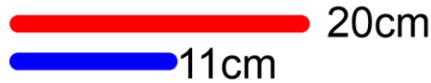
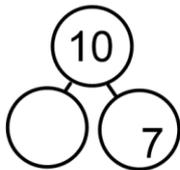


Home learning for w/c 13th July

Maths

During our final week in school we would normally spend a couple of days focusing on 'Year 3 readiness' and then enjoying some maths puzzles and games. Here is a variety of activities and suggestions for our final week.

Ready for Year 3? Are you secure with your number bonds for 10, 20 and 100? Have a go with these:



What is the difference in length between the red and blue line?

How much change will I get from £1 if I buy an apple for 60p?

If you are wobbly, practise your bonds using 'Hit the Button' on TopMarks or 'Funky Mummy' on ICT Games

Are you fluent with your 2,5 and 10 times tables? Try these:

Write these addition expressions as multiplication expressions. The first one has been completed for you.

$$5+5+5+5+5=5\times 5$$

$$2+2+2+2+2=$$

$$2+2+2=$$

$$10+10+10=$$

The pictogram shows how many socks each child has. How many socks does Asif have?



There are 7 year-groups in Winterdale School. Each year-group has 2 classes. How many classes are in the school?

Sally buys 3 cinema tickets. Each ticket costs £5. How much does Sally spend? Write the multiplication expression and calculate the cost.

Fill in the missing numbers.

$$\square \times 5 = 30$$

$$50 \div 10 = \square$$

$$2 \times \square = 14$$

If you are wobbly, use the summer to know those tables: back to front, inside out and upside down! Use practise books, online games, singing songs and chanting. There is a pack of 'Colour by Multiplication' sheets on the website.

Can you add and subtract 2 small numbers quickly and efficiently? (the ability to do this is used in a wide range of strategies)

These are the 66 addition facts that are key to fluency:

+	0	1	2	3	4	5	6	7	8	9	10
0	0+0	0+1	0+2	0+3	0+4	0+5	0+6	0+7	0+8	0+9	0+10
1	1+0	1+1	1+2	1+3	1+4	1+5	1+6	1+7	1+8	1+9	
2	2+0	2+1	2+2	2+3	2+4	2+5	2+6	2+7	2+8		
3	3+0	3+1	3+2	3+3	3+4	3+5	3+6	3+7			
4	4+0	4+1	4+2	4+3	4+4	4+5	4+6				
5	5+0	5+1	5+2	5+3	5+4	5+5					
6	6+0	6+1	6+2	6+3	6+4						
7	7+0	7+1	7+2	7+3							
8	8+0	8+1	8+2								
9	9+0	9+1									
10	10+0										

Keep a hold of this, use it to practise. Can you say them out loud? Can you print a copy for each day for a week and try and get better? Do you know the corresponding subtraction fact? Think about your Fact Families – If I know $8+1=9$ I also know $9-1=8$ and $9-8=1$.

If you are wobbly, The Train game on TopMarks will help you train your brain.

<https://www.topmarks.co.uk/maths-games/mental-maths-train>

If you want to practise Fact Families, this is a good game:

<https://www.topmarks.co.uk/number-facts/number-fact-families>

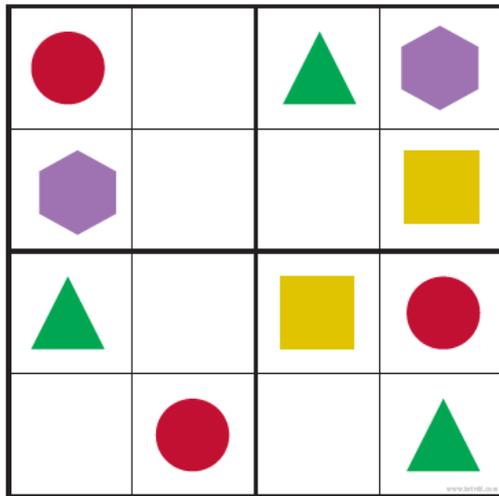
If you want to do more to get ready for Year 3:

- Make sure you can skip count in 3's forwards and backwards to 40.
- You can start to think about your 3 and 4 times tables (but only if you're secure with 2,5 and 10)

