Year 8 SOW 2019-20

Weeks 2 – 5 Unit 1 Number Estimate answers. Use written methods for the four operations to regatives. Calculate using squares, cubes and roots, BIDMAS. Prime factors, HCF and LCM. Christmas Holiday December Christmas Holiday March ARCH APRIL Weeks 3 – 8 Unit 2 Area and volume Area of a triangle, compound shapes, parallelogram and trapezium. Volume and surface area of cubes and cubids including mixed units. Nets and drawing on isometric paper. Plans and elevations. Weeks 19 – 21 Unit 5 Real life graphs Draw and interpret real life graphs Draw and interpret real life graphs from a range of sources. Week 30 Unit 7 lines and angles Solve problems involving angles by setting up equations. APRIL Weeks 3 – 37 Unit 3 Calculating with fractions of roof reactions. Apply the 4 operations. Apply the 4 operations. Convert between mixed and improper. Half Term Holiday Weeks 10 – 12 Unit 3 Statistics, graphs and interpret pre in charts, stem and leaf diagrams and scattergraph. Use a frequency table and two way table. Compare data through averages and range area of cubes and cubids including mixed units. Nets and drawing on isometric paper. Plans and department on interpret real flag paper. Plans and department on isometric paper. Plans and department on isometric paper. Plans and decimals and ratio paper. Plans and ra	SEPTEMBER		OCTOBER				NOVEMBER				DECEMBER	
Christmas Holiday Week 19 – 21 Unit 5 Real life graphs Draw and use a conversion graph, distance-time graph and line graph. Draw and interpret real life graphs from a range of sources. MARCH Meek 30 Unit 7 Lines and angles Unit 6 Decimals and ratio Round to decimals places and significant figures. Order numbers, positive and negative. Place value calculate with decimals. Apply decimals to ratio and proportion. Write unit ratios MARCH Meek 30 Unit 7 Lines and angles Interior and exterior angles of regular polygons. March Meek 30 Unit 7 Lines and angles Interior and exterior angles of regular polygons. March Meek 30 Unit 7 Lines and angles Interior and exterior angles of regular polygons. March Meek 30 Unit 7 Lines and weeks 21 Identify alternate and corresponding angles. Interior and exterior angles of regular polygons. Meeks 30 Unit 7 Lines and weeks 21 Identify alternate and corresponding angles. Interior and exterior angles of regular polygons. Meeks 30 Unit 7 Lines and weeks 21 Identify alternate and corresponding angles. Interior and exterior angles of regular polygons. Meeks 30 Unit 7 Lines and weeks 21 Identify alternate and corresponding angles. Interior and exterior angles of regular polygons. Meeks 43-44 Unit 10 Percentages, decimals and ratio Angles Classify quadrilaterals by their properties. Identify alternate and corresponding angles. Interior and exterior angles of regular polygons. Meeks 40-41 Revision n for end of Year All Mock Exams Angles Classify quadrilaterals by their properties. Identify alternate and corresponding angles. Interior and exterior angles of regular polygons. Meeks 40-41 Revision n for end of Year All Mock Exams Angles Angles Classify quadrilaterals by their properties. Identify alternate and corresponding angles. Interior and exterior angles of regular polygons. Meeks 40-41 Revision n for end of Year All Mock Exams Angles Angle	Weeks 2 – 5 Unit 1 Number Estimate answers. Use written methods for the four operations. Apply the four operations to negatives. Calculate using squares, cubes and roots. BIDMAS. Prime factors, HCF and		Weeks 6 – 8 Unit 2 Area and volume Area of a triangle, compound shape parallelogram and trapezium. Volur and surface area of cubes and cubo including mixed units. Nets and draw			Term	Unit 3 State and Draw and charts, so diagrams at Use a freque two way to data through range.	eks 10 – 12 tatistics, graphs nd charts and interpret pie , stem and leaf and scattergraph. equency table and table. Compare ugh averages and e. Recognise		13 - 14 Revisio n Lesson s and Mid Term	Week 15 – 16 Unit 4 Expressions and equations Simplify algebraic powers. Expand brackets. Form an expression.	
Unit 5 Real life graphs Draw and use a conversion graph, distance-time graph and line graph. Draw and interpret real life graphs from a range of sources. MARCH Meek 30 Unit 7 Lines and angles Unit 6 Decimals and ratio Round to decimals places and significant figures. Order numbers, positive and negative. Place value calculations, calculate with decimals. Apply decimals to ratio and proportion. Write unit ratios MARCH Meek 30 Unit 7 Lines and angles Interior and exterior angles of regular polygons. Meek 30 Unit 7 Lines and angles Interior and exterior angles of regular polygons. Meek 30 Unit 7 Lines and angles Interior and exterior angles of regular polygons. Meek 30 Unit 8 Calculating with fractions Order fractions. Apply the 4 operations. Convert between mixed and improper. Classify quadrilaterals by their properties. Identify alternate and corresponding angles. Interior and exterior angles of regular polygons. Week 36 – 37 Unit 9 Straight line graphs of Year and calculate the gradient. Plot graphs and calculate the gradient. Plot and identify equation of a	DECEMBER		JANUARY							MARCH		
Week 30 Unit 7 lines and angles Solve problems involving angles by setting up equations. Week 30 Unit 8 Calculating with fractions Order fractions. Apply the 4 operations. Convert between mixed and improper. Week 36 – 37 Unit 9 Straight line graphs Plot graphs and calculate the gradient. Plot and identify equation of a	Holiday	Draw a distanc	Init 5 Real I and use a co e-time grap d interpret re	ife graphs onversion graph, h and line graph. eal life graphs from	n, Round to decima h. significant figures. positive and negat calculations, can decimals. Apply decimals.			Ils and ratio als places and Order numbers, ive. Place value alculate with ecimals to ratio		Identi	Unit 7 Lines and angles assify quadrilaterals by their properties. httify alternate and corresponding angles. Interior and exterior angles of regular	
Unit 7 lines and angles Solve problems involving angles by setting up equations. Holiday Unit 8 Calculating with fractions Order fractions. Apply the 4 operations. Convert between mixed and improper. Unit 9 Straight line graphs Plot graphs And calculate the gradient. Plot and identify equation of a	MARCH		APRIL			MAY					JUNE	
	Unit 7 lines and angles Solve problems involving angles by			Unit 8 Calculating with fractions Order fractions. Apply the 4 operations. Convert between mixed and improper.		Unit 9 aight line graphs of graphs d calculate gradient. Plot and identify uation of a	38 Revision for End of Year Mock			40-41 Revisio n for End of Year Mock	42 End of Year	Unit 10 Percentages, decimals and fractions Recall FDP equivalence. Recognise recurring and terminating decimals. Order fractions. Write one number as a percentage of another,