

Home Learning UKS2 Week Beginning: 13th July 2020

Class Blogs

On Purple Mash each class has set up a class blog that will allow the children to share any of the amazing things they are doing at home, from a completed jigsaw puzzle to a fantastic piece of artwork we would love to know what the children are up to. The children can get to the blog by logging on to Purple Mash and then clicking the sharing icon on the top left tool bar then selecting shared blogs and the blog should be listed there. Once you select this your children will be able to post comments and see what others have been doing.

Reminder that the children have access to **TTRS**. This is a good way to develop fluency in maths therefore we would like the children to log on to these at least twice a week if possible.

Class teachers have continued to set work on **Mathletics**. The children can access this in the normal way and this will ensure core maths skills are kept up to date.

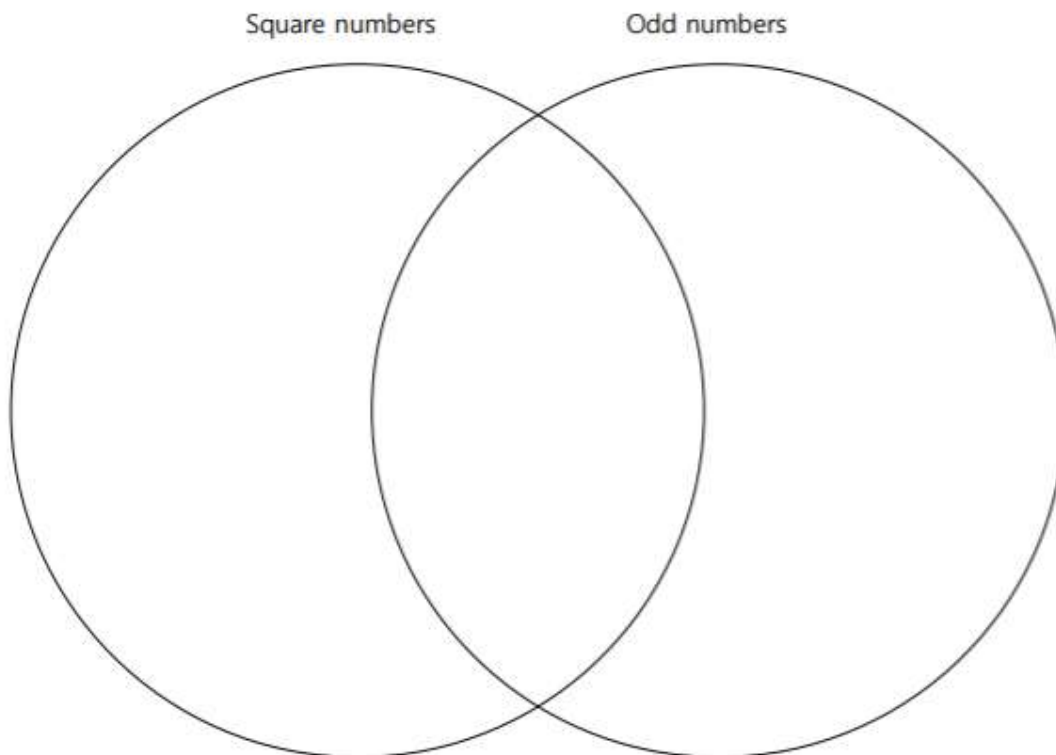
Daily Maths:

This week the children will be required to use and apply their understanding of numbers and place value to solve a selection of problems and investigations. You will find these below:

