Maths activities Week beginning 08/06/20

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.

Monday 8th	Challenge activities
Complete the Arithmetic test 1. It has been sent along with this document. We have also included the mark scheme so that you can mark the test after you have finished.	Practise the questions that you answered incorrectly.

Tuesday 9th	Challenge activities
Is the following statement: Always true? Sometimes true? Never true? The sum of three consecutive numbers is divisible by 3. (consecutive numbers are one after the other) Show five examples that prove your theory.	Can you explain why the statement is always true, sometimes true or never true?

<table>
<tr><th><u>Wednesday 10th</u></th><th><u>Challenge activities</u></th></tr>
<tr><td>Play Maths Bingo!

Separate a piece of paper into 8 rectangles. Put a times table fact in each box. The times table fact can be anywhere between 1x1 and 12x12.

Eg.

<table><tr><td>16</td><td>36</td><td>64</td><td>8</td></tr><tr><td>25</td><td>144</td><td>33</td><td>21</td></tr></table>
Get somebody else to randomly call out questions.
“5x6”, “8x4”, “2x7”…
Tick off the fact if the answer matches the question.</td><td>Design your own maths game that uses times table facts.</td></tr>
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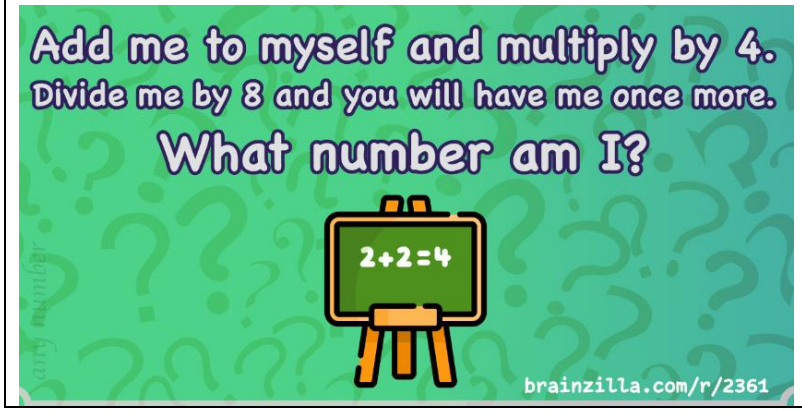
Email Mr Marsh or Miss Boulter if you have any questions or want to send work.

6o@sparkenhoe.leicester.sch.uk 6h@sparkenhoe.leicester.sch.uk

Thursday 11th	Challenge activities
What lovely weather we've been having! Can you draw a line graph showing the temperatures over the next 14 days? You could use BBC weather for this, which you can either find as an app or online. 	Look at rainfall over the period. Draw a separate line graph for rainfall. Compare the two line graphs. What are the similarities? Differences? Can you draw any conclusions about a link being temperature and rainfall?

Friday 12th	Challenge activities
Explore this maths riddle 	Explain using mathematical vocabulary and reasoning what you have discovered. Can you use pictures or algebra to help your explanation?