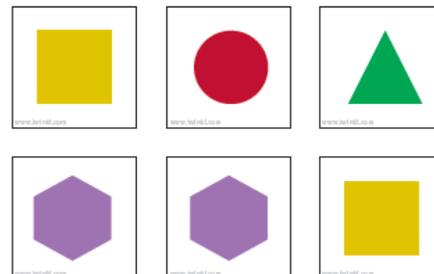
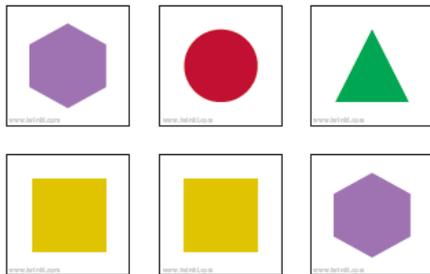
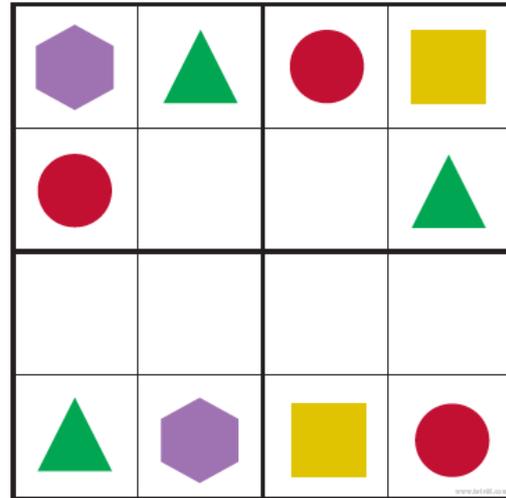
Puzzles such as Sudoku are brilliant for keeping a maths brain warmed up.

Some have numbers and some have pictures. Have a go with these shape ones.

2D Shape Sudoku



2D Shape Sudoku



These ones have more boxes to think about:

Sudoku 4 x 4 Puzzles

Each row and column contains all the digits 1 to 4.

4			3
3	1		
2			1
		2	

	1		2
2		1	4
1	4	2	
	2		

Emoji Code Breaking

									
5	2	7	3	4	9	6	8	0	1

$$\text{Smiling face with closed mouth} + \text{Smiling face with heart eyes} + \text{Frowning face with sweat drop} + \text{Mouse} = 97$$

- $$\text{Smiling face with open mouth} + \text{Mouse} + \text{Smiling face with heart eyes} + \text{Sad face} =$$
- $$\text{Woman with pink hair} + \text{Thinking face} - \text{Smiling face with closed mouth} - \text{Frowning face with sweat drop} =$$
- $$\text{Cat} + \text{Smiling face with heart eyes} - \text{Blue face with teeth} - \text{Frowning face with sweat drop} =$$
- $$\text{Smiling face with heart eyes} + \text{Smiling face with closed mouth} + \text{Sad face} + \text{Woman with pink hair} =$$
- $$\text{Mouse} + \text{Smiling face with open mouth} + \text{Mouse} + \text{Thinking face} =$$

The Mystery of the Missing Moji

This activity pack is available on the website. Use a range of Year 2 maths skills to unlock the Mystery and discover the missing Moji.

Mystery at Dragonspire Castle Maths Game

This activity pack is available on the website. Use a range of Year 2 maths skills to solve the mystery.

If anyone would like these Mystery packs printing off please can you let us know by Tuesday 14th so we can do them in time for the Picnic day.

Ask Mrs Fisher: class2@hartsfield.herts.sch.uk

Mrs Nelson: class1@hartsfield.herts.sch.uk

For **English** this week, we would like you to fill in this sheet for your new teacher. You can either email it to us and we will pass it on or email it directly to your new class. You can print it out if you would like to hand write it and draw pictures, then email a photograph of it.

Mrs Redfern class7@hartsfield.herts.sch.uk

Mrs Ward class8@hartsfield.herts.sch.uk

What is your name? Where do you live? Who is in your family? Do you have any pets?

What are you really good at? What would you like to get better at?

What else would you like your new teacher to know about you?

Cross Curricular Activity

This is our final week. You have learnt so much about famous people in English, history and science so this is your opportunity to find out about a famous person of your choice. It must be someone who has achieved something great, invented something or maybe an explorer. They can either be still alive or they may have lived in the past.

Here are some ideas for you; of course, you may choose your own.

Explorers –

Christopher Columbus

Neil Armstrong

Artists –

L.S. Lowry

Jacob Lawrence

Monarchs –

Queen Elizabeth 1st

Henry 8th

Athletes –

Usain Bolt

Ellie Simmonds

Communicators –

Tim Berners-Lee

William Caxton

Activists –

Rosa Parks

Malala Yousafsai