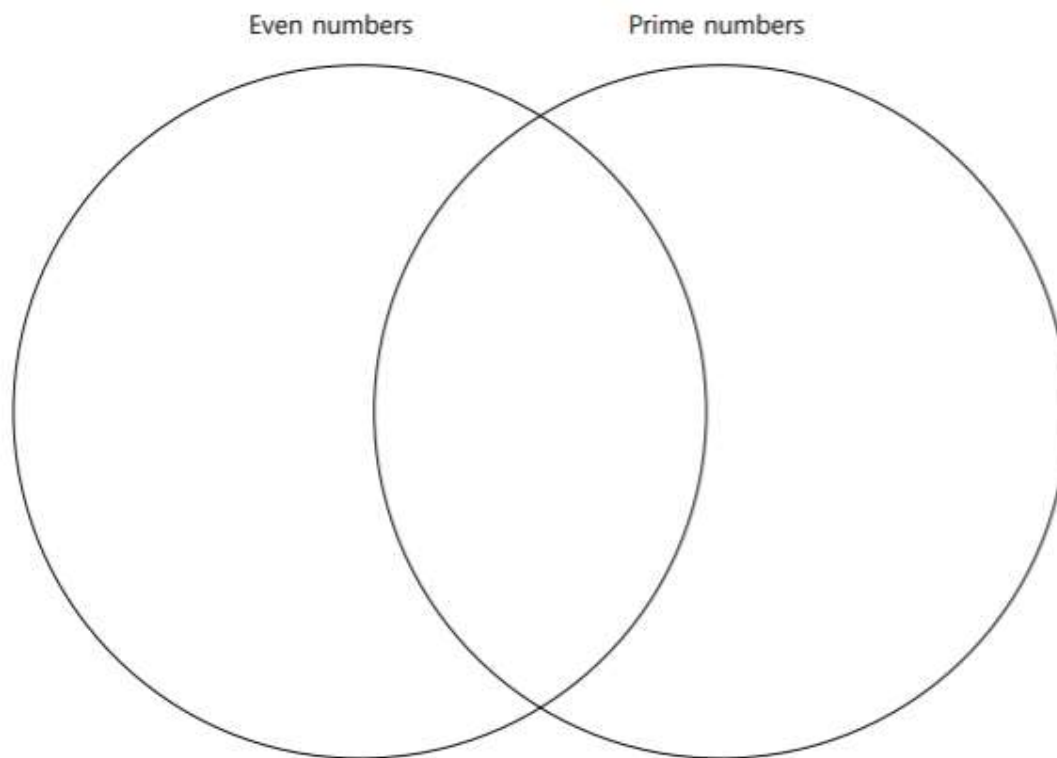
Various Venns

Can you place the numbers from 0 to 51 into this Venn diagram?

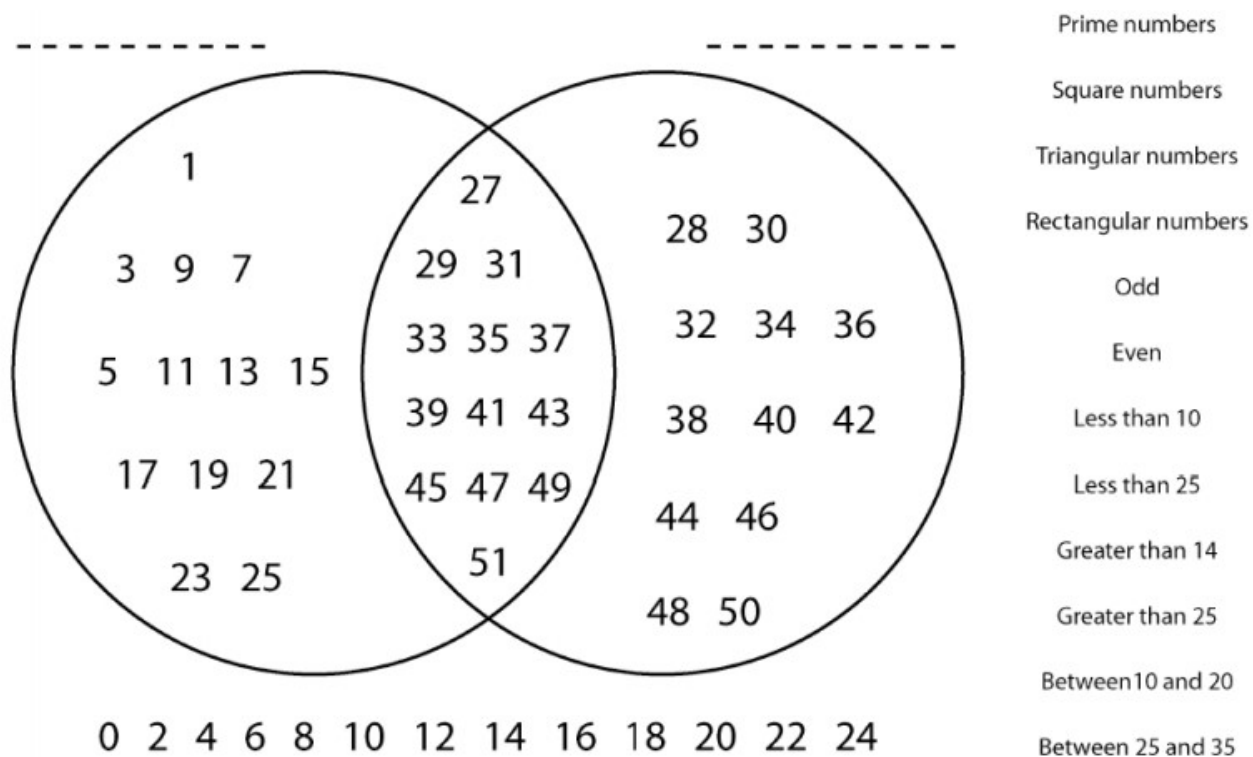
How do you know where to put each number?



