

Maths

At Rose Hill Primary School our aim is to enthuse children with a passion for mathematic; to be confident in their own ability and ready to apply their maths knowledge in the real world. In school we teach using the CPA approach (concrete, pictorial, abstract. This means that when we teach a concept we will often start by using a range of models and images followed by pictorial representations and then finally using the abstract (numbers and algebraic expressions.)

Teachers in years 2, 3 &4 are planning maths using the White Rose Overviews on a trial basis these are attached as below. The White Rose documents enable teachers to deepen children's understanding of key concepts such as place value as they are taught it for a longer period of time. Over this academic year we are hoping to expand the overviews and use them in both years 1 & 5. All teachers use the 'Maths No Problem' textbooks to inform planning as they as they follow a similar teaching pattern as the White Rose Documents; breaking down large concepts into smaller achievable steps.

Year 4 – Yearly Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number – Place Value			Number- Addition and Subtraction			Measurement - Length and Perimeter	Number- Multiplication and Division			Consolidation	
Spring	Number- Multiplication and Division		Measurement - Area	Fractions				Decimals				Consolidation
Summer	Decimals	Measurement- Money		Time	Statistics	Geometry- Properties of Shape		Geometry- Position and Direction	Consolidation			

This academic year we have already undertaken an 'Imaths' week with the aim of stimulating and exciting children about maths. Children engaged in a number of activities that challenged their perceptions in maths and test their existing knowledge. Our hope is to arrange another week in January 2018 as these activities gave children the necessary skills to tackle investigations and develop problem solving skills, as well as enjoying their learning.