

Maths activities

Week beginning 22/06/20

As well as these you can also do the Week 9 daily activities in Purple Mash, practise your times tables on TT Rockstars and complete daily lessons on My Maths. You can still use revision guides and Monster SATs.

<u>Monday 22nd</u>	<u>Challenge activities</u>
<p>Complete the Arithmetic test 3. It has been sent along with this document.</p> <p>We have also included the mark scheme so that you can mark the test after you have finished.</p>	<p>Practise the questions that you answered incorrectly.</p>

<u>Tuesday 23rd</u>	<u>Challenge activities</u>
<p>Is the following statement: Always true? Sometimes true? Never true?</p> <p>"The sum of four even numbers is divisible by four"</p> <p>Show five examples that prove your theory.</p>	<p>Can you explain why the statement is always true, sometimes true or never true?</p>

Wednesday 24th



Challenge activities

Look out of your window or go for a (socially distanced) walk.
Record the colours of 100 cars in a tally chart.

Remember 5 = 

Car Colour Survey

Make a tally chart to show the different car colours you see driving past.

Colour	Tally	Total
Red 		
Blue 		
Green 		
Yellow 		
Black 		
White 		
Silver 		
Brown 		
Purple 		
Orange 		
Pink 		

Convert your tally chart into a bar chart.

Write questions that can be answered by using your bar chart.

Most popular, least popular? How many more... How many fewer?

Can you ask about fractions or percentages?

Thursday 25th

Challenge activities

Draw a picture to help you solve this riddle

RIDDLE

In a bicycle race, the man who came two places in front of the last man finished one ahead of the man who came fifth. How many contestants were there?

brainzilla.com/riddles

Explore this maths riddle

RIDDLE

Four years ago, Alex was twice as old as Jake. Four years from now, Jake will be $\frac{3}{4}$ of Alex's age. How old is Alex?

brainzilla.com/riddles

Can you solve the problem using a bar model? If not, can you put some dates in and some numbers for the ages and come to an answer that way (trial and improvement)?

<u>Friday 26th</u>	<u>Challenge activities</u>
<p>Complete the Arithmetic test 4. It has been sent along with this document.</p> <p>We have also included the mark scheme so that you can mark the test after you have finished.</p>	<p>Practise the questions that you answered incorrectly.</p>

Email Mr Marsh or Miss Boulter if you have any questions or want to send work.

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