Mathematics

Year 5: Spring Term

Maths Cultural Capital = In every lesson, where possible, try to include pedagogy so pupils are expected to apply their maths knowledge and skill to different problems and subject contexts across the curriculum.
Differentiation – Please see teachers' weekly planning for challenging the exceeding pupils and ensuring access for the emerging pupils. Also, refer to the SEND pupils IEP's to ensure their needs are included.
Minimum expectations for AfL strategies in Maths lessons = targeted questioning, mini whiteboards, peer talk, modelling.
Developing pupils' long term memory skills - use – LAST/LAST/LAST strategy linked to WALTs for the lesson.

Term	Week	National Curriculum Statement	WALT Intent	Success Criteria Impact	Key Questions and NC skills developed in the activities Implementation	Resources	Vocabulary
Spring 1	**Week 1 Measures**	*Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation including scaling*	WALT: *Use all four operations to solve problems involving measure*	I can use all four operations to solve problems involving measures		Measuring apparatus	Multiplication Division Addition Subtraction Measures Problems length volume mass decimal notation scaling
	Week 2 Measures	*Measure and calculate the perimeter of composite rectilinear Shapes in cm and m*	WALT: *Measure and calculate the perimeter of rectilinear shapes*	I can calculate the perimeter of shapes		geoboards	Perimetre Calculate Measure Centimetres metres
	Week 3 **Measures**	Calculate and compare the area of rectangles (including squares and	WALT: Calculate and compare the area of rectangles	I can calculate the area of a shape		Ruler Metre stick Squared paper	Area Square centimetre cm^2 Square metre m^2

		including using standard units, square centimetres (cm^2) and square metres ($m^{2)}$ & Estimate the area of irregular shapes		I can compare the area of a shape I know that areas are calculated in cm^2 and m^2		Ruler Metre stick Squared paper	Calculate Compare Standard units Area Rectangles square Estimate Regular irregular
	Week 4 **Fractions**	Compare and order fractions whose denominators are all multiples of the same number Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements>1 as a mixed number [for example, $^2/_5 + ^4/_5 = ^6/_5 = 1^1/_5$]	1a. Compare and order fractions whose denominators are all multiples of the same number 1b. Recognise mixed numbers and improper fractions 1c. convert from one form to the other 1d. write mathematical statements as mixed numbers	I can order fractions with multiples of the same number I can compare fractions with multiples of the same number I can convert Fraction from mixed number to improper fractions and vice versa		Fraction frames	Compare Order Fractions Denominators Numerators Multiples Mixed numbers Improper fractions Mathematical statement
	Week 5 **Fractions (including decimals and percentages*)***	Recognise the per cent symbol (%) and understand that percent relates to "number of parts per hundred", and write percentages as a fraction with denominator 100, and as a decimal	WALT: understand that percent relates to "number of parts per hundred" 1b. write percentages as a fraction with denominator 100, and as a decimal	I am aware that percent relates to "number of parts per hundred" I can write percentages as a fraction with denominator 100, and as a decimal		Decimal hundred squares	Percent (%) Symbol Percentages Fraction Decimal Denominator Number parts
	Week 6	Identify, name and write equivalent fractions of a given fraction, represented visually	WALT: Identify, name and write equivalent fractions of a given	I can identify and represent equivalent fractions visually		Fraction charts Fraction frames fraction cards	Equivalent fractions Represent visually

		including tenths and hundredths.	fraction				
Spring2	Week 1						
	Week 2						
	Week 3						
	Week 4						
	Week 5						
	Week 6						