



Curriculum Overview KS4 Functional Skills Mathematics

At Forest Moor School we deliver the mathematics curriculum through fostering a sense of fun and wonder; encouraging pupils to learn and work together, developing their problem-solving skills and approaching mathematics in a real-world context. We want all our pupils to have an understanding of key mathematical skills and knowledge which will underpin their confidence in key life skills such as using money, reading timetables, telling the time and an understanding of key concepts such as measurement, weight and estimates. We know many of our pupils have gaps in their knowledge and have developed negative views towards studying mathematics. We want to overcome these barriers, ensure that all our pupils leave with a competence and confidence in numeracy to enable them to navigate and participate meaningfully in their wider communities and in the world of work. Our ambition for our KS4 pupils is that they learn to engage enthusiastically in the more challenging aspects of the subject, building upon their skills developed through KS3 so that they are ready and confident in their ability to achieve their potential at Functional Skills and GCSE level.

	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							Measures				Data
	Order & Compare Positive & Negative Numbers	Multiplication and Division facts, BIDMAS, Substitution	Square Numbers, Order and Compare Fractions	Fractions of Amounts, Order and Compare Decimals	Four Operations with Decimals, Rounding Decimals	Percentages of Amounts, Equivalent FDP	Ratio and Proportion	Interest and Discounts, Convert between Units	Convert between Units, Reading Scales	Area, Perimeter and Volume. Lines of Symmetry	Types of Angles, Measuring Angles, 3D shapes	Pie Charts, Bar Charts, Line Graphs
Spring	Data	Revision & Assessment		Number					Measures			
	Mean and Range, Probability Scale and Probability of Events	Identify Gaps and Target Personal Development Areas. Level 1 Assessment		Order & Compare, Four Operations with Integers	Substitution and Formulae. Equivalent FDP	Percentages of Amounts, Percentage Change	Order, Add and Subtract Fractions. Order Decimals	Four Operations with Decimals. Ratio and Proportion	BIDMAS. Working with Money and Interest	Convert Metric and Imperial Units. Compound Measures	Perimeter, Area, Volume and Surface Area	Reading and Using Scales. Reading Coordinates
Summer	Measures	Data			Revision & Assessment							
	Plans and Elevations of 3D Shapes	Median and Mode, Mean from Grouped Frequency	Compare Data	Probability of Combined Events, Writing as FDP	Draw and Interpret Scatter Diagrams, Recognise Correlation	Identify Gaps and Target Personal Development Areas. Level 1 and/or 2 Assessment						

Challenge- Honesty- Curiosity- Self-reliance- Belonging- Resourcefulness.