

Lesson Breakdown Summery

Functional Skills Mathematics Level 1

Autumn 1	<p>Understand and use whole numbers</p> <ul style="list-style-type: none"> • Understand place value • Write a number in words and in figures • Put whole numbers in order • Use of the terms odd, even, multiple, factor 	<p>Understand negative numbers in practical contexts</p> <ul style="list-style-type: none"> • Recognise but not calculate, e.g. identify the warmest and coldest from a set of temperatures • Use temperatures 	<p>Add, subtract, multiply and divide whole numbers using a range of strategies</p> <ul style="list-style-type: none"> • Add, subtract, multiply and divide positive and negative whole numbers 	
Autumn 2	<p>Understand and use equivalences between common fractions, decimals and percentages</p> <ul style="list-style-type: none"> • Understand equivalent fractions • Convert between fractions, decimals and percentages • Shade a fraction on a grid • Order common fractions 		<p>Add and subtract decimals up to two decimal places</p> <ul style="list-style-type: none"> • Add decimals • Subtract decimals • Addition and subtraction with money 	<p>Solve simple problems involving ratio, where one number is a multiple of the other</p> <ul style="list-style-type: none"> • Share an amount in a ratio (1:n) • Use ratios to find quantities, e.g. simple map scale, parts in a mixture • Simple proportion, e.g. scaling up/down
Spring 1	<p>Use simple formulae expressed in words for one- or two-step operations</p> <ul style="list-style-type: none"> • Substitute numbers into a formula in words 	<p>Solve problems requiring calculation, with common measures including money, time, length, weight, capacity and temperature</p> <ul style="list-style-type: none"> • Use addition, subtraction, multiplication and division in context 		



Lesson Breakdown Summery

Functional Skills Mathematics Level 1

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Spring 2</p>	<p>Convert units of measure in the same system</p> <ul style="list-style-type: none"> • Convert between metric measures (length, weight, capacity) • Convert between hours, minutes and seconds 	<p>Work out areas and perimeters in practical situations</p> <ul style="list-style-type: none"> • Find area and perimeter of rectangles and squares • Find areas and perimeters of compound shapes made from rectangles by counting squares 	<p>Past papers- practise</p>	
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Summer 1</p>	<p>Construct geometric diagrams, models and shapes</p> <ul style="list-style-type: none"> • Measure angles in 2D shapes • Measure lengths • Draw 2D shapes using a ruler and protractor 	<p>Extract and interpret information from tables, diagrams, charts and graphs:</p> <ul style="list-style-type: none"> • Tally charts • Pie charts • Pictograms • Bar charts • Line graphs • Conversion graphs • Mileage charts 	<p>Collect and record discrete data and organise and represent information in different ways.</p> <ul style="list-style-type: none"> • Design a data collection sheet • Identify information from a table • Calculate with information from a table 	<p>Past papers- practise</p>



Lesson Breakdown Summery

Functional Skills Mathematics Level 1

Summer 2	Find mean and range <ul style="list-style-type: none">• Mean of discrete data• Range of discrete data	Use data to assess the likelihood <ul style="list-style-type: none">• Put events in order of likelihood on a probability scale• Justify decisions based on the probability scale• Explain results from the context of statistical diagrams and calculations	Past papers- practise	Revision
----------	---	--	------------------------------	-----------------

