How many triangles can you count?



2. How many squares can you count?



3. Draw your own diagram to count triangles.
Don't use too many lines!
How many triangles can a friend find?
Can you find more?

Prediction

What surprises Banana Boy?

You have three options to choose from:

- A. The pink unicorn says, "Don't worry Banana Boy – I'll save you!"
- B. The monstrous monkey changes into something else.
- C. Mum appears on the roof of the town hall.

Think about the three options. Write a paragraph to discuss each option, explaining which one you find the most interesting.

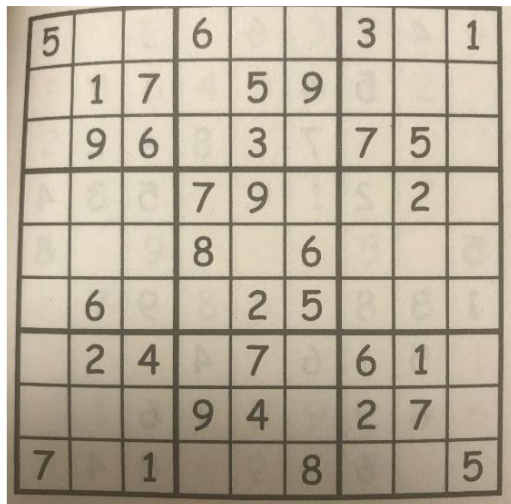
Extra challenge:

Write a list of questions you want answered in the final chapter.

Art - Look at the examples below of fairground art by Fred Fowle, who was probably the most famous fairground artist. Look for the constants in the artworks – think what appears every time in each piece – bright use of colour, appealing, 3D, sense of movement etc. Now create your own piece of art in the style of Fred Fowle, you can use whatever is at hand, paint, pencils or felt pens, your choice.

Friday

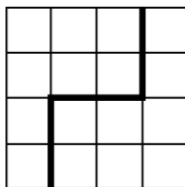
This sudoku is a bit trickier this time – more numbers, rows and columns to navigate.



Four by four

You need some squared paper.

This 4 by 4 grid is divided into two identical parts. Each part has the same area and the same shape.



Find five more ways of dividing the grid into two identical parts by drawing along the lines of the grid. Rotations and reflections do not count as different!

Explore ways of dividing a 4 by 4 grid into two parts with equal areas but different shapes.

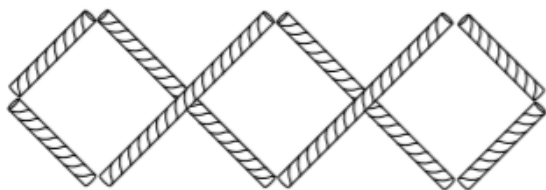
Writing

There is a lot of action in this chapter. Retell the plot in this chapter as a comic strip. Remember to include captions and speech/thought bubbles to help explain the key points.

Next week you will be designing and making a fairground game and ride, so today start planning by thinking what material you will need for this. You might need to start collecting empty boxes, tubes, find sting, etc so thinking caps on.

53 Square it up

For example:



54 Joins

Using four numbers:
the highest score is $19 + 15 + 17 + 18 = 69$,
the lowest score is $6 + 5 + 2 + 17 = 30$.

Using five numbers:
the highest is $20 + 18 + 13 + 17 + 18 = 86$,
the lowest is $6 + 18 + 2 + 5 + 6 = 37$.

Using five numbers and diagonal joins:
the highest is $19 + 17 + 14 + 15 + 18 = 83$,
the lowest is $13 + 6 + 20 + 2 + 6 = 47$.

55 Money bags

Ram put 1p, 2p, 4p and 8p in the four bags.
Any sum from 1p to 15p can be made with these amounts.

56 A perfect match

1. A matchbox tray fits into its outer cover in 4 different ways.
2. A cube will fit into a box with any one of its 6 faces uppermost.

Each face can be rotated into any one of 4 different positions.

So there are $6 \times 4 = 24$ ways of fitting the cube in the box.

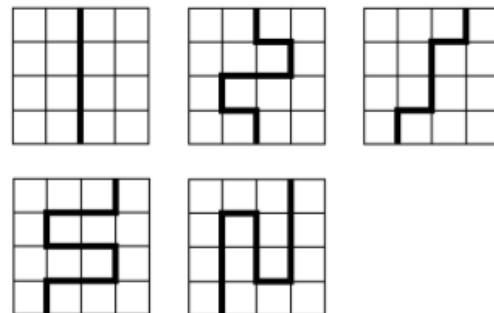
57 Presents

Gurmit paid £2, £4, £6, £1 and £8 for the five presents.

58 Spot the shapes 2

1. There are 11 triangles.
2. There are 17 squares.

59 Four by four



Boat/ship shapes



Image 1

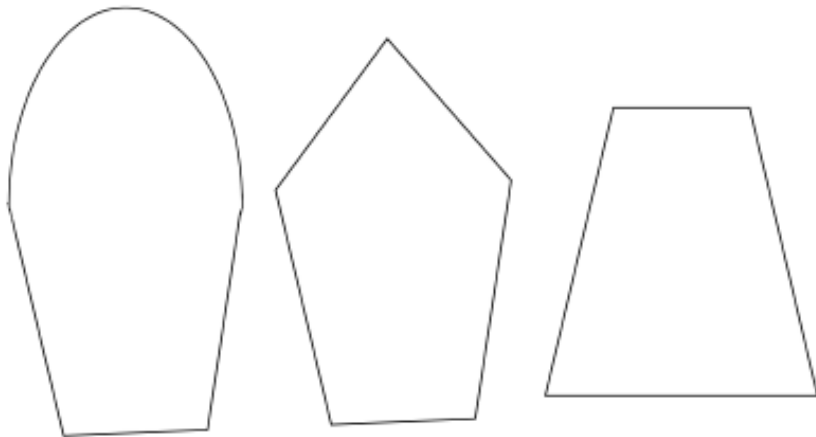


Image 2



Image 3



Image 4