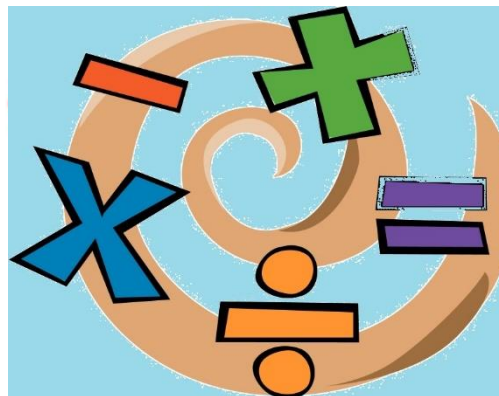




INSPIRE

CURRICULUM

Maths



Intent

At Plains Farm Academy, mathematics is given high priority as a core subject. We aim to ensure that our children have access to a high-quality mathematics curriculum that is both challenging and enjoyable. We are committed to ensuring that our maths curriculum is adaptable and accessible for all pupils so as to provide opportunities to develop fluency, mathematical reasoning and problem solving that is essential to everyday life. Our aim is to develop our children into confident mathematicians who are not afraid to take risks or seek support.

- We want all children to be successful and develop a passion for mathematics.
- We want all children to use their mathematical knowledge and understanding across the curriculum.
- It is vital for the children to be able to see how mathematics is relevant to their world.
- We also aim to instil an understanding of how mathematics is something that the children will need as they move through their school life and into the world of employment.

At Plains Farm Academy, we know that the impact of our high-quality teaching and expectations equips children for lifelong learning through the application of mathematical knowledge regularly in a range of contexts.

Implementation:

Our Maths curriculum journey begins in the Early Years, where children explore numbers within 20 in their exciting, inviting environment as well as their specific Maths lessons. In Nursery we follow the planning structure of 'Master the Curriculum'. In Reception we begin teaching the 'Mastering Number' programme. This continues throughout Year 1 and 2.

In Key Stage One, as well as Mastering Number, children extend their knowledge of numbers to 100 and begin to develop their knowledge, skills and understanding within other areas of Maths.

Key Stage Two breadth of study focuses on the development of all areas of Maths, including written methods and building upon the children's fluency of key mathematical facts. To ensure the children are provided with high quality teaching, that is progressive, we follow the White Rose scheme that has been adapted to suit our school needs. Though we follow the steps of White Rose, all staff use a range of resources to support their lessons such as: NCETM, Twinkl and making their own resources.

Maths Long term planning

Year 1

	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 term	Number Place value (within 10) FREE TRIAL VIEW					Number Addition and subtraction (within 10) VIEW				Geometry Shape VIEW	Consolidation	
Spring term	Number Place value (within 20) VIEW		Number Addition and subtraction (within 20) VIEW		Number Place value (within 50) VIEW	Measurement Length and height VIEW	Measurement Mass and volume VIEW					
Summer term	Number Multiplication and division VIEW		Number Fractions VIEW	Geometry Position and direction VIEW	Number Place value (within 100) VIEW	Measurement Money VIEW	Measurement Time VIEW		Consolidation			

Year 2

	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 term	Number Place value FREE TRIAL VIEW				Number Addition and subtraction VIEW				Geometry Shape VIEW			
Spring term	Measurement Money VIEW	Number Multiplication and division VIEW				Measurement Length and height VIEW	Measurement Mass, capacity and temperature VIEW					
Summer term	Number Fractions VIEW	Measurement Time VIEW			Statistics VIEW		Geometry Position and direction VIEW	Consolidation				

Year 3

	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 term	Number Place value FREE TRIAL VIEW			Number Addition and subtraction VIEW				Number Multiplication and division A VIEW				
Spring term	Number Multiplication and division B VIEW			Measurement Length and perimeter VIEW		Number Fractions A VIEW			Measurement Mass and capacity VIEW			
Summer term	Number Fractions B VIEW		Measurement Money VIEW		Measurement Time VIEW			Geometry Shape VIEW		Statistics VIEW		Consolidation

Year 4

	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 term	Number Place value FREE TRIAL VIEW				Number Addition and subtraction VIEW		Measurement Area VIEW	Number Multiplication and division A VIEW		Consolidation		
	Number Multiplication and division B VIEW		Measurement Length and perimeter VIEW		Number Fractions VIEW			Number Decimals A VIEW				
Spring term	Number Decimals B VIEW		Measurement Money VIEW		Measurement Time VIEW		Consolidation		Geometry Shape VIEW		Statistics VIEW	Geometry Position and direction VIEW

	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 term	Number Place value FREE TRIAL VIEW			Number Addition and subtraction VIEW		Number Multiplication and division A VIEW		Number Fractions A VIEW				
Spring term	Number Multiplication and division B VIEW			Number Fractions B VIEW		Number Decimals and percentages VIEW		Measurement Perimeter and area VIEW		Statistics VIEW		
Summer term	Geometry Shape VIEW			Geometry Position and direction VIEW		Number Decimals VIEW		Number Negative numbers VIEW	Measurement Converting units VIEW		Measurement Volume VIEW	

