Program     Number: Place value Negative numbers Count powers of 10 Read write up to 1,000,000 Round numbers Solve problems     Addition and Subtraction Mental 4/5 digit multiple of 10 Formal methods     Multiplication and Division Measure     Multiplicati Measure     Multiplicati on and Supared     Multiplicati on and Supared     Multiplicati on and Division Round numbers     Multiplication and Multiplication     Multiplication and Multiplication     Multiplication and Division Multiplication     Multiplication and Multiplication     Multiplication and Multiplication     Position and Multiplication       Round numbers Solve problems     Round numbers     Multiplication     Multiplication     Multiplication     Multiplication     Numbers     Position     and Binection       Multiplication     Roman Numerals     Fractions     Fractions     Fractions     Multiplication and Division Reasoning and problem solving     Multiplication and Division Multiplication and Division     Measurement A digit x 1 and digit 4 digit x 1 and digit 4 digit x 1 and digit 4 digit x 1 and digit 9 Scaling by fractions     Measurement Statistics     Measurement Area       Multiplying proper fractions number     Fractions mumber     Fractions Number     Fractions Simple rates     Multiplication and Division 4 digit x 1 and digit 1 therpret remainder accordingly Problem solving 1 therpret remainder accordingly Problem solving 1 merabals     Multiplication and Division Multiplication				Ye	ar 5					
Protion     Include measurement - all contexts Reasoning and problem solving     Measurement /Statistics     Measurement /Statistics     Measurement /Statistics       Princip     Fractions numbers and improper fractions     Fractions Equivalent Compare Order with denominators which are all multiples of the same number     Fractions Add and subtract where denominators are multiples of the same number     Multiplication and Division 4 digit × 1 and digit 4 digit + 1 digit Interpret remainders accordingly Problem solving Scaling by fractions Simple rates     Measurement /Statistics     Measure Reading timetables       Include measurement - all contexts Reasoning and problem solving     Include measurement - all contexts Reasoning and problem solving     Time Reading timetables     Measure Read / write to 2dp Write as fractions 0rder and compare Round to nearest whole and 1dp Read write order to 3dp     Decimals Solve problems with number to 3dp     Percentages Understand % Write as fraction/decimal     Measure Convert metric ine graphs     Measure Convert metric (relate to x+ 0,01,000) Convert metric ine graphs     Measure Read / write order to 3dp     Percentages Write as fraction/decimal     Measure Problem solving - line graphs     Measure Convert metric (relate to x+ 0,01,000) Convert metric imperial Solve problems with all measure angles     Measure Convert metric imperial Solve problems with all measure angles	Autumn	Negative number Count powers of 1 Read write up to 1,000 Round numbers Solve problems	S Menta Mental 4/5 o Form 0,000 Rounding t Problem solving	Addition and Subtraction Mental vs written Mental 4/5 digit multiple of 10 Formal methods Rounding to check answers		Multiplication and Division Measure Properties of number – Squared cubed factors Factor pairs Common factors prime		cation and Division X and ÷ mentally drawing on known	and Direction Position of a shape Translation	
Fractions Recognising mixed numbers and improper fractionsFractions Equivalent Compare Order with denominators which are all multiples of the same numberFractionsMultiplication and Division 4 digit x 1 and digit 4 digit x 2 digit 4 digit + 1 digit Interpret remainders accordingly Problem solving Scaling by fractionsMeasurement Area Using squares Calculate and compare Estimate area of irregular shapesMeasurement Area Using squares Calculate and compareSolve problems fractions by whole numbersNumber: decimals Read / write to 2dp Write as fractions order and compare Read write order to 3dpDecimals Solve problems with number to 3dpMeasurement 4 digit x 1 and digit 4 digit + 1 digit Interpret remainders accordingly Problem solvingMeasurement /StatisticsMeasurement Area Using squares Calculate and compare Estimate area of irregular shapesSolve problems converting units of timeNumber: decimals Read / write to 2dp Write as fractions Order and compare Read write order to 3dpDecimals Solve problems with number to 3dpPercentages Write as fraction/decimalMeasure Composite retained read Solve problems with Nets a fractionsPercentages Solve problems solving - line graphsConvert metric (relate to x + to 10,10,000) Convert metric and imperial Solve problems with all measureProblems solving - line graphsConvert metric (relate to x + to 10,10,000) Convert metric and imperial Solve problems with all measurePercentages Solve problems with all measureMeasure Problem solving - line graphsProblem so	Include measurement – all contexts									
Reasoning and problem solvingFractionsNumber: decimalsDecimalsPercentagesStatisticsMeasureConvert metricProperties 2d shapeMultiplying proper fractions by whole numbersNumber: decimalsSolve problems with Nvrite as fractions Order and compare Round to nearest whole and 1dpDecimalsPercentages Understand % Write as fraction/decimalMeasure (relate to x ