

Dates	Dates	UNIT	Foundation	Lvl	UNIT	Higher	Lvl	Homework
Sept	4th	N1	Squares, cubes and roots	6	N1	Finding HCF & LCM	5	
			Finding HCF & LCM	5		Numbers expressed as prime factors	5 to 6	
		Prime factor decomposition	5 to 6		LCM & HCF using prime factors	6		
		LCM & HCF using prime factors	6		Order of operations + - x / () powers	5		
	11th	Order of operations + - x / () powers	5		Directed Numbers + -	5	OWN HW	
		Directed Numbers + -	5		Directed Numbers x /	5		
		Directed Numbers x /	5		Simplifying numbers with indices	7		
		Simplifying numbers with simple indices	7		Fractional indices	7		
	18th	Simplifying numbers with indices	7		Consider roots and their approximations	7	OWN HW	
		Consider roots and simple approximations	7					
				A1	Describe and generate sequences	5		
	25th	A1	Coordinates in four quadrants	4		Find the midpoints of lines	5	
			Describe and generate sequences	4		Finding the general term (n th term) for linear	5	OWN HW
			Recognise geometric sequences	5		Finding the simple general term for quadratic	7	
			Find the midpoints of lines	5		Draw linear graphs	6	
			Finding the general term (n th term) for linear	5		Find gradients	6	
Oct	2nd		Finding the simple general term for quadratic	7		Find the Equation of a line	6	N1 Homework1
			Draw linear graphs	6		Find the Equation of a line $y = mx + c$	6	
		Describe gradients	6	P1	The probability of events	5		
		P1	The probability of events	5	Equally likely and mutually exclusive outcomes	6		
	9th		Mutually exclusive outcomes	6		Probability of two or more events	6	N1 Homework2
			Reading Frequency Trees	5		Reading & Constructing frequency trees	5	
			Constructing frequency trees	5		Constructing Venn Diagrams	6	
			Reading and using Venn Diagrams	5		Experimental prob & relative frequency	7	
	16th		Constructing 2 way Venn Diagrams	6		Tree diagrams equal probabilities	7	A1 Homework1
			Experimental prob & relative frequency	7		Tree diagrams changing probabilities	8	
		Probability Dice Activity - AFE			Probability Dice Activity - AFE			
	23rd	Half Term						
Nov	30th	G1	Using variety of conversion graphs	4	G1	Using variety of conversion graphs	4	A1 Homework2
			Converting between metric measures	5		Converting between metric measures	5	
		Converting between simple imperial measures	5		Converting between imperial measures	5		
		Perimeter and area of rectangles and triangles	6		Area of rectangles, triangles, parallelograms and trapeziums	6		
	6th	Area of parallelogram and trapezium	6		Area of Composite shapes	6	P1 Homework1	
		Area of Composite shapes with rectangles only	5		Area & Circumference of Circles	6		
		Area of Composite shapes	6		Area & Circumference of Circles	6		
		Surface area of cuboids	6		Surface area of cylinders	7		
	13th	Volume of cuboids	6		Volume of cylinders	7	P1 Homework2	
		Area & Circumference of Circles	6		Surface area of prisms (not using pythag)	7		
	Area & Circumference of Circles	6		Volume of prisms	7			
	Surface area of cylinders	7		Consider algebraic expressions for simple area and perimeter	6			
	20th	Testing			Testing			OWN HW
		Testing			Testing			
	27th		Volume of cylinders	7		Consider algebraic expressions for area and perimeter	7	OWN HW
			Consider algebraic expressions for simple area and perimeter	6	N2	Rounding and Estimating	7	
Dec						Four operations integers & decimals	6	
		N2	Rounding and Estimating	4-5		Multiplying and Dividing by decimals between 0 & 1	6	
	4th	Decimal places & Significant figures	5&7		Operations with Powers of 10	5	G1 Homework1	
		Four operations integers & decimals	5		Convert simple numbers to standard form	7		
		Four operations integers & decimals	6		Convert simple standard form to numbers	7		
		Multiplying by decimals between 0 & 1	6		Simple problems involving standard form	7		
	11th	Dividing by decimals between 0 & 1	6		Upper and Lower bounds	7	G1 Homework2	
		Operations with Powers of 10	5					
		Operations with Powers of 10	5	A2	Solving equations	5		