Here is another one for you to try:



Choose the right words from the list at the side to write on the dashed lines



How did you know which one to choose? Explain to someone else making sure you justify your choice using mathematical language.

Multiplication Square jigsaw:

Put the puzzle back together to create a multiplication square. See how far you can get without using your reading record to help you!

18	21	
24	28	32
30	35	
36	42	48
40	45	50
		60
		70
		80
	81	90
	90	100

A blank 10x10 grid of graph paper. The grid consists of 10 columns and 10 rows of squares. The entire grid is enclosed within a thick red border. The squares are white with thin black lines separating them.

Which Scripts?

There are six numbers written in five different scripts.

Can you sort out which is which?

Write 51 in each script



Sets of Four Numbers

Miss Brown was working with Becky's group on numbers that share a certain property. She wrote twelve numbers on the board.

2, 3, 4, 5, 7, 9, 10
15, 21, 25, 28, 49

"You can all find a different set of just four numbers that go together," she said, "And they must have a proper mathematical name. They can't be just a set of numbers that you like!"

The children stared at the numbers. Alan put up his hand. "Like odd numbers?" he suggested.

"That's the right idea," said Miss Brown, "but you can't choose just odd numbers because there are more than four of them. You must use all the numbers in my list which fit your set. Anyone else got an idea?"

Becky put her hand up. "Numbers in the 5 times table? There are four of those."

"That's right. But what would be a good name for them?"

"Multiples of 5?" suggested Becky.

"Good," said Miss Brown and she wrote on the board:

2, 3, 4, 5, 7, 9, 10
15, 21, 25, 28, 49
Becky's set is multiples of 5
{5, 10, 15, 25}

There are ten children in Becky's group.

Can you find a set of numbers for each of them?

Are there any other sets?

