

Kanagaroo Schemes of Learning - Y10/11 - 2022/23

Set 1	Set 2	Set 3	Set 4	Set 5	Set 6
Grades 7 & 8	Grades 6 & 7	Grades 5 & 6	Grades 4 & 5	Grades 4	Grades 3 & 4
Higher tier	Higher tier	Higher tier	Foundation tier	Foundation tier	Foundation tier
Surds	111-119	Surds	111-119	Surds	497-504 Pythagoras problems
Pythagoras 3D	505-507	Pythagoras 3D	505-507	Pythagoras 3D	508-515 Trigonometry & exact values
Trigonometry problems & exact values	508-515	Trigonometry problems right angled triangles & exact values & 3D	508-515	Trigonometry & exact values	508-515 Trigonometry & exact values
Sine & Cosine rule	520-533	Sine & cosine rule	592-606	Circle theorems (including algebraic problems)	137-140 Estimating, error intervals
Area of triangles trigonometry	516-519	Area of triangles trigonometry	622-636	vectors	534-547 Area & circumference of circles
Algebraic fractions	172, 229	Algebraic fractions	395-398	Stratified sampling	102-110 Volume and surface area of Prisms
Solving quadratic equations (factorising, completing the square, formula)	230-242	Solving quadratic equations and inequalities (factorising, completing the square, formula)	230-242	Solving quadratic equations (factorising, formula)	199-214 Linear graphs $y = mx+c$ & quadratic
Bounds calculations & error intervals	137-140	Bounds calculations & error intervals	137-140	Bounds calculations & error intervals	251-255 Draw & use quadratic graphs
Half term					
Area & perimeter of segments		Area & perimeter of segments (recap sectors)	88-98	Percentages, compound & reversing	592- 606 Solving simultaneous equations
Circle Theorems	592-606	Circle theorems (including algebraic problems)		Solving simultaneous equations	88-98 Percentages, increase, decrease, compound, reverse
Circle theorems algebraic	592-606	Graphical inequalities		Graphs: gradients & Area under	190-195 Angles within parallel lines and polygons
Direct & indirect proportion (formal notation)	339-348	Direct & indirect proportion (formal notation)	339-348	Direct & indirect proportion (formal notation)	637-658 Transformations of shapes on a co-ordinate grid
Similar shapes, length, area & volume	608, 621	Similar shapes, length, area & volume	608, 621	Similar shapes, congruent triangles	608-621 Similar shapes (length)
Sequences recap (nth term of quadratic, geometric progression)	278-287	Re-arrange formula, substitution into formulas	278-287	Transformations	339-348 Direct proportion & conversion graphs
Composite functions	288-297	Composite functions	288-297	Transformations	637-658 Speed, density & pressure
Probability recap (trees, set notation, venn)	383-391	Probability recap (trees, set notation, venn)		Probability recap (trees, set notation, venn)	358-369 Probability trees & frequency trees
Simultaneous quadratic equations	246	Simultaneous quadratic equations	111-119	Surds	659-679 Constructions & loci
Iteration	321-322	Iteration recap	321-322	Re-arrange formula, substitution into formulas	637-658 mean & other averages from tables, reversing the mean
Graphs perpendicular & parallel	200-216	Graphs perpendicular & parallel	199-214	Linear graphs $y = mx+c$ & quadratic	162-166 & 222-228 Factorising & expanding brackets (including quadratics)
	437-449	cumulative frequency, box plots	200-216	Graphs perpendicular & parallel	230-242 Solving quadratic equations (factorising, using the formula)
	622-636	vectors	622-636	vectors	102-110 Indices
constructions & loci recap	659-679	Constructions & loci recap	659-679	Constructions & loci	278-287 Rearrange formulas
Histograms	442-449	Histograms	442-449	Histograms	453-454 Inequalities (solving, number line)
Graphs (turning points, area under curve)	252-257	Graphs (turning points, area under curve)	252-257	Graphs (turning points, area under curve)	492-496 Bearings
velocity time graphs	880-886	Velocity time graphs	880-886	Distance Time / Velocity time graphs	874-879 Distance time graphs
Translations of functions	314-320	Equations of circles	576-583 587-591	spheres, pyramids, cones, frustums	576-583 587-591 spheres, pyramids, cones,
Equations of circles	261-264, 198, 247-250	Sequences recap (nth term of quadratic, geometric progression)	395-398	Stratified sampling	339-348 Indirect proportion
	637-658	Transformations	637-658	Transformations recap	757 Bank Statements
	307-314	Translations of functions	414-418 407-409	Mean from tables & reversing the mean	437-449 cumulative frequency & box plots

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	<p>Website containing videos and tasks. This will be the site online homework tasks will be set on throughout the year.</p>	Kibworth	Follow the instructions
	<p>Website contains exam questions sorted by topic and answer booklets to go with them. Organised by grade.</p>		
	<p>Website contains exam questions, videos, mini assessments (5 a day)</p>		
	<p>Website containing exam style questions. Organised by grade.</p>		