

Support your child in using their mathematical skills in everyday 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 up pizzas and cakes.

Year Three Maths



Number Targets

A booklet for parents
Help your child with mathematics

YEAR THREE EXPECTATIONS

By the end of year three all children are expected to have the skills and knowledge to complete the following mathematical tasks.

- ✓ Compare and order numbers to 1000 and read and write numbers in numerals and words.
- ✓ Find 10 or 100 more or less than a given number.
- ✓ Count from 0 in multiples of 4, 8, 50 and 100.
- ✓ Recognise the value of each digit in a 3-digit number.
- ✓ Understand and count in tenths and find the fractional value of a given set.
- ✓ Add and subtract fractions with a common denominator.
- ✓ Derive and recall multiplication facts for 3, 4 and 8x multiplication tables.
- ✓ Add and subtract mentally combinations of 1-digit and 2-digit numbers.
- ✓ Add and subtract numbers with up to 3 digits using formal written methods.
- ✓ Write and calculate mathematical statements for multiplication and division; including 2-digit number with a 1-digit number (from multiplication tables they know – ie 2, 3, 4 ...).
- ✓ Solve number problems (including missing number problems) using one and two-step operations.
- ✓ Estimate the answer to a calculation and use the inverse to check answers.

FUN ACTIVITIES TO DO AT HOME

- Try the following activities after rolling two dice to make two-digit numbers: count on or back in tens, add 19, subtract 9 – how low/high can you go?
- Play mini bingo games using 3, 4 and 8x multiplication tables.
- Have a family paper 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 the longest? 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.