

Years 5 & 6

Summer Maths Challenge



Play your favourite game with your family and see who scores the most points.



Choose your favourite meal and work out the cost of buying the ingredients for it per person.



Go on an angle hunt in your house or garden. How many right, acute and obtuse angles can you find?



Time – what can you do in 1 minute?



With an adult choose a recipe to follow. Can you weigh all of the ingredients?



Choose some games from the following website to play.

<https://www.topmarks.co.uk/maths-games/7-11-years/ordering-and-sequencing>



How long does it take you to run a mile? Can you beat your previous time?



Use Times Tables Rockstars to practise your multiplication and division facts. Can you help your class to win a battle?



Can you count forwards and backwards in quarters using fractions, decimals and percentages?
0.25, 0.5, 0.75, 1...
25%, 50%, 75%, 1...
 $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1 ...



Record how many pages of a book you read each day for a week. Can you find the mean number (average)? Remember to add all the numbers together then divide them by the number of days you read.



Measure the height of different people in your family. Can you show this information in a bar chart or a line graph?



During the holidays, record when and where you see 4, 5 or 6 digit numbers.



Use items in your house (for example spaghetti) to make Roman Numerals.



How many objects in your house can you find with perpendicular or parallel lines?



Make some different paper airplanes. How far can they travel? Record the results in a table.



Invent your own maths game and play it with your family.

