

Securing Essential Knowledge at Chew Valley School – Maths

<u>Year 7 Maths</u>	https://sparxmaths.com/
<u>Term 1</u>	
Sequences	M381, M241
Introduction to algebra.	M813, M830
<u>Term 2</u>	
Place Value and Ordering Integers and Decimals	M763, M704, M522
Fraction, decimal and percentage equivalence.	M958, M264, M553
<u>Term 3</u>	
Solving Problems with Addition and Subtraction	M928, M429, M347, M152
Solving problems with multiplication and division.	M911, M187, M803, M354, M262
<u>Term 4</u>	
Four Operations with Directed Number	M527, M106, M288
Addition and subtraction of fractions.	M835, M931
<u>Term 5</u>	
Constructing, Measuring and using Geometric Notation	M780, M331, M814, M985, M196, M565
Developing geometric reasoning.	M319, M653, M606, M124, M377
<u>Term 6</u>	
Developing Number Sense	M522, M878, M757, M952, M409, M637
Sets and probability. Multiples, prime numbers and proof.	M655, M941, M938, M829, M834, M718
<u>Year 7 Key Vocabulary List</u>	

<u>Year 8 Maths</u>	
<u>Term 1</u>	
Ratio and scale, multiplicative change. Multiplying and dividing fractions	M885, M801, M478, M157, M110, M197, M265
<u>Term 2</u>	
Working in the cartesian plane, representing data, tables and probability.	M618, M460, M738, M718, M210
<u>Term 3</u>	
Brackets, equations and inequalities, sequences and indices.	M237, M792, M960, M707, M509, M554, M381, M120
<u>Term 4</u>	
Fractions and percentages, standard index form, number sense.	M235, M264, M958, M553, M719, M608, M522, M878
<u>Term 5</u>	
Enlargement and similarity, solving ratio and proportion problems, rates.	M178, M377, M324, M885, M472, M665, M448, M681
<u>Term 6</u>	
Probability, algebraic representation.	M655, M938, M829, M834, M813, M830, M417
<u>Year 8 Key Vocabulary List</u>	

<u>Year 9 Maths</u>	
<u>Term 1</u>	
Probability, algebraic representation.	M655, M938, M829, M834, M813, M830, M417
<u>Term 2</u>	
3D shapes, constructions and congruency.	M767, M518, M229, M884, M534, M661, M936, M765, M722, M697, M985, M196, M565, M232, M239, M253, M124
<u>Term 3</u>	
Numbers using percentages, maths and money.	M437, M905, M476, M533, M528, M901
<u>Term 4</u>	
Deduction, rotation and translation; Pythagoras' Theorem.	M319, M606, M910, M139, M677, M147
<u>Term 5</u>	
Enlargement and similarity, solving ratio and proportion problems, rates.	M178, M377, M324, M885, M472, M665, M448, M681
<u>Term 6</u>	
Probability, algebraic representation.	M655, M938, M829, M834, M813, M830, M417
<u>Year 9 Key Vocabulary List</u>	

At KS4, Year 10 and 11 you will study the five areas over the two years	
Foundation Tier (Graded 1-5)	
Number	U417, U478, U127, U293, U453, U868, U742, U548
Algebra	U613, U201, U105, U662, U179, U768, U365, U178, U755, U325, U870, U599
Ratio, Proportion and Rates of Change	U902, U102, U388, U151, U256, U687, U753, U176, U577, U721, U357
Geometry and Measures	U993, U970, U351, U945, U424, U265, U447, U390, U730, U628, U826, U385, U196, U799
Statistics & Probability	U803, U408, U510, U683, U166, U104, U476, U280, U558, U526, U291, U508, U590, U199

Higher Tier (Graded 4-9)	
Number	U985, U772, U299, U694, U264, U290, U161
Algebra	U606, U858, U397, U589, U665, U133, U437, U294, U685, U457, U824, U505, U895, U448, U996, U547, U434, U168, U898, U769, U980, U593, U229, U598, U487, U455, U800, U882, U567, U582
Ratio, Proportion and Rates of Change	U595, U865, U676, U407, U138
Geometry and Measures	U170, U450, U952, U591, U592, U630, U110, U459, U251, U489, U130, U808, U541, U334, U350, U560, U134
Statistics & Probability	U185, U814, U983, U267, U642, U837, U507, U840, U246, U699, U821, U806, U369
Key Stage 4 Key Vocabulary List	