				Solving equations unknowns both sides	6	
18th	Activity - AFE to PLAN			Activity - AFE to PLAN		
	Christmas Holidays					
25th						
1st						
4th	Training day					
		Consider numbers written in standard form	7	Forming and solving equations	6	
8th		Convert simple numbers to standard form	7	Read solutions to simple equations on linear and quadratics	6/7	N2 Homework1
		Convert simple standard form to numbers	7	Rearrange simple formulae	6	
	A2	Solving equations	5	Rearrange formulae	6	
		Solving equations unknowns both sides	6	Solve simultaneous equations graphically	7	
15th		Solving equations unknowns both sides	6	Solve simultaneous equations	7	N2 Homework1
		Construct and solving equations	6	Solve simultaneous equations	7	
		Read solutions to simple equations on a linear graph		Represent inequalities on number lines	5	
		Represent inequalities on number lines	5	Solve inequalities in one variable	7	
22nd		Solve inequalities in one variable	7	Solve inequalities in two variables	7	OWN HW
		Rearrange simple formulae	6			
			G2	Calculating Angles	5	
	G2	Calculating Angles	5	Identifying Angles in Parallel lines C, Z, S	6	
29th		Calculating angles of triangles and quadrilaterals	6	Identifying Angles in Parallel lines C, Z, S	6	OWN HW
		Identifying Angles in Parallel lines acute, obtuse and Supp	6	Identifying Angles in Parallel lines give reasons	6	
		Identifying Angles in Parallel lines C and Z	6	Interior and exterior angles	6	
		Find any angles in parallel lines	6	Interior and exterior angles	6	
5th		Interior and exterior angles	6	Construction of shapes with lines and angles	5	A2 Homework1
		Interior and exterior angles	6	Construct loci of a point and line	6	
		Construction of shapes with lines and angles	5	Construct perpendicular bisectors	6	
		Constructing a triangle	5	Construct angle bisectors	6	
12th		Construct simple loci	6	Identify bearings	6	A2 Homework2
				Construct diagrams using bearings	6	
	N3	Equivalence, simplify, mixed and improper fractions	5			
		FDP equivalence and ordering	5	N3 FDP equivalence and ordering	5	
19th	Half Term					
27th		FDP equivalence and ordering	6	FDP equivalence and ordering	6	G2 Homework1
		Operations with fractions + -	6	Operations with fractions + -	6	
		Operations with fractions x /	7	Operations with fractions x /	7	
		Operations with fractions and mixed numbers	7	Operations with fractions and mixed numbers	7	
5th	Testing			Testing		
12th		Finding fractions of a quantity	5	Finding fractions of a quantity	5	OWN HW
		Fractions of a quantity problems	5	Fractions of a quantity problems	5	
		Convert recurring decimals to a fraction knowledge	6	Convert recurring decimals to a fraction knowledge	6	
				Convert recurring decimals to a fraction practical	8	
19th	S1	Line graphs for time series	6			OWN HW
		Composite Bargraphs	5	S1 Line graphs for time series	6	
		Drawing & drawing Pie Charts	6	Composite Bargraphs	5	
		Drawing & drawing Pie Charts	6	Drawing & interpreting Pie Charts	6	
		Reading frequency diagrams & polygons	6	Describing and constructing Scatter Diagrams	6	
26th		Step Graphs	7	Reading frequency diagrams & polygons	6	N3 Homework1
		Recognising and describing correlation	6	Constructing frequency diagrams & polygons	6	
		Construct scatter diagrams		Step Graphs	7	
				Reading cumulative frequency tables and graphs	8	
2nd	Easter Holidays					
9th						

April	16th	A3	TACTILES	5		Construct cumulative frequency graphs	8	N3 Homework1	
			Simplifying algebra + & -	5		Construct cumulative frequency graphs	8		
			Simplifying algebra x & /	7	A3	TACTILES	5		
			Index Notation	5		Simplifying algebra + & -	5		
	23rd		Expand single brackets	5		Simplifying algebra x & / including indices	7		S1 Homework1
			Expand double brackets	7		Expand brackets and simplify	7		
			Expand brackets	5 to 7		Substitution into formulae	5 & 6		
		Substitution into formulae	5 & 6		Deriving and using formula	6			
	30th		Deriving and using formula	6		Factorise linear expressions	6	S1 Homework2	
			Factorise linear expressions	6		Factorise simple quadratic expressions	7to8		
May	7th		BANK HOLIDAY			BANK HOLIDAY		OWN HW	
		Activity to PLAN			Activity to PLAN				
		R1	Finding percentages of quantities	5	R1	Finding percentages	5		
	14th		Finding percentages of quantities (harder)	5		Express one quantity as a percentage of another	6	A3 Homework1	
			Percentages increase and decrease	6		Percentages increase and decrease	6		
			Express one quantity as a percentage of another	6		Percentages increase and decrease	6		
			Ratio and proportion problems	4		Find the percentage change	7		
	21st		Unitary ratio	6		Unitary ratio	6	A3 Homework2	
			Simple direct proportion problems	5		Read and construct direct & inverse graphs	6		
			Simple direct & inverse proportion problems	6to7		Direct & inverse proportion problems	6 to7		
			Sharing in a ratio (2/3 amounts)	5		Sharing in a ratio	5		
	28th	Half Term							
June	4th		Sharing in a ratio - problems	5		Define the ratio then share	5 to 6	OWN HW	
		G3	Symmetry 2D and 3D	4	G3	Tesselation and congruence	5		
			Reflection in all mirror lines	5		Reflection in all mirror lines including on axes	6		
	11th		Rotation - centre on/off shape	5		Rotation - centre on/off shape including on axes	6	R1 Homework1	
			Translation	6		Translation using vector notation	6		
			Enlargement with no centre	6		Enlargement with centre	6		
			Enlargement with basic centre	6		Enlargement on axes	6		
	18th		Tesselation	5		Recognise and describe combinations	6	R1 Homework2	
			2d representation of 3d shapes	5		2d representation of 3d shapes	5		
			Plans and elevations	6		Plans and elevations	6		
	25th	Testing (papers in hall)			Testing (papers in hall)			G4 Homework1	
		Testing (papers in hall)			Testing (papers in hall)				
July	3rd	GAF WEEK			GAF WEEK			G4 Homework2	
		GAF WEEK			GAF WEEK				
	9th	S2	Mean, median, mode and range	5	S2	Mean, median, mode and range	5		
			Stem & Leaf diagrams	6		Most suitable average	6		
			Mean from listed frequency tables	7		Mean from listed frequency tables	7		
			Mean from listed frequency tables	7		Mean from grouped frequency tables	7		
	16th		Read data from two way tables	6		Represent data in two way tables	6		
		Cross Curricular Assessment based on S2 - PE			Cross Curricular Assessment based on S2 - PE				