Ashford Park Primary School
Inspiring a love for lifelong learning

Year 5 Mathematics Mastery with White Rose Maths

At APPS we use the White Rose Maths scheme to support our planning and teaching of mathematics throughout our school. The White Rose Maths schemes of learning are designed to support a mastery approach to teaching and learning, as well as to support the aims and objectives of the National Curriculum.

The White Rose Maths scheme has number at the heart and a lot of time is spent reinforcing number to build competency. It also provides opportunities to build reasoning and problem solving into each lesson.

White Rose Maths believes that all children, who are introduced to a concept, should have the opportunity to build on their abilities by following a concrete-pictorial-abstract approach.

Concrete – children should have the opportunity to use concrete objects to help them understand new learning.

Pictorial – alongside this, children should use pictorial representations. These representations can then be used to help reason and solve problems.

Abstract – both concrete and pictorial representations should support children's understanding of abstract methods.

Year 5

	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**		Number **Multiplication and division A**			Number **Fractions A**			
Spring	Number **Multiplication and division B**			Number **Fractions B**		Number **Decimals and percentages**			Measurement **Perimeter and area**		**Statistics**	
Summer	Geometry **Shape**			Geometry **Position and direction**		Number **Decimals**			Number **Negative numbers**	Measurement **Converting units**		Measurement **Volume**