



Heathfield Schools' Curriculum Overview

Maths

Subject	Intent	Implementation	Impact
Maths	<p>The maths curriculum will ensure that children will be able to:</p> <ul style="list-style-type: none"> • Demonstrate fluency in the four operations of mathematics underpinned by a secure understanding of place value. • Recall and apply knowledge rapidly and accurately. • Apply skills to real-life concepts • Enjoy being good at maths and understand its importance. 	<p>In Early Years planning is based around the relevant strands in Development Matters and Birth to 5 Years. In Key Stages 1 and 2 the White Rose materials provide the progression.</p>	<p><u>Assessment:</u></p> <p>Teachers and Early Years Practitioners use a range of on-going assessment for learning techniques to gather information that informs data collection at the end of each term.</p> <p>In Key Stages 1 and 2 assessment during lessons and marking enables teachers to adapt planning as required. End of term White Rose assessment tests are also used to inform teachers' judgments, where appropriate.</p> <p><u>Monitoring:</u></p> <p>Members of the Senior Strategy Team, Year Group leaders and Phase specific subject leaders undertake a range of monitoring activities each term that include:</p> <ul style="list-style-type: none"> • Formal observations • "Pop ins"/learning walks • Discussions with children • Book and planning scrutinies • Staff interviews • Review of test results <p>• End of KS2 Published data is significantly above national average year on year. In 2022 at Heathfield, 81% of children met ARE. The national average was 71%,</p>
		<p>EYFS</p> <p>Children are able to practise, explore and discover mathematical concepts through their own interests and play in the EYFS environments Adults teach maths skills such as positional language, measurement, time, money and shape in their interactions with the children. Daily numbers, counting and songs and rhymes form part of the curriculum. Daily maths input in Reception with a follow up game/activity available for children to access after. Use of Rekenrek and White rose planning.</p>	
		<p>Key Stage 1</p> <p>Maths is taught daily in Key Stage 1 and in Year 2 will include one taught arithmetic session a week from Spring Term. Lessons are planned using White Rose materials, supplemented with other published materials. Daily lessons can include fluency, reasoning and problem solving to provide appropriate challenge for all learners. To support children to develop a deep understanding of number and calculation a concrete, pictorial, abstract (CPA) approach to learning is implemented. Alongside daily lessons there are four sessions of Rekenrek taught a week.</p>	
		<p>Key Stage 2</p> <p>Maths is taught daily in Key Stage 2 and includes one taught arithmetic session a week. Lessons are planned using White Rose materials supplemented with other published materials. Daily lessons include fluency, reasoning and problem solving to provide appropriate challenge for all learners. Variation is used to ensure understanding throughout lessons All children in the key stage are given a yearly times table challenge to develop rapid recall and retention with Year 4 having an additional times table lessons.</p>	

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