Maths Progression of Skills (based on White Rose and Power Maths)

	F1	F2	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Using Measure	Make comparisons between objects relating to size, length, weight and capacity (Summer Term) Compare quantities using language such as “more” and “fewer” (Autumn/Spring Term)	Compare length, weight and capacity. (Autumn/Spring Term) To use the language Lightest/heaviest/ Tallest/ shortest/ Full, Empty /Half full/ quickest/ Slowest (Autumn/Spring Term) To compare, describe and solve practical problems for >length and heights. >weight >capacity >time (Autumn/Spring Term) To order and sequence 3 comparisons of measure. (Autumn/Spring Term) **ELG: No ELG for SSM**	Compare, describe and solve practical problems for : Lengths and height mass/weight capacity and volume Time Measure and begin to record the following: lengths and height mass/ weight capacity /volume time (hours, minutes, seconds)	Choose and use appropriate standard units to estimate and measure Length/ height in any direction Mass Temperature capacity to the nearest appropriate unit using rulers scales thermometers and measuring vessels Compare and order Length, mass, volume/ capacity and record the results using > <and =	Measure, compare, add and subtract lengths (m/cm/mm); mass (kg,g); volume/capacity (l/ml)	Convert between different units of measure Estimate compare and calculate different measures	Convert between different units of metric measure Understand and use approximate equivalence is between metric units an common imperial units such as inches pounds and pints Use all four operations to solve problems involving measure using decimal notation including scaling	Solve problems involving the calculation and conversion of units of measure using decimal notation up to three decimal places where appropriate Use, read, write and convert between standard units converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit and vice versa using decimal notations up to three decimal places Convert between miles and kilometres

Measurement: Money			Recognise and know the value of different denominations of coins and notes	Recognise and use the symbols for pounds (£) and pence (p) combine amounts to make a particular value Find different combinations of coins that equal the same amount of money Solve simple problems in a practical context involving addition and subtraction of money of the same unit including giving change	Add and subtract amount of money to give change using both pounds and pence in practical context	Estimate, compare and calculate different measures including money in pounds and pence	Use all four operations to solve problems involving measure for example money	

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Measurement: Time	Begin to describe a sequence of events using words such as "first", "then" (Summer Term – my day)	To sequence a familiar set of events both fictional and non-fictional (Autumn/Spring Term) To begin to understand the concept of time. (Autumn/Spring Term) To use the language of time – first, then, next, minute, today, tomorrow, yesterday etc. (Autumn/Spring Term) **ELG: No ELG for SSM**	Sequence events in chronological order using language for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening Recognise and use language relating to dates, including days of the week, weeks, months and years Tell time to the hour and half past the hour and draw hands on the clock face to show these times	Compare and sequence intervals of time Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on the clock face to show these times Know the number of minutes in an hour and the number of hours in a day	Tell and write the time from an analogue clock including using roman numerals from i too xii and 12 hour and 24 hour clocks Estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm ,morning, afternoon, noon and midnight Know the number of seconds in a minute and the number of days in each month, year and leap year Compare durations of events for example to calculate the time taken by a particular event or task	Read write and convert time between analogue and digital 12 and 24 hour clocks Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days	Solve problems involving converting between units of time	Use read write and convert between standard units converting measurements of time from a smaller unit of measure to a larger unit and vice versa

Measurement: Perimeter, Area, Volume					Measure the perimeter of simple 2D shapes	Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres Find the area of rectilinear shapes by counting squares	Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres Calculate and compare the area of rectangles including squares and including using standard units and estimate the area of irregular shapes Estimate volume for example using one centimetre cubed blocks to build cuboids including cubes and capacity for example using water	Recognise that shapes with the same area can have different perimeters and vice versa Recognise when it is possible to use formulae for area and volume of shapes Calculate the area of parallelograms and triangles Calculate estimate and compare volume of cubes and cuboids using standard units including cubic centimetres and cubic metres and extending to other units