MATHS PROVISION MAP

Sunnyside Academy

Intent

At Sunnyside Academy, we believe that a high-quality mathematics education, both equips and allows pupils to become fluent in the fundamentals of mathematics and understand the links to the world surrounding them. Developing and build upon children's knowledge as they continue their mathematical journey through school. To develop conceptual understanding and the ability to recall and apply knowledge rapidly. To reason and problem solve by applying mathematics to a variety of increasingly complex problems and see links across the wider curriculum. To give the children the opportunity to develop their own resilience and perseverance which enables all children to reason and problem solve with increased confidence. To use a range of strategies to competently answer questions using both mental and formal written methods.

Implementation

Our whole curriculum is shaped by our school vision which aims to enable all children, regardless of background, ability, additional needs, to flourish to become the very best version of themselves they can possibly be and this is no different in the subject of Mathematics.

To ensure all pupils receive full topic coverage as laid out in the National Curriculum and progression documents for each strand. This includes daily math's sessions which include aspects of fluency problem solving and reasoning. Each session will begin with a 5 a day questions which will be to reinforce and consolidate previous learning, focus for these sessions can be taken from a range of sources such as observations, quizzes, assessments and class work. The children will also receive a daily counting or short number session which relates to the whole school KIRFs document. Lessons are differentiated to ensure there is appropriate challenge for all learners. Concrete manipulatives and pictorial representations are used to support conceptual understanding and to make links across topics. Children are assessed on a termly basis through PIXL tests or through IASEND tracking statements. Times tables are monitored and Bronze, silver, Gold and Platinum awards can be achieved.

Impact*

Children's progress is tracked through the small steps in IASEND or against modified PIXL statements.

Termly tests and half termly teacher judgments and monitored and are used to inform future planning.

Children are assessed against age related statements linked to their year groups and in some cases statements which are from a modified curriculum.

Children are becoming more confident when using manipulatives and are beginning to make their own appropriate choices.

Thee use of fluency, problem solving and reasoning are embedded across the school.

Times Tables Rockstar is used across the school and weekly awards are given out to children across key stage 2.

Year Group	Autumn 1 8 Weeks	Autumn 2 7/8 Weeks	Spring 1 5/6 Weeks	Spring 2 5/6 Weeks	Summer 1 6 weeks	Summer 2 7 weeks
EYFS	Numbers and place value to 5 and comparing groups	Number – addition and subtraction – one more etc	Number –addition and subtraction bonds to 5.	Number – addition to 10	Geometry – exploring patterns	Multiplication and division – Odd/even, doubling and halving
	Number – addition and subtraction - sorting	Measurement – Time	Number – Place value to 10	Geometry - Shape	Addition and subtraction – count on and back	Measurements – length, weigh, capacity.
					Place value – numbers to 20	
1	Number Place Value	Number addition and Subtraction	Fractions	Measurement - Money	Geometry – Position and direction.	Measurement – length and Height
	Number – Addition and subtraction.	Number – Multiplication and division.	Place value to 100	Geometry – Shape,	Measurement - Time	Measurement – Weight and volume
2	Number Place Value	Number –addition and subtraction	Fractions	Money	Geometry – Position and direction	Statistics
	Number –Addition and subtraction	Number – multiplication and division.		Geometry – Properties of shape	Measurement - Time	Measurement – Length, mass, weight.

3	Number – Place Value Number – Addition and subtraction	Number – Addition and subtraction Number – multiplication and division.	Fractions	Money Geometry – Properties of shape	Measurement Length and Perimeter Measurement - Time	Statistics Measurement – Length, mass, weight.
4	Number – Place Value Number – Addition and subtraction	Number – Addition and subtraction Number – multiplication and division.	Fractions	Decimals and Money Geometry – Properties of shape Position and direction	Measurement Length and Perimeter Measurement - Area Measurement - Time	Statistics Measurement – Length, mass, weight.
5	Number – Place Value Number – Addition and subtraction	Number – Addition and subtraction Number – multiplication and division.	Fractions	Decimals Percentages	Geometry – Properties of shape Position and direction Measurement – Perimeter and Area	Statistics Measurement converting units and volume
6	Number – Place Value Number – Addition and subtraction	Number – Addition and subtraction Number – multiplication and division.	Fractions and Decimals	Percentages and ratio Algebra	Measurement – converting units. Measurement – Perimeter, Area and volume Geometry – Properties of shapes	Statistics Geometry – Position and direction