

1. Curriculum map by Year 8 : (to be added to school website) Implementation



		Lesson Focus	Homework	Assessment	Enrichment	
Autumn 1	01.09.20	Week 1	Pre-Test on Number and feedback. Understanding number (ordering & rounding)	Written homework retrieval practice on prior knowledge	Pre-Test on Number and feedback	
	07.09.20	Week 2	Calculating (four operations – add, subtract, multiply and divide). Factors, multiples and prime numbers, LCM and HCF.	Hegarty Maths homework on use of Factors, multiple and prime numbers	Low stakes quiz - Ordering and rounding, Four operations, Factors etc	
	14.09.20	Week 3	LCM and HCF, Indices - Squares, cubes and roots. Indices – Square, cubes and roots	Written homework on factors and multiples, LCM and HCF		
	21.09.20	Week 4	BIDMAS. Using a Calculator	Hegarty Maths homework on using a Calculator	Low stakes quiz — LCM, HCF, Indices, BIDMAS and Calculator.	
	28.10.20	Week 5	Pre- test on FDP and feedback, Equivalent fractions, Adding and subtracting fractions (in Mixed Numbers). Multiplying, dividing fractions, fractions of an amount. (Inc. Mixed Numbers)	Written homework on equivalent fractions and adding and subtracting fractions		
	05.10.20	Week 6	Percentage of an Amount, Simple and compound interest. Compound interest, Reverse Percentages	Hegarty Maths homework on Reverse percentages		
	12.10.20	Week 7	Percentage Change and Revision. Post-test on Number	Revision on all topics taught in term 1.	Post-Test on Number & FDP and feedback	
	19.10.20	Week 8	Feedback on Number Post-test	Homework based on their WWW and EBI		
Autumn 2	02.11.20	Week 9	Pre-test on algebra and algebraic terminology Expressions	Written homework on expressions	Pre- test	
	09.11.20	Week 10	Substitution. Collecting like terms	Hegarty maths homework on substitution	Low stakes quiz (Reverse percentages, algebraic terminology, expressions and substitution)	
	16.11.20	Week 11	Expanding Brackets and Factorising	Written homework on factorising		
	23.11.20	Week 12	Solving equations (1)	Hegarty maths homework on solving equations (1)	Low stakes quiz- Expressions, substitution, collecting like terms and expanding	

			Solving equations (2)			
	30.11.20	Week 13	Algebraic fractions. Sequences	Written homework on sequences		
	07.12.20	Week 14	Revision	Hegarty maths homework to revise on spring topics- (Algebraic terminology, expressions, substitution, collecting like terms and expanding).		
	14.12.20	Week 15	Post- test on algebra and feedback	Homework based on their WWW and EBI	Post-test on algebra	
Spring 1	04.01.21	Week 16	Pre-test on ratio & proportion. Writing Ratio (from an image, words, more than two parts, using multiplicative reasoning).	Written homework on writing ratio		
	11.01.21	Week 17	Equivalent Ratio (simplify a two part ratio, ratio with decimals, fractional ratio, ratio in the form of 1:n)	Hegarty maths homework on equivalent ratio	Low stakes quiz (writing ratio and equivalent ratio)	
	18.01.21	Week 18	Using Ratio (finding ratio given one value, sharing a total, etc.)	Written homework on sharing ratios.		
	25.01.21	Week 19	Ratio and Fractions (writing part of a ratio as a fraction, finding probability, write a ratio from a given FDP).	Hegarty maths homework on ratio and fractions.	Low stakes quiz (Using ratio, ratio & fractions)	
	01.02.21	Week 20	Combining Ratio (with common values, two ratios using LCM form a common value)	Written homework on combining ratios.		
	08.02.21	Week 21	Combining ratio (with common total & a common difference)	Hegarty maths homework on combining ratios.	Low stakes quiz (Using ratio, ratio & fractions, combining ratios)	
Spring 2	22.02.21	Week 22	Unitary method (Use the unitary to find the value of 1, Direct proportion)	Written homework on unitary method.		
	01.03.21	Week 23	Unitary method (Inverse proportion & change between quantities).	Hegarty maths homework on unitary method.	Low stakes quiz (combining ratios and unitary method).	
	08.03.21	Week 24	Unitary method (solve best value problems & Solve recipe problems).	Written homework on best value and recipe type problems.		
	15.03.21	Week 25	Compound measure (use the SDT formula convert from minutes and hours, use the DMV formula).	Hegarty maths homework on compound measure.	Low stakes quiz (unitary method & compound measures)	
	22.03.21	Week 26	Compound measure (find the volume of prisms, pyramids, cylinders and cones, using the FMA formula, etc.).	Written homework on compound measure.		

	22.03.21	Week 27	Revision.	Hegarty maths homework on ratio and proportion		
	29.03.21	Week 28	Post-test on Ratio & Proportion & Feedback	Homework based on their WWW and EBI	Post-test on ratio and proportion	
Summer 1	19.04.21	Week 29	Pre- test on Probability & statistics.	Hegarty maths homework on basic averages and range	Pre- test on Probability & statistics	
	26.04.21	Week 30	Discrete data - Writing list of data with given averages and range.	Written homework on finding mean, mode, median and range from discrete data (list)		
	03.05.21	Week 31	Discrete data - working out Averages in a table	Hegarty maths homework on finding mean, mode, median and range from discrete data (in a table)	Low stakes quiz (averages and range)	
	10.05.21	Week 32	Continuous data – working out Averages in a table	Written homework on finding mean, mode, median and range from continuous data in a table.		
	17.05.21	Week 33	Statistical Diagrams (Pictogram, bar chart, comparative bar chart, 2 way tables, reading data tables, line graphs)	Hegarty maths homework on interpreting and representing comparative bar chart, two way tables, reading data tables	Low stakes quiz (Averages and range from discrete and continuous data)	
	24.05.21	Week 34	Statistical Diagrams (Time series graphs, pie charts, scatter graph)	Written homework on time series graph, pie charts and scatter graphs		
Summer 2	07.06.21	Week 35	Low stakes quiz	Hegarty maths homework on averages and statistical diagrams.	Low stakes quiz (recap)	
	14.06.21	Week 36	Venn Diagrams - Identify and represent sets. Interpreting Venn diagrams	Written homework on Venn diagrams (interpret and represent)		
	21.06.21	Week 37	Probability - Write a sample space diagram (list) for one event, Write a sample space diagram for 2 events, Work out the probability of a single event.	Hegarty maths homework on probability with sample space diagram.	Low stakes quiz (Venn diagrams)	
	28.06.21	Week 38	Probability - Work out experimental probabilities, Work out the probability of a single event not happening, Use of a probability scale.	Written homework on probability (experimental probabilities)		
	05.07.21	Week 39	Find probabilities from a sample space diagram, a 2-way table, a Venn diagram. Introduce product rule for counting the total number of outcomes.	Hegarty maths homework on finding probabilities from a sample space diagram, two way table and Venn diagram.	Low stakes quiz (Probability)	
	12.07.21	Week 40	Revision	Written homework on averages, venn diagrams, statistical graphs and probability)		
	19.07.21	Week 41	Post- test on Probability & Statistics	Hegarty maths homework based on their WWW and EBI	Post- test	