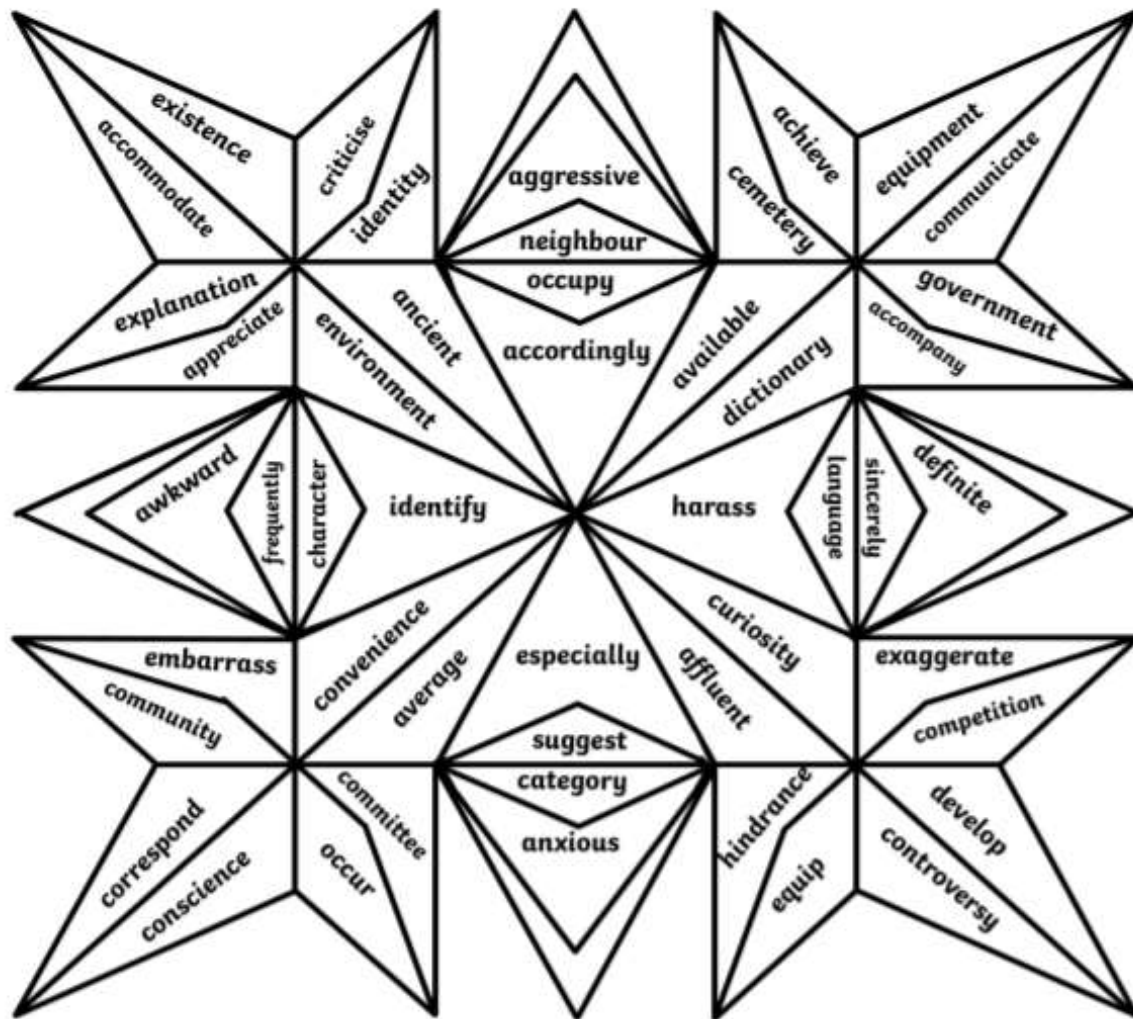
English: This week we will be focussing on the reading and spelling of the words in the Year 5 and 6 word list. The words are listed below:

Read the words to someone at home.

accommodate	conscience	existence	muscle	rhythm
accompany	conscious	explanation	necessary	sacrifice
according	controversy	familiar	neighbour	secretary
achieve	convenience	foreign	nuisance	shoulder
aggressive	correspond	forty	occupy	signature
amateur	criticise	frequently	occur	sincere
ancient	curiosity	government	opportunity	sincerely
apparent	definite	guarantee	parliament	soldier
appreciate	desperate	harass	persuade	stomach
attached	determined	hindrance	physical	sufficient
available	develop	identity	prejudice	suggest
average	dictionary	immediate	privilege	symbol
awkward	disastrous	immediately	profession	system
bargain	embarrass	individual	programme	temperature
bruise	environment	interfere	pronunciation	thorough
category	equip	interrupt	queue	twelfth
cemetery	equipped	language	recognise	variety
committee	equipment	leisure	recommend	vegetable
communicate	especially	lightning	relevant	vehicle
community	exaggerate	marvellous	restaurant	yacht
competition	excellent	mischievous	rhyme	

Below there is a series of activities and challenges to support the children to read and spell the words.

Colour by word class: Read each word and identify if it is a noun, verb, adjective or adverb. If you are unsure, you could use a dictionary or find the word in a sentence to help you.



