

# Elms Bank Long Term Plan



ElmsBank

**Key to**

Inspire	
Explore	
Thrive	

**Pathways:**

MATHS	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Inspire Pathway</b>						
<b>Year 7</b>	<b>Number</b> Number and Place Value Algebra <b>Measurement</b> Length and Height <b>Geometry</b> 2D Shapes	<b>Number</b> Addition and Subtraction <b>Measurement</b> Time <b>Geometry</b> 3D Shapes	<b>Number</b> Number/Place Value <b>Measurement</b> Mass and Weight <b>Geometry</b> Position and Direction <b>Statistics</b> Tally Charts	<b>Number</b> Multiplication and Division Fractions Ratio <b>Measurement</b> Money <b>Geometry</b> 2D Shapes	<b>Number</b> Number and Place Value <b>Measurement</b> Capacity and Volume <b>Geometry</b> 3D Shapes	<b>Number</b> Addition and Subtraction <b>Measurement</b> Time <b>Geometry</b> Position and Direction <b>Statistics</b> Pictogram
<b>Year 8</b>	<b>Number</b> Number and Place Value Addition and Subtraction <b>Measurement</b> Mass and Weight <b>Geometry</b> 3D Shapes	<b>Number</b> Multiplication and Division Fractions/Ratio <b>Measurement</b> Money <b>Geometry</b> Position and Direction <b>Statistics</b> Block Graphs	<b>Number</b> Number and Place Value Algebra <b>Measurement</b> Capacity and Volume <b>Geometry</b> 2D Shapes	<b>Number</b> Addition and Subtraction <b>Measurement</b> Time <b>Geometry</b> 3D Shapes	<b>Number</b> Number and Place Value <b>Measurement</b> Length and Height <b>Geometry</b> Position and Direction <b>Statistics</b> Simple Tables	<b>Number</b> Multiplication and Division <b>Measurement</b> Money <b>Geometry</b> 2D Shapes
<b>Year 9</b>	<b>Number</b> Number and Place Value Multiplication and Division <b>Measurement</b> Capacity and Volume <b>Geometry</b> Position and Direction <b>Statistics</b> Tallies/tables & diagrams	<b>Number</b> Addition and Subtraction <b>Measurement</b> Time <b>Geometry</b> 2D Shapes	<b>Number</b> Number and Place Value <b>Measurement</b> Length and Height <b>Geometry</b> 3D Shapes	<b>Number</b> Multiplication/Division/Fractions <b>Measurement</b> Money <b>Geometry</b> Position/Direction <b>Statistics</b> Bar Graphs/pictogram	<b>Number</b> Number and Place Value <b>Measurement</b> Mass and Weight <b>Geometry</b> 2D Shapes	<b>Number</b> Addition and Subtraction <b>Measurement</b> Time <b>Geometry</b> 3D Shapes

<p><b>Year 10/11 Functional Skills Entry Level 3</b></p>	<p><b>OCR Progression Award withdrawn at the end of Aut term (2016)</b></p>	<p><b>Number</b></p> <p>Adding a subtracting with up to 3 digit numbers</p> <p>Solving practical problems involving multiplication and division by 2,3,4,5 and 10</p> <p>Round to the nearest 10 and 100</p> <p>Recognise and describe number patterns</p> <p>Understand and use simple fractions</p>	<p><b>Space Shape and Measure</b></p> <p>Understand, estimate, measure and compare length, capacity, weight and temperature</p> <p>Understand decimals to two decimal places in practical contexts</p> <p>Complete simple calculations involving money and measures</p>	<p><b>Data Handling and Space Shape and Measure</b></p> <p>Extract, use and compare information from lists, tables, simple charts and simple graphs</p> <p>Recognise and name simple 2D and 3D shapes and their properties</p> <p>Use metric units in everyday situations</p>	<p><b>Number</b></p> <p>Recognise and describe number patterns</p> <p>Understand and use simple fractions</p>
<p><b>Year 10/11 Functional Skills Level 1</b></p>		<p><b>Space Shape and Measure</b></p> <p>Solve problems requiring calculation, with common measures, including money, time, length, weight, capacity and temperature</p> <p>Convert units of measure in the same system</p> <p>Understand and use whole numbers and negative</p>	<p><b>Data Handling</b></p> <p>Use data to assess the likelihood of an outcome</p> <p>Collect and record discrete data and organise and represent information in different ways</p> <p>Extract and interpret information from tables, diagrams, charts and graphs</p>	<p><b>Space Shape and Measure</b></p> <p>Work out areas and perimeters in practical situations</p> <p>Construct geometric diagrams, models and shapes</p> <p>Find mean and range</p>	<p><b>Number</b></p> <p>Solve simple problems involving ratio, where one number is a multiple of the other</p> <p>Use simple formulae expressed in words for one- or two-step operations</p> <p>Understand and use equivalences</p>

