

This Scheme of Work should be read alongside the AQA Entry Level Specification.

## Maths Scheme of Work – Entry Level 2

Component	Prior Knowledge From ELC 1	Learning Opportunities	Colour band	Edexcel Award	Functional skills	GCSE
<b>1</b> Properties of Number	Count reliably up to 20 items Read, write, order and compare numbers up to 20, including zero Complete a number line up to 20	Read, write, order and compare numbers up to 100 Recognise place value in two digit numbers Count from 0 in steps of two, three and five Round numbers less than 100 to the nearest 10 Understand and identify odd and even numbers  Component 1 worksheets <a href="#">here</a>				
Extension Opportunities		Read and write numbers up to 1,000 Order and compare numbers up to 1,000 Recognise place value in three digit numbers Round numbers less than 1,000 to the nearest 10 Round numbers less than 1,000 to the nearest 100 Find 10 or 100 more or less than a given number Recognise and use multiples of 2, 3, 4, 5, 8, 10, 50 and 100	ELC 3			
Additional Teacher Notes	<ul style="list-style-type: none"> <li>All component worksheets must be marked in line with mark schemes.</li> <li>All external assessments must be written in black pen and completed under exam conditions.</li> <li><a href="#">All ELC Resources here</a></li> </ul>					

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2 Four Operations	<p>Add two whole numbers with a total up to 20</p> <p>Subtract one number up to 20 from another</p> <p>Understand and use the + and – signs to solve simple number problems</p>	<p>Add whole numbers with a total up to 100</p> <p>Subtract one number up to 100 from another</p> <p>Multiply using single digit whole numbers</p> <p>Use and interpret +, -, × and = in real-life situations for solving problems</p> <p>Recall and use multiplication facts for the 2, 5 and 10 multiplication tables</p> <p>Component 2 worksheets <a href="#">here</a></p>				
Extension Opportunities		<p>Add and subtract using three digit numbers</p> <p>Multiply a two digit whole number by a single digit whole number</p> <p>Divide a two digit whole number by a single digit whole number</p> <p>Use and interpret +, −, ×, ÷ and = in real-life situations for solving problems</p> <p>Use inverse operations to find missing numbers</p> <p>Estimate the answer to a calculation</p> <p>Recall and use multiplication facts for the 3, 4 and 8 multiplication tables</p>	ELC 3			
Additional Teacher Notes		<ul style="list-style-type: none"> <li>All component worksheets must be marked in line with mark schemes.</li> <li>All external assessments must be written in black pen and completed under exam conditions.</li> <li><a href="#">All ELC Resources here</a></li> </ul>				

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3 Ratio	<p>Understand equality</p> <p>Identify or show one half of a quantity up to 20</p> <p>Work out half of an even number up to 20</p>	<p>Identify or show one third or one quarter of a quantity up to 24</p> <p>Work out one third or one quarter of a number up to 24</p> <p>Count in fractions of one half or one third or one quarter</p> <p>Work out amounts two, three or four times the size of a given amount</p> <p>Recognise the equivalence of <math>\frac{1}{2}</math> and <math>\frac{2}{4}</math></p> <p>Component 3 worksheets <a href="#">here</a></p>				
Extension Opportunities		<p>Identify or show unit fractions up to one tenth of a quantity up to 100</p> <p>Work out unit fractions to one tenth of a number up to 100</p> <p>Identify or show any number of thirds, quarters, fifths or tenths of a quantity</p> <p>Work out any number of thirds, quarters, fifths or tenths of an amount</p> <p>Recognise and identify equivalent fractions</p> <p>Add and subtract fractions with the same denominator within one whole</p> <p>Work out amounts 5, 8 or 10 times the size of a given amount</p>	ELC 3			
Additional Teacher Notes		<ul style="list-style-type: none"> <li>• All component worksheets must be marked in line with mark schemes.</li> <li>• All external assessments must be written in black pen and completed under exam conditions.</li> <li>• <a href="#">All ELC Resources here</a></li> </ul>				

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4 Money	<p>Recognise coins and notes up to £20</p> <p>Exchange money up to 20p for an equivalent amount in other denominations</p> <p>Add up to 20 coins</p>	<p>Appreciate the purchasing power of amounts of money (coins)</p> <p>Convert from pence to pounds and vice versa</p> <p>Make amounts of money up to £2 from given coins</p> <p>Make amounts of money in multiples of £5 from £5, £10 and £20 notes</p> <p>Calculate with amounts of money in pence up to £1 and whole pounds up to £100 and give change</p> <p>Component 4 worksheets <a href="#">here</a></p>				
Extension Opportunities		<p>Appreciate the purchasing power of amounts of money (notes)</p> <p>Exchange notes for an equivalent value in coins</p> <p>Use decimal notation for money</p> <p>Interpret a calculator display</p> <p>Solve real life problems involving what to buy and how to pay</p> <p>Add amounts of money and give change</p> <p>Carry out investigations involving money</p>	ELC 3			
Additional Teacher Notes		<ul style="list-style-type: none"> <li>All component worksheets must be marked in line with mark schemes.</li> <li>All external assessments must be written in black pen and completed under exam conditions.</li> <li><a href="#">All ELC Resources here</a></li> </ul>				

