Term One

Unit	Detailed topic		CTL Topics	Link to resources
Number	Rounding significant figures and estimation	2		Dr Austin
Algebra	Solving equations recap	1		Maths Genie
	Expand and simplify double brackets recap	1		Corebett Maths
	Factorise linear and quadratic expressions (with a coefficient of 1) (a>1)	3		Dr Austin Dr Austin-Quadratic
	Change the subject of the formula – multi-step extend to having to factorise x	3		Dr Austin
	Index Laws – including introduction to fractional and negative indices	4		Dr Austin Maths Genie
Shape	3D nets (matching)	1		Corbett Maths
	Circles – area and circumference including reverse to find radius CALC	2		Corbett Maths Area Corbett Maths-Circumference CP3-A CP3 - C
	Surface area of cubes and cuboids	1		Dr Austin
	Volume of cylinders including reverse? CALC	2		Corbett Maths CP3
	Converting units: area and volume, capacity and mass	2	Length conversion	Dr A – length Dr A-Capacity
	Pythagoras' Theorem – including multi-step problems and worded problems CALC	4		Corbett Maths
Number (CALC)	Percentages of amounts and increase/decrease	2		Dr Austin
	Reverse percentages	2		Dr Austin
	Compound interest	2		Dr Austin
	Speed/Distance/Time	2		Dr Austin-D and T Dr Austin-Speed

Term Two

Unit	Detailed topic	No. of lessons	CTL Topics	Link to resources
Data	Pie charts	3		Dr Austin
	Mean, median, mode from tables including grouped data	3		
Algebra	Patterns (Find the next term) Special sequences (Fibonacci, triangular, …) Find the nth term of a sequence and check if a term is in a sequence Drawing straight line graphs from a table of values CALC (table function)	1		Corebett Maths
		1		Dr Austin
		1		Dr Austin-Find nth term Dr Austin-Using nth term
		2		Dr Austin
Shape	Trigonometry – SOH CAH TOA Include combination with Pythagoras in problem solving questions CALC	3		DR Austin-Worksheet 1 Dr Austin-Worksheet 2
	Angles in parallel lines – alternate, corresponding and co-interior. Include opposite angles. Special quadrilaterals	4		Corbett Maths
	Interior and exterior angles of polygons CALC	3		Corbett Maths

Term Three

Unit	Detailed topic	No. of lessons	CTL Topics	Link to resources
Algebra	Find the gradient of a line from a graph Equation of a line from a graph (y=mx+c)	1	y=a x=a and y=x	Dr Austin
		2		Dr Austin
Data	Simple probability Expected/Relative Frequency Listing outcomes from sample spaces Tree diagrams – dependent and independent events	1		Dr Austin Dr Austin
		1		Dr Austin
		3		Corbett Maths
Shape	Translation using vectors	1		Dr Austin
	Rotation	1		Dr Austin
	Reflection in an equation of a line including y=x	1		Dr Austin
	Enlargement including fractional scale factors	2		Dr Austin
	Describing transformations	2		Dr Austin