			numbers Add, subtract, multiply and divide whole numbers using a range of strategies			between common fractions, decimals and percentages  Add and subtract decimals up to two decimal places
<b>Explore Pathway</b>						
	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>	<b>Summer 2</b>
<b>Year 7</b>	<b>Number</b> Number and Place Value Algebra <b>Measurement</b> Length and Height <b>Geometry</b> 2D Shapes	<b>Number</b> Addition and Subtraction <b>Measurement</b> Time <b>Geometry</b> 3D Shapes	<b>Number</b> Number and Place Value <b>Measurement</b> Mass and Weight <b>Geometry</b> Position and Direction <b>Statistics</b> Tally Charts	<b>Number</b> Multiplication and Division Fractions Ratio <b>Measurement</b> Money <b>Geometry</b> 2D Shapes	<b>Number</b> Number and Place Value <b>Measurement</b> Capacity and Volume <b>Geometry</b> 3D Shapes	<b>Number</b> Addition and Subtraction <b>Measurement</b> Time <b>Geometry</b> Position and Direction <b>Statistics</b> Pictogram
<b>Year 8</b>	<b>Number</b> Number and Place Value Addition and Subtraction <b>Measurement</b> Mass and Weight <b>Geometry</b> 3D Shapes	<b>Number</b> Multiplication and Division Fractions/Ratio <b>Measurement</b> Money <b>Geometry</b> Position and Direction <b>Statistics</b>	<b>Number</b> Number and Place Value Algebra <b>Measurement</b> Capacity and Volume <b>Geometry</b> 2D Shapes	<b>Number</b> Addition and Subtraction <b>Measurement</b> Time <b>Geometry</b> 3D Shapes	<b>Number</b> Number and Place Value <b>Measurement</b> Length and Height <b>Geometry</b> Position and Direction <b>Statistics</b>	<b>Number</b> Multiplication and Division <b>Measurement</b> Money <b>Geometry</b> 2D Shapes
<b>Year 9</b>	<b>Number</b> Number and Place Value Multiplication and Division <b>Measurement</b> Capacity and Volume <b>Geometry</b> Position and Direction <b>Statistics</b> Tallies/tables and	<b>Number</b> Addition and Subtraction <b>Measurement</b> Time <b>Geometry</b> 2D Shapes	<b>Number</b> Number and Place Value <b>Measurement</b> Length and Height <b>Geometry</b> 3D Shapes	<b>Number</b> Multiplication and Division Fractions <b>Measurement</b> Money <b>Geometry</b> Position and Direction <b>Statistics</b> Bar	<b>Number</b> Number and Place Value <b>Measurement</b> Mass and Weight <b>Geometry</b> 2D Shapes	<b>Number</b> Addition and Subtraction <b>Measurement</b> Time <b>Geometry</b> 3D Shapes

	diagrams			Graphs/pictograms		
<b>Year 10 – Entry Level 1 and 2</b>	<b>Number</b> Number from 0-10	<b>Number</b> Add and subtract whole numbers	<b>Space Shape and Measure</b> Money and Time	<b>Space Shape and Measure</b> Understand common and regular shapes and positional vocabulary	<b>Space, Shape and Measure</b> Compare and order items by measurement	<b>Data Handling</b> Extract and sort data
<b>Year 11- Entry Level 1 and 2</b>	<b>Number</b> Add, Subtract and Multiply Whole Numbers	<b>Space Shape and Measure</b> Understand common regular shapes and positional vocabulary <i>(Entry Level 1 pass)</i>	<b>Space Shape and Measure</b> Time and date formats and simple money calculations	<b>Number</b> Simple Fractions and common units of measure	<b>Data Handling</b> Extract, sort and present data for interpretation <i>(Entry Level 2 pass)</i>	Assessment module
<b>Thrive Pathway – Cognition and Learning</b>						
	<b>Autumn</b>		<b>Spring</b>		<b>Summer 1</b>	<b>Summer 2</b>
<b>KS3</b>	<b>Number</b> Counting and understanding number <b>Shape, Space and Measure</b> 3D shapes Position and Direction	<b>Number</b> Counting and understanding number <b>Shape, Space and Measure</b> Length Time Sorting and Classifying	<b>Number</b> Counting and understanding number <b>Shape, Space and Measure</b> 2D shapes Symmetry Pattern	<b>Number</b> Counting and understanding number <b>Shape, Space and Measure</b> Mass Time	<b>Number</b> Counting and understanding number <b>Shape, Space and Measure</b> Money Sorting and Classifying	<b>Number</b> Counting and understanding number <b>Shape, Space and Measure</b> Capacity
<b>KS4</b>	<b>Number</b> Counting and understanding number <b>Shape, Space and Measure</b> Length Time Sorting and Classifying	<b>Number</b> Counting and understanding number <b>Shape, Space and Measure</b> 2D shapes Symmetry Pattern	<b>Number</b> Counting and understanding number <b>Shape, Space and Measure</b> 3D shapes Position and Direction	<b>Number</b> Counting and understanding number <b>Shape, Space and Measure</b> Money Sorting and Classifying	<b>Number</b> Counting and understanding number <b>Shape, Space and Measure</b> Capacity	<b>Number</b> Counting and understanding number <b>Shape, Space and Measure</b> Mass Time