Topic	FOUNDATION GCSE REVISION (3-5)	Grade	Hegarty Maths Video Clips	Date to Revise	Revised ✓
Types of number	Types of number	3	99, 100, 101	20/04	
	BIDMAS	3	24, 44, 120, 150		
	Multiples, factors & prime factors	3,4	27, 31, 32, 33,		
	LCM, HCF	5	34, 35, 36		
Fractions	Equivalent fractions	3	59, 61, 63, 64	27/04	
	Multiplication & division of fractions	3	67-72		
	Addition & subtraction of fractions	4	65, 66		
Fractions	Fractions of amounts	3	62, 77-80	04/05	
	Fractions, decimals & percentages ordering	3	45-46, 60, 73-76, 149		
	Multiplying & dividing with decimals	3	48-51, 135-136		
Rounding	Rounding & significant figures	3	17, 56, 134, 130	11/05	
	Estimating	4	129, 131-133		
	Rounding errors	5	774-776		
Indices	Numbers into standard form	4	121-124	18/05	
	x, ÷, + & - in standard form	5	125-128		
Basic algebra	Basic rules	3	151-159, 175	01/06	
	Powers & roots	4,5	173-174, 102-107		
Simplifying terms	Expand single brackets	3	160-161	08/06	
	Expand double brackets	4,7	162-165		
Simplifying terms	Factorise expressions	4	167-171, 221, 223, 224	15/06	
	Difference of two squares	5			
Solving equations 1	Solve equations with brackets	4	176-183, 188-189, 184-186	22/06	
	Solve equations with x on both sides	3			
Rearranging	Rearrange formulas	5	280-287	29/06	
Expressions & Functions	Evaluating	2	780-783	06/07	
	Forming	3,4,5	151-155, 188		
Solving equations 2	Quadratic equations and expressions	5	222, 230, 234	13/07	
Sequences	nth term for linear sequences	3,4	196-198	07/09	
	Other types of sequences	3, 5	261, 263, 264, 247		
Inequalities	Solve linear inequality in 1 or 2 variables	5	269-272	14/09	
	Draw solutions on a number line	4	265-268		
Sim. equations	Simultaneous equations by elimination	5	190-195	21/09	
Money	Working with money	3-5	747-767	28/09	
	Currency conversion	4	707-708		
Proportion	Recipes	3	739-742	05/10	
	Best Buys	4	763-772		
Graphs	Coordinates	2	199	12/10	
	Midpoints	4	200		
	Plotting straight line graphs	3	205-207		
	Gradient	3	201-204, 214		
	y = mx + c (plus parallel lines)	4,5	208-213		
Graphs	Quadratic graphs	5	251-257	19/10	
	Other graphs	5	298-301		
	Solving equations using graphs	4,5	217, 218-220		
Real life graphs	Real life graphs	5	712-713, 897-902	02/11	
	Distance time graphs	3	874-880		
Ratio	Ratio in simplest form	3	328-331	09/11	
	Dividing in a given ratio	4	332-334		
	Writing ratios as fractions	3	330		
	Direct & inverse proportion	4	339-348		
	Ratio problems	4, 5	335-338		

Percentages	Percentage increase & decrease	3	84-90	16/11	
	Writing a quantity as a percentage of another	3	Corbett Vid 237		
	Reverse percentage	4	96		
	Finding the percentage change	4	97		
	Problems with percentages	5	98		
	Simple & compound interest	4, 5	91-95		
Compound measures	Unit conversions	1	691-697, 705-706	23/11	
	Area & volume conversions	4	698-704, 714-715		
	Time	2	709-711		
	Speed, density & pressure	4	716-731, 737-738		
Angles	Basics	1	455-461	04/01	
	Angle rules	3	812-815, 477-		
	Angles on parallel lines	3	487, 560-564		
	Angle problems	3	488-497, 565		
	Interior & exterior angles	3			
Congruence & similarity	Properties of shapes	2	822-828	11/01	
	Congruent shapes	5	680-683		
	Similar shapes	5	608-614		
Transf'tions	Reflection, Rotation, Translation, Enlargement	4	637-654	18/01	
Area, perimeter & volume	Area & perimeter of triangle & quadrilaterals	3,4	549-559	25/01	
	Area & circumference of circles	3	534-541		
	Length of arcs & area of sectors	5	544-547		
Volume & surface area	Names and parts of solids	1	829-832	01/02	
	Surface area	3,5	584-591		
	Volume of prisms	2	568-575		
	Volume of spheres, pyramids, cones & frustums	5	576-582		
	Nets of 3D shapes, plans and elevations	3	833-844		
Loci	Triangle constructions, drawing loci, construct perpendicular bisectors & angle bisectors	3, 4	660-669, 674-679	08/02	
	Bearings	3,4	492-496		
	Maps and scale drawings	2,3	864-871		
Pythagoras & trigonometry	Pythagoras' theorem	4	497-499, 501-502	22/02	
	SOH CAH TOA	5	508-515		
	Common values for trigonometry	5	Corbett Vid 341		
Vectors	Vectors	5	622-626	01/03	
Probability	Probability basics, probabilities sum to 1	2, 3	349-354	08/03	
	Listing all outcomes	4	670		
	Relative frequency	4	355-357		
	Frequency trees	4	368-369		
	Combined probability	5	358-360		
	Tree diagrams	5	361-363		
Venn diagrams	Set notation and Venn diagrams	5	370-380, 384	15/03	
		5			
Sampling	Sampling and bias	3	392-398	22/03	
	Data collection	2	399-403		
Averages	Mean, median, mode & range, averages from frequency tables, averages from grouped frequency tables	4	404-410, 413-417	29/03	
		4			
		5			
	Averages problems	5	419-420		
Charts & graphs	Simple charts and graphs	1	425-426	19/04	
	Two way tables	2	422-424		
	Time series	3	452		
	Pie charts	3	427-429		
	Scatter diagrams & line of best fit	3,4	453-454		