

Fun Activities to Try At Home:

- ⇒ Choose two digits from a registration plate and make the smallest and largest number you can, each with one decimal place. For example, 4.5 and 5.4. Find the difference between the two numbers. Whoever makes the biggest difference, scores 10 points. The person with the most points wins.
- ⇒ Choose a number between 0 and 1, e.g., 0.7. Challenge your child to guess your number, by asking mathematical questions. You may only answer 'Yes' or 'No'. Extend the game by choosing a number between 0 and 10 (to 1 or 2 decimal places).
- ⇒ Roll a dice six times. Use the six numbers to make 2 three-digit numbers. Add the two numbers together. How close to 1000 can you get?
- ⇒ Play mini bingo games with all the times tables to 12.
- ⇒ Use different-sized adverts in a newspaper to calculate the perimeter and areas.
- ⇒ Take turns to roll a dice twice. Fill in the missing numbers in a subtraction sentence you have written: $400_ - 399_ =$ For example $4002 - 3994$. Count on from the smallest number to the biggest number and calculate the difference. (In this sum, the difference is 8, so 8 points are scored). The winner is the first to reach 50.
- ⇒ You need a 1-100 board (Snakes and Ladders board is fine), a dice and 20 counters. Take turns to choose a two-digit number. Roll the dice (if you roll 1, roll again) and if the two-digit number can be divided equally by the dice number, put a counter on the two-digit number on the board. The first to get 10 counters wins the game.

A Booklet for Parents

Help your child to achieve an excellent understanding of Mathematics:

Year 5



Together we care, inspire
and achieve excellence

Year 5 Skills and Expectations

Here is a selection of skills and knowledge expectations which you could practise at home with your child:

- ✓ Read, write, order and compare numbers to a million. To say the value to each digit.
- ✓ Count forwards or backwards in multiples of 10, 100, 1000, 10 000 etc from any given number up to 1,000,000.
- ✓ Interpret negative numbers in the context of temperature.—
find differences between values and calculate increases and decreases.
- ✓ Count backwards and forwards with positive and negative numbers.
- ✓ Round numbers (up to 1,000,000) to the nearest 10, 100, 1000, 10 000 and 100 000.
- ✓ Multiply numbers up to four-digits by a one– or two–digit number, using mental and written methods.
- ✓ Divide numbers up to four-digits by a one-digit number using a formal written method.
- ✓ Multiply and divide whole numbers and decimals by 10, 100 and 1000.
- ✓ Round decimals with two decimal places to the nearest whole number and to 1 decimal place.
- ✓ Read, write, order and compare decimals with up to three decimal places.
- ✓ Convert between different units of metric measurement,
e.g. kilometres and metres, hours and minutes, centimetres and metres, grams and kilograms, litres and millilitres.
- ✓ Read and interpret information in timetables.

Using Maths in everyday life with your child

Here are some suggestions of how you can support your child's learning in maths in day-to-day life:

- While out shopping, if you see any items labelled for example '3 for £2.50', ask your child to work out the cost of 1 item and ask him/her to explain the method(s) used.
- Calculate the cost of stamps for 4 letters. Work out the difference in price between first and second-class stamps.
- When shopping, point out an item costing less than £1.00. Ask your child to calculate the cost of 3 items.
- Encourage your child to wear an analogue watch.
- Ask time-related questions throughout the day - ask the current time, what will the time be in 2 hours, how long is a TV programme on for/what time it will finish etc.
- Bake a cake, weighing the ingredients carefully.
- Investigate the most common colour car. Use a tally chart to collect data and then collate and present results.
- Play a family game of darts. Encourage your child to be in charge of scoring.
- Make estimations of e.g. number of sweets in a jar.
- Keep a log of petrol stations over several weeks at different garages. Identify any increases or decreases in prices.
- Watch a some motor sports and discuss the time and distance.
- Keep a scrapbook of favourite sport stars and collect any statistical data about them. Compare players and teams mathematically.