



# Our Curriculum Maths

Being numerate is a crucial life skill. At Sebert Wood, we want all children to have opportunities which enable them to become competent and confident in applying number, space and shape and data-handling to their everyday lives.

This means providing a supportive environment where children feel at ease to experiment with ideas alongside a stimulating environment which enables children to seek and embrace challenge in order to gain a deeper understanding of mathematics.

In order that children can embed the skills they learn within the classroom and apply them to real-life situations, we provide opportunities for children to use practical equipment and ICT. We recognise the value of children learning from each other and encourage discussion to further understanding of key concepts.

## **How can parents help?**

Parents often like to help their children but are reluctant to do so because their child does not appear to be doing the mathematics in the same way as they did at school. Consequently, they feel they may tell their child something which is incorrect. Sebert Wood school has an open-door policy where any member of the teaching staff would be happy to discuss any mathematical idea with any parent.

Here is a copy of our Calculation strategy which outlines the steps your child will take when learning the four mathematical operations. The strategy is currently under review and will be updated for the Autumn of 2014 to reflect changes in line with the new National Curriculum.

Other ways in which parents can help their children with mathematics are;

Counting; stairs, gateposts, grapes, etc

Times tables; 5 minutes on the way to school every day

Money; counting totals, giving and receiving change

Cooking; estimating and measuring

Board games

Model-making; measuring and ratio; use of vocabulary involving position and direction

Bead-stringing, hammerbeads; pattern

Map-reading; explain directions

Time; read the time, explain how long it takes from A to B; read calendars, time tables.

Here are some useful websites

Early Years

<http://www.earlylearninghq.org.uk/numeracy/>

<http://www.crickweb.co.uk/Early-Years.html>

Key Stage One

<http://www.crickweb.co.uk/ks1numeracy.html>

<http://www.ictgames.com/>

<http://www.bbc.co.uk/schools/numbertime/>

Key Stage Two

<http://www.bbc.co.uk/bitesize/ks2/maths/>

<http://resources.woodlands-junior.kent.sch.uk/maths/index.html>

<http://www.mathszone.co.uk/>

In addition, the school (Reception to Year Four) subscribe to Mathletics ([www.mathletics.co.uk](http://www.mathletics.co.uk)), a world-leading, e-learning resource which pupils are able to access from laptops and iPads or tablets at home. The program is aligned to the curriculum and enables pupils to practise their mathematics skills through highly engaging on-line and off-line fluency activities. Each child has been given a username and password so see your child's teacher if you haven't got this.