

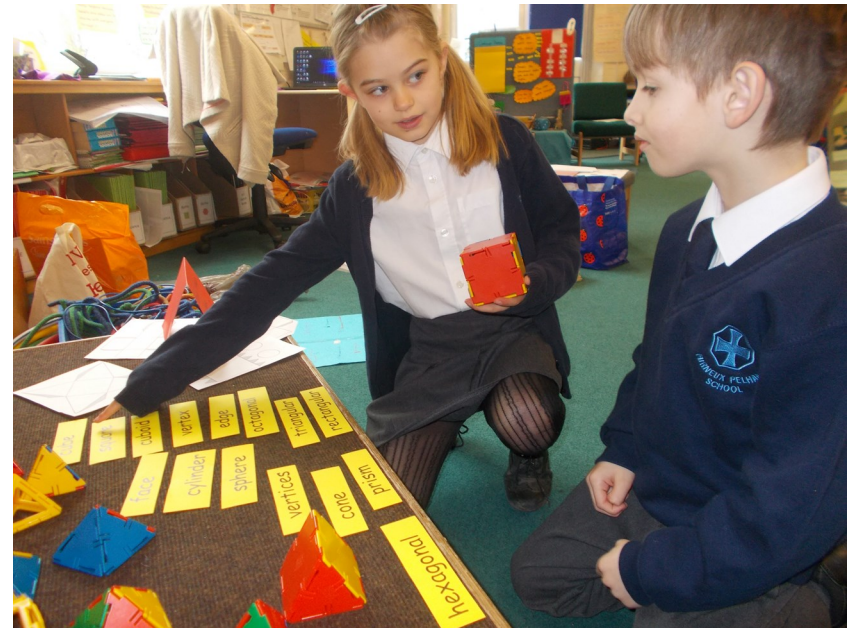
Fun Activities to Try At Home:

- ⇒ Roll two dice to make two-digit numbers then try: counting on or back in tens, add 19, subtract 9 - how low/high can you go?
- ⇒ Play mini bingo games using 3, 6, 4 and 8x multiplication table facts.
- ⇒ Have a family aeroplane contest. Who can throw their plane the furthest? Measure to check.
- ⇒ Use family ages to make up number statements. For example: "My dad is the eldest in my family." "My mum is 4 years younger than my dad."
- ⇒ Have a skipping competition. Who can skip for the longest time? How long did you skip for? Can you beat your score?
- ⇒ Make up your own Snakes and Ladders game using numbers to 1000.
- ⇒ Each of you is to draw 6 circles in a row. Take turns to roll two dice to make a two-digit number. Write the number in one of your circles. Once you have written your number in a circle, you cannot move or change it. The first to get all six of their circle numbers in order wins. Extend by using 3 dice to make three-digit numbers.

A Booklet for Parents

Help your child to achieve an excellent understanding of Mathematics:

Year 3



Together we care, inspire
and achieve excellence

Year 3 Skills and Expectations

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

- ✓ Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than numbers up to 1000.
- ✓ Recognise the place value of each digit in a three-digit number. (Hundreds, Tens and Ones)
- ✓ Read and write numbers up to 1000 in numerals and words.
- ✓ Add and subtract numbers mentally, including: a three-digit number and ones, a three-digit number and tens, a three-digit number and hundreds.
- ✓ Know multiplication and division facts for 3, 4, 8 times tables.
- ✓ Count up and down in tenths.
- ✓ Experience measuring length (m, cm, mm) mass (g, kg) and capacity (l, ml). Know that there are 10mm in one cm.
- ✓ Add and subtract amounts of money including giving change from up to £10.00.
- ✓ Tell the time using analogue time including use of Roman numerals and 12- and 24-hour clocks.
- ✓ Know the number of seconds in a minute and the number of days in each month, year and leap year.

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:

- Whenever possible, ask your child to tell you the time to the nearest 5 minutes. Use a clock with hands as well as a digital watch or clock. Ask what time it will be one hour from now/one hour ago.
- Time how long it takes to carry out different activities.
- Carry out different aerobic-type exercises - predicting how many can be carried out in a set time. Carry out exercise and compare. Can your child beat his/her time?
- Use scales to weigh different ingredients when cooking.
- Use shopping receipts to identify the most expensive, cheapest items. Round items to the nearest pound.
- When eating pizza, generate and answer questions linked to fractions - eg. 'If I eat $\frac{2}{6}$, you eat $\frac{3}{6}$, how much is left over?'
- Use a TV guide to plan family viewing. Work out the longest/shortest programme.
- Read bus/train timetables together.
- Buy several items in a shop. Work out the total price and the coins needed. Extend by working out the change if a note is used.
- Use fractions to discuss proportions when sharing chocolate, sweets, cutting pizzas and cakes.