Verbs = yellow

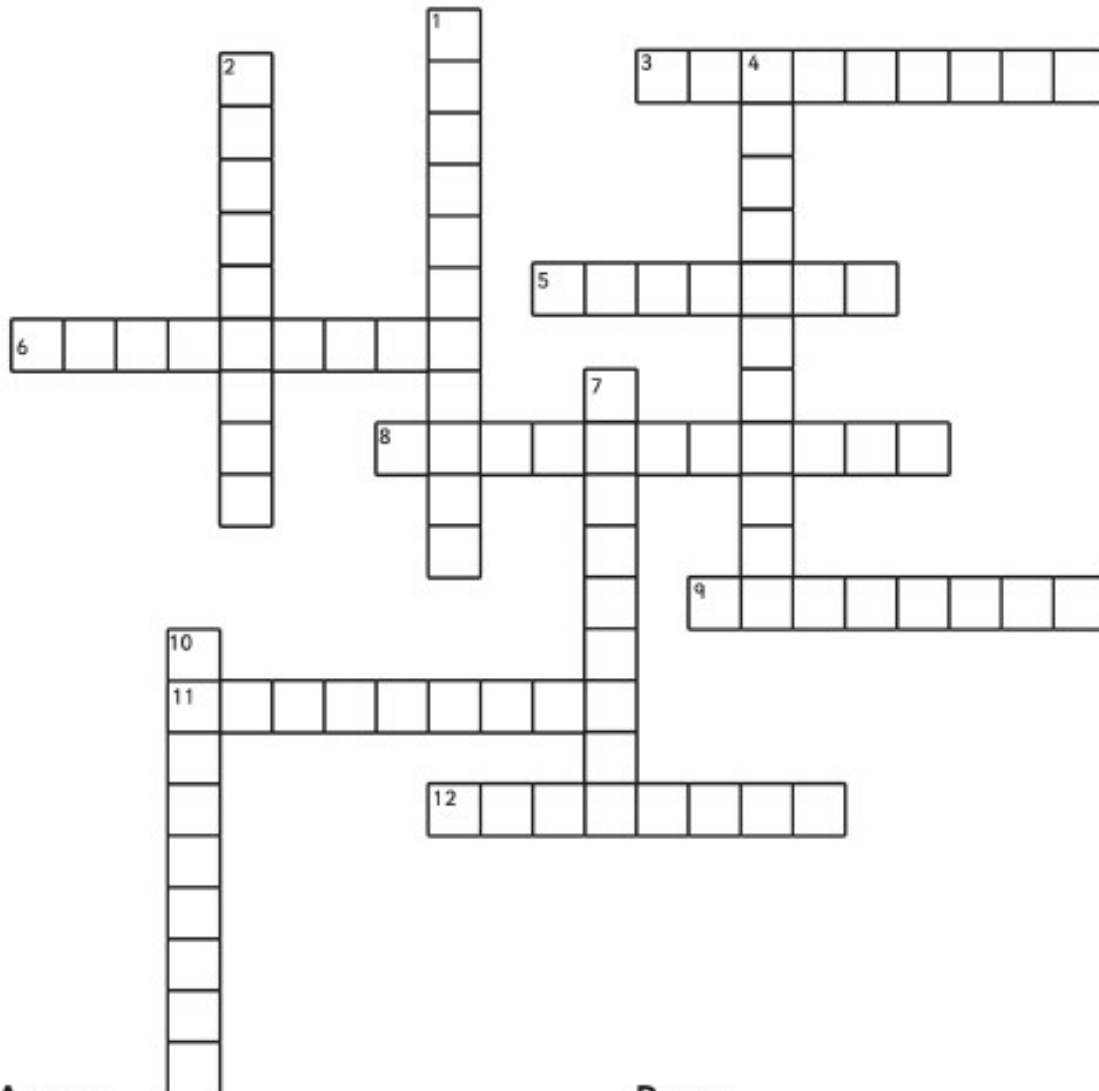
Nouns = blue

Adjectives = purple

Adverbs = green

Crossword:

Spelling List Crossword Tricky Ending



Across

3. Giving up chocolate was a big s_____ for her.
5. The production was very a_____ and needed to be more professional.
6. There was no g_____ that he would get his money back.
8. Her opinion caused c_____ with her peers.
9. Since his father died he has visited the c_____ every week.
11. People debate the e_____ of God.
12. All the books were put into a specific c _____. .