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5 Calendar and Time	<p>Know the days of the week and their order</p> <p>Read the time to the hour or half hour on an analogue clock and draw the hands on a clock to show these times</p> <p>Order familiar events</p>	<p>Know the seasons and months and their order</p> <p>Know that 1 week = 7 days; 1 day = 24 hours; 1 hour = 60 minutes; 1 minute = 60 seconds</p> <p>Read the time displayed on an analogue or 12 hour digital clock in hours, half hours and quarter hours and draw the hands on a clock or the digital display to represent these times</p> <p>Read the time to the nearest five minutes on an analogue clock, draw the hands on a clock to show the time, and read any time on a digital clock</p> <p>Find the difference between two times given in hours, half hours and quarter hours</p> <p>Component 5 worksheets <a href="#">here</a></p>				
Extension Opportunities		<p>Solve problems involving time</p> <p>Know that there are 365 days in a year, 366 days in a leap year, 12 months in a year and 52 full weeks in a year</p> <p>Use a calendar and write the date correctly (day/month/year)</p> <p>Tell and write the time from an analogue clock, including using Roman numerals from I to XII</p> <p>Understand and use the 12-hour and 24-hour clock systems and convert from one system to the other</p> <p>Convert between hours, minutes and seconds</p> <p>Add up to three lengths of time given in minutes and hours</p>	ELC 3			
Additional Teacher Notes		<ul style="list-style-type: none"> <li>• All component worksheets must be marked in line with mark schemes.</li> <li>• All external assessments must be written in black pen and completed under exam conditions.</li> <li>• <a href="#">All ELC Resources here</a></li> <li>• <b>Note: Roman numerals are not covered in Edexcel Award, Functional Skills or GCSE.</b></li> </ul>				

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6 Measures	<p>Compare lengths, heights, weights and capacities</p> <p>Give the length of a line drawn on a centimetre grid</p> <p>Describe capacity in fractions</p>	<p>Choose appropriate standard units of length, capacity and weight</p> <p>Compare and order lengths, capacities and weights in the same units</p> <p>Select a possible length, capacity or weight for a given item</p> <p>Measure or draw a length using a ruler</p> <p>Estimate the weight, capacity or length of given items</p> <p>Component 6 worksheets <a href="#">here</a></p>				
Extension Opportunities		<p>Add lengths, capacities and weights and compare the total to another total or a requirement. Convert standard units of length, capacity and weight</p> <p>Compare and order lengths, capacities and weights in different standard units</p> <p>Measure the perimeter of a simple shape</p> <p>Choose an appropriate measuring instrument</p> <p>Read values from an appropriate scale</p> <p>Read and compare temperature including temperature with negative values</p>	ELC 3			
Additional Teacher Notes		<ul style="list-style-type: none"> <li>• All component worksheets must be marked in line with mark schemes.</li> <li>• <b>All external assessments must be written in black pen and completed under exam conditions.</b></li> <li>• <a href="#">All ELC Resources here</a></li> <li>• <b>Note: Imperial measures are not in Edexcel awards, Functional Skills or GCSE</b></li> </ul>				

## Maths Scheme of Work – Entry Level 1

Component	Prior Knowledge From ELC 1	Learning Opportunities	Colour band	Edexcel Award	Functional skills	GCSE
7 Geometry	<p>Recognise and name squares, rectangles, triangles, circles, and cubes</p> <p>Compare and order a group of shapes or pictures or similar shapes of different size and recognise congruent shapes</p> <p>Use and understand positional vocabulary</p>	<p>Recognise and name shapes including pentagons, hexagons and octagons and identify a right-angled triangle from a set of triangles</p> <p>Recognise and name cuboids, pyramids and spheres</p> <p>Describe the properties of 2D shapes, including straight and curved edges</p> <p>Describe the properties of solids</p> <p>Understand angle as a measure of turn</p> <p>Component 7 worksheets <a href="#">here</a></p>				
Extension Opportunities		<p>Recognise and name prisms, cylinders and cones</p> <p>Draw lines of symmetry on shapes or pictures</p> <p>Recognise and draw nets of cubes and cuboids</p> <p>Identify whether an angle is less or more than a right angle</p> <p>Identify horizontal, vertical and parallel lines</p> <p>Denote the position of a point on a grid by its coordinates or identify a point or item given its coordinates</p> <p>Use North (N), East (E), South (S) and West (W) to give directions or position from a map</p>	ELC 3			
Additional Teacher Notes		<ul style="list-style-type: none"> <li>All component worksheets must be marked in line with mark schemes.</li> <li>All external assessments must be written in black pen and completed under exam conditions.</li> <li>All ELC Resources <a href="#">here</a></li> </ul>				

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8 Statistics	Sort and classify objects using a single criterion Interpret and draw conclusions from a list or group of objects Construct and interpret simple line graphs	Sort and classify objects using more than one criterion Collect information by survey Record results in lists, tally charts and tables Construct and interpret pictograms where one picture represents one item Interpret simple tables, diagrams, lists and graphs Component 8 worksheets <a href="#">here</a>				
Extension Opportunities		Construct and interpret bar charts with the vertical axis scaled in ones or twos Construct and interpret pictograms where one picture represents more than one item Extract numerical information from lists, tables, diagrams and charts Complete a frequency table given the original list of results Complete a tally chart and the resulting frequency table Compare two or more diagrams Solve one-step and two-step problems based on statistical information	ELC 3			
Additional Teacher Notes		<ul style="list-style-type: none"> <li>All component worksheets must be marked in line with mark schemes.</li> <li>All external assessments must be written in black pen and completed under exam conditions.</li> <li>All ELC Resources <a href="#">here</a></li> </ul>				