



Crestwood Park Primary School

Year 6

**Helping your child
with maths**



At Crestwood Park we aim to develop children's fluency in mathematics and develop their ability to solve problems and reason mathematically. We also aim to develop their awareness of the uses of mathematics in the world beyond the classroom. Children should learn that mathematics will frequently help them to solve problems they meet in every day life .

As parents your role in helping them to enjoy and develop confidence in maths is of utmost importance.

Enjoy maths with your child and help them become confident mathematicians

Things to Remember:

- Some adults lack confidence in maths. If you feel anxious or worried about maths, your child will soon pick this up and worry about maths too!
- Doing maths little and often is more beneficial than a page of sums once a week!
- Doing maths when you are going about your daily life demonstrates to children that maths is used every day.
- Get your child involved in maths. Ask them to work out simple costs. Can they work out the new cost if there is 20% off? Which is cheaper to buy in the supermarket, the multi pack or individual packs on special offer?

- Use negative numbers in context, and calculate intervals across 0.
- Divide numbers up to 4 digits by a two digit whole number using long division.
- Use common factors to simplify fractions.
- Compare and order fractions.
- Add and subtract fractions with different denominators.
- Multiply simple pairs of proper fractions.
- Divide proper fractions by whole numbers.
- Calculate decimal fraction equivalents.
- Solve problems including the calculations of percentages.
- Multiply a one digit number with up to two decimal places with a whole number.
- Solve problems involving similar shapes where the scale factor can be found.
- Solve problems involving unequal grouping and sharing using knowledge of fractions and decimals.
- Use simple formulae and express missing number problems algebraically.
- Generate and describe linear number sequences.
- Convert between miles and kilometres and other standard units.
- Calculate the area of triangles and Parallelograms.
- Calculate volumes of cubes and cuboids.
- Find angles in triangles, quadrilaterals and regular polygons.
- Calculate the mean as an average.
- Interpret and construct pie charts and line graphs.
- Draw and translate simple shapes and reflect them in axes.

- Get your child involved in daily maths at home. Can they use the scales to weigh some ingredients? Get them using tape measures and help work out simple DIY problems around the home.
- Telling the time is an area that lots of children struggle with. Ask your child to read the time. It is important for children to be able to read both analogue and digital clocks. If you are going out for the day, ask them to read timetables and work out time differences.
- Practise timetables regularly. Focusing on one times table at a time. Break down each times table into manageable chunks. Work out pairs of tables.
- Be inventive, make maths into a game. Add up all the digits on a number plate. Play card games with playing cards.
- Encourage your child to log on to Sum Dog and play some maths games.
- Above all have fun with numbers and don't make the maths initially too challenging or you may put your child off!
- Refer to the maths objectives from the National Curriculum, on the back of this leaflet for guidance of the sort of maths activities your child will be doing at school.
- Remember every child is an individual - try not to compare your child's progress with other children or with brothers and sisters.
- Above all- be positive! Give lots of praise. Let them know it's alright to sometimes get the answer wrong!