Down

1. The puppy was very m_____.
2. Toby's chatting in class is a h_____ to everyone's learning.
4. The c_____ foods we eat are often bad for us.
7. It was a p_____ to meet you.
10. My n_____ kindly puts my rubbish bin out in the morning.

Challenge: Write a short story, no more than 500 words and try to include as many of the words as you can! It does need to make sense and be accurately punctuated!

Reading all of the reading that your child does is valuable. From reading their reading books to recipe books and non-fiction books and everything in between. Please keep a record of the reading you are doing in your child's reading record.

A reading activity has been set on Purple Mash with linked activities.

PHSE: Unfortunately, we have missed the opportunity for transition morning or afternoon in school. The teachers next year are very excited about meeting you and finding out all about each and every one of you. With this in mind, we would like you to complete the passport to next year activity. The sheet is attached. We would like you to bring these with you to either the end of year sessions in the next couple of week or when you return in September. Year 6 we will pass these to Trinity or you can give them to your form tutor in September.

Science:

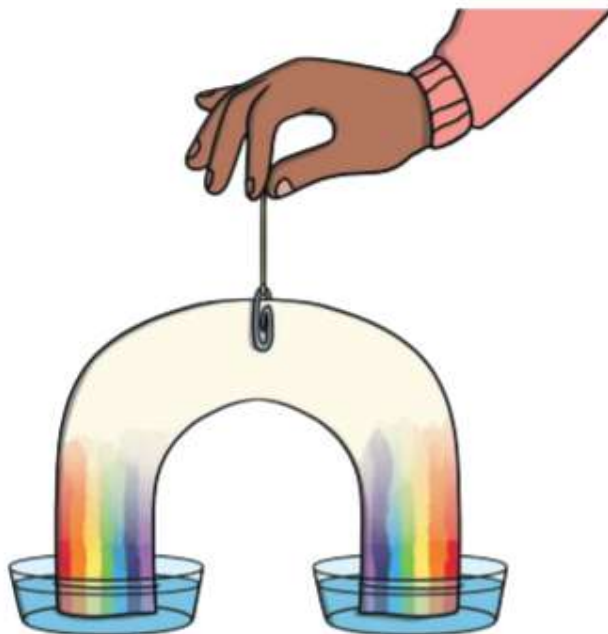
How to Grow a Rainbow Science Experiment

Did you know that you can grow your own rainbow?

You will need a scientific process called the capillary action. This action happens when a liquid moves up through a hollow tube or into a spongy, solid material. It happens when three forces work together: cohesion, adhesion and surface tension.

Water molecules like to stick to each other - this is called cohesion. They also like to stick to solids in a process called adhesion.

In this experiment, you are going to use kitchen roll. The fibres in kitchen roll have lots of little holes. Water is absorbed through the kitchen roll because when the first water molecule adheres to it and begins to move upward, it pulls the next water molecule up with it, like a chain.



Words To Learn:

- capillary action
- adhesion
- cohesion
- absorbed

You will need:

- Kitchen roll/paper towel
- Felt-tip pens
- Two small bowls of water
- Paperclip
- Thread

What to do:

1. Cut the kitchen roll into the shape of a rainbow.
2. At each end, use the felt-tip pens to colour a rainbow about 2cm up from the bottom. Remember the order of the colours: red, orange, yellow, green, blue, indigo, violet.
3. Attach the paperclip to the top of the rainbow and tie a piece of thread to it. This will allow you to hold your rainbow.
4. Add water to the two bowls.
5. Hold the rainbow with both ends slightly submerged into each bowl of water and watch your rainbow grow.

Topic/Art: In South Africa, Ndebele house painting is traditionally done by women. They have always done the painting freehand, without ever using a ruler! Long ago, the women used natural pigments for their paint but today they use more modern paint, but they still often use chicken feathers as paintbrushes just as their ancestors did.

Here are some examples:



Challenge:

Try your hand at a Ndebele house painting. Without using a ruler, sketch a design. Remember that Ndebele art uses a series of geometric patterns and shapes. Use black to outline your design then use bright colours to fill in the design.