

Meadow Park School - Curriculum Map 2021-2022



Key Stage	Year Group	Subject	Teacher	Programme of Study		
2	5/6	Maths	Chelsi Morris	National Curriculum- UKS2		
Autumn a		Autumn b	Spring a	Spring b	Summer a	Summer b
Topic(s)		Topic(s)	Topic(s)	Topic(s)	Topic(s)	Topic(s)
Year 5						
Number: Place Value (Up to 1 000 000) Number: Addition, Subtraction, (Whole Numbers with More Than 4 Digits)		Number: Fractions (Add and Subtract Fractions with the Same Denominator)	Number: Decimals (Round Decimals with Two Decimal Places to the Nearest Whole Number to one Decimal Place.)	Measurement: Converting Units (Convert Between Different Units of Metric Measure, Kilometre to Metre, Centimetre and Metre etc.)	Geometry: Properties of Shape (Identify 3-D Shapes, Including Cubes and Other Cuboids, From 2-D Representations.)	Consolidation Investigations (Pupils Should Read, Spell and Pronounce Mathematical Vocabulary Correctly.)
Number: Addition, Subtraction, (Whole Numbers with More Than 4 Digits)		Geometry: Position and Direction (Identify, Describe and Represent the Position of a Shape Following Reflection or Translation.)	Number: Percentages (Recognise the % Symbol and Understand that Per Cent Relates to 'Number of Parts Per Hundred.')	Measurement: Perimeter, Area and Volume (Calculate the Perimeter of Rectangles and Related Composite Shapes. Calculate the Area from Scale Drawings.)	Consolidation (Consolidate and Extend Knowledge Developed in Number.)	
Number: Multiplication and Division (Multiply and Divide 4 Digits by 1 Digit)			Number: Algebra (No Requirement in Year 5).	Number: Ratio Statistics (No Requirement in Year 5).		
Year 6						
Number: Place Value (Up to 10 000 000)		Number: Fractions (Add and Subtract Fractions with Different Denominators and Mixed Numbers)	Number: Decimals (Multiply 1 Digit Numbers with up to Two Decimal Places by Whole Numbers.)	Measurement: Converting Units (Solve Problems Involving the Calculation and Conversion of Units of Measure, Using Decimal Notation up to Three Decimal Places)	Geometry: Properties of Shape (Draw 2-D Shapes Given Dimensions and Angles.)	Investigations Preparations for KS3 (Ensure Pupils Are Fluent in Written Methods for all Four Operations, Including Long Multiplication and Division, and in Working with Fractions, Decimals and Percentages.)
Number: Addition, Subtraction (Multi-step Problems in Context)		Geometry: Position and Direction (Describe Positions on the Full Coordinate Grid. Draw and Translate Simple Shapes on the Coordinate Plane.)	Number: Percentages (Recall and Use Equivalences Between Simple Fractions, Decimals and Percentages.)	Measurement: Perimeter, Area and Volume (Recognise That Shapes with the Same Areas Can Have Different Perimeters.) (Recognise When It Is Possible To Use Formulae for Area and Volume.)	Consolidation (Consolidate and Extend Knowledge Developed in Number.)	
Number: Multiplication and Division (Multiply and Divide 4 Digits by 2 Digits)			Number: Algebra (Use Simple Formulae and Express Missing Number Problems Algebraically.)	Number: Ratio Statistics (Solve Problems Involving the Relative Sizes of Two Quantities Where Missing Values Can Be Found.)		
Assessment Tasks		Assessment Tasks	Assessment Tasks	Assessment Tasks	Assessment Task	Assessment Tasks
Place Value Assessment		Fractions Assessments	Decimal and Percentage Assessment	Converting Measurements Assessment Perimeter, Area and Volume Assessment	Properties of Shape Assessment	Problem Solving/ Reasoning Assessments

Four Operations Assessments	Position and Direction Assessment	Algebra Assessment	Ratio Assessment	Statistics Assessment	Problem Solving/ Reasoning Assessments
Personal Development/CEIAG	Personal Development/CEIAG	Personal Development/CEIAG	Personal Development/CEIAG	Personal Development/CEIAG	Personal Development/CEIAG
Relationships – changing friendships, the adding of positive people and subtraction of negative	Relationships – being treated equally and importance of sharing in relation to fractions	Health and wellbeing – looking at percentage data referring to healthy lifestyles	Health and wellbeing – ratio and proportion of certain foods in our diet (eat-well plate)	Community – exploring shapes in symbols in our local area	Community – being able to problem solve and get along with others in our locality
Reading & Writing	Reading & Writing	Reading & Writing	Reading & Writing	Reading & Writing	Reading & Writing
Identifying key words when reading word problems and highlighting these	. Reading and writing imperative verbs when giving directions	Reading of different letters to represent an unknown in algebra	Reading different units in order to convert them	Writing properties of given shapes to consolidate knowledge	Writing own word problems including key mathematical vocabulary
Speaking & Listening	Speaking & Listening	Speaking & Listening	Speaking & Listening	Speaking & Listening	Speaking & Listening
Explaining reasoning to the value of each digit within a number	Giving instructions to others to follow given directions	Sharing explanations of findings to explain reasoning	Giving evidence and explaining findings from statistics	Listening to the description of a shape in order to identify it	Listening to others explanation of the answer to the word problem
Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning	Numeracy & Mathematical Reasoning
Use the methods of calculation they have been taught in mathematics lessons in different curricular contexts	Solve problems where they need to identify the calculations required, and interpret and check their results in the context of the original problem	Recall number facts and manipulate whole numbers (positive and negative), fractions, decimals and percentages	Use calculators and ICT efficiently, and recognise when these are inappropriate tools	Estimate and judge the reasonableness of their solutions, check their methods and answers and give results to a required degree of accuracy	Explain their strategies and methods and use correct mathematical vocabulary
Creative Media	Creative Media	Creative Media	Creative Media	Creative Media	Creative Media
Use of Interactive Whiteboard to play games such as 'hit the button' and 'TT Rockstars.'	Use of playdoh to represent different fractions	Using ICT tools to present percentages in charts	Using interactive tools to create shapes with different areas	IPad apps to sort different shapes by different features	Using ICT to create interactive quizzes and word problems