

GCSE Key skills for Grade 4/5 2017

JustMaths:

<http://online.justmaths.co.uk/>

Login: KingEdStudent Password: KingEd

VLEMathsWatch:

<https://vle.mathswatch.com/vle/>

Login: (student no)@king-ed Password: (date of birth e.g. 011001)

Skills in bold are the higher grade 5 skills

Statistics	JustMaths	VLEMathsWatch clip	1 st Check	2nd Check
Two way tables	1	61		
Frequency trees	2	57		
Scatter graphs	3	129		
Stem and Leaf		128b		
Venn diagrams	8	127		
Averages	9	62		
Averages from a table	10 & 11	130a		
Frequency Diagrams	12	65b		
Pie Charts	17	128		
Probability from a table	35			
Probability trees	36	151 & 175		
Conditional probability	37			
Cumulative frequency	57	186		
Box plots	58	187		
CF and box plots	59			
Number				
Product of Prime Factors	4	78		
Multiples in context	5			
Standard Index Form	6 & 7	83		
Ratio	29	106		
Proportion	30			
Best Value	31	41		
Percentage	32	86-89 & 108 & 109		
Interest and Growth	33	164		
Depreciation and Decay	34	164		
Use of calculator	45	77		
Exchange rates	46	105		
Estimation	47	91		
Fractions		71 & 73 & 74		
Order of Operations		75		

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Algebra				
Forming and Solving Equations	44	137		
Index laws	48	82		
Inequalities	49	138 & 139		
Expand and simplify	52	93		
Expand and simplify 2	53	134a		
Factorising	54	94		
Factorising 2	55	157		
Sequences and nth term	56	103		
Real life graphs	20			
Straight line graphs	21	96 159		
Quadratic and cubic graphs	22	98		
Transformations				
Enlargements	23	148		
Negative & fractional enlargements	24			
Reflections	25	48		
Rotations	26	49		
Reflections with rotations	27			
Translations	28	50		
Mensuration				
Plans and elevations	38	51		
Circles	39 & 40	117 & 118		
Surface area	41	114		
Similar shapes	42 43	144		
Area Problems		53-56		
Volume	41	115 119		
Geometry				
Pythagoras	13 & 14	150		
Trig - finding sides	15	168		
Trig - finding angles	16	168		
Pythagoras with trig	19			
Bearings	18	124		
Angles in triangles and straight lines		45		
Alternate/corresponding angles	50	120		
Interior & Exterior angles	51	123		
Constructions		145 146		