

Maths Websites and Apps to aid Home Learning from Reception-Year 6

Q: 'Maths is taught differently to when I was in school – how do I make sure I show my child the same methods as they're being taught in school?'

A: Look on the Heron Hill website front page, select 'General Information' from the toolbar, scroll down to 'School Policies' and you'll access our **Maths Calculation Methods** document that explains our approaches to teaching addition, subtraction, multiplication and division. This will be very useful for helping your child with their maths at home.



Have fun whilst learning maths! Here are some maths websites and apps to help children from Reception to Year 6 with embedding number facts and key concepts in mathematics.

Maths Websites:

BBC Bitesize: go to 'Learning Zone' on our Heron Hill website and click on the Bitesize link. Lots of fun number games for KS1 and KS2 children to enjoy whilst securing essential number skills.

nrich.com/math problems – a wide range of real life maths games and puzzles for deepening mathematical thinking and building problem solving and reasoning skills. Different levels of challenge. Answers and solutions are helpfully given. Click on the link on our school website under 'Learning Zone' to take you straight to this great website. Highly recommended.

Hit the Button – excellent for building recall of children's basic number skills. The children love this site!

TimesTablesMe.co.uk – online tables tests, questions and quizzes and printable booklets to build mental recall.

coolmath4kids.com - games to play age 4 upwards, often updated with new, fun activities.

www.counton.org has lots of ideas and games to play.

mathszone.co.uk - games for children aged 5 to 11, arranged according to objectives for all strands of maths.

coxhoe.durham.sch.uk/curriculum/numeracy - Hundreds of games for all areas of maths for children of all ages.

primaryresources.co.uk – resources and games to support children to develop their mental maths skills, plus *hundreds* of fun games to support learning in the mathematical areas of: Place Value, Number and Calculations, Fractions, Decimals, Percentages, Solving Problems, Measures, Shape, Position and Direction (Geometry) and Handling Data (Statistics).

Uk.ixl.com/math – a wide range of maths tasks, games and activities organised by year group.

woodlands-junior.kent.sch.uk/Maths Zone - lots of fun online interactive activities to help with improving mental maths skills: aimed at 7 -11 year olds.

Mathletics.co.uk – the main maths website our children use in school from Y4-Y6. Challenge people from around the world to develop pace and mental recall of number facts. Your child will be an expert in no time! Click on the link on our website.

arithmetic.zetamac.com - Great for practising mental maths recall.

www.topmarks.co.uk/maths-games/hit-the-button - a great website for maths games and activities; we particularly recommend the ‘Hit the Button’ game for securing multiplication tables and number facts – the children love it!

Mathsframe.co.uk – maths games designed and created by teachers for KS2 pupils.

mathplayground.com Maths games, Problem solving and logic games and puzzles the entire family will enjoy.

Studymaths.co.uk - Recommended for Year 6 and older children:

Corbett maths (Primary) – helpful videos on all strands of maths to use for revision and consolidation, 5 a day practice arithmetic and lots more.

Maths Apps:

MeteorMath - Mental maths calculations. Choose the operation or ‘survival’ mode with all 4. Gets progressively more difficult but cannot set difficulty at the start. Free app.

King of Maths - Mental maths calculations. Create a character and log in to progress through levels. All 4 operations gets progressively harder. Free initial app (addition and subtraction) then pay for new levels.

Hungry Fish - Feed the fish with pairs of numbers. Select the level of difficulty. Free initial app (addition) then pay for new levels. Pause it to change difficulty level.

Geoboard - A digital version of the ‘traditional’ classroom resource. Great for lines of symmetry, reflections and shape work.

Subtraction - Robot themed game for practicing subtraction. Practice or Test modes. Great for number bonds to 10, 20, 50 and 100. Lots of options including multiple choice, range of questions and number of questions in a level.

Tables - As above but multiplication. Lots of options and excellent for targeting the ones children need to practice.

Fractions - American – ‘Fourths’ not quarters! Good for numerator and denominator, equivalents, improper and mixed numbers, Adding and multiplying. Nice and visual.

Springbird - Basic addition and subtraction. Aimed at KS1.

Educreations - Digital whiteboard that records explanations for playback– sounds and writing/images. Great for getting children to explain methods. Takes a short while to get your head around but children find it easy!

Motion Math - Excellent 'tilt screen' app for fractions, decimals and percentages. Other good motion maths games are available.

Maths Rocks – catchy songs from the likes of Pharrell, Pink and Lady Gaga that make learning multiplication tables easy. Play the free version (without the words) or pay £9.99 for the app.

And finally...

Remember our mantra: Everyone can do maths! It isn't a question of 'I can't do it,' but rather, 'I can't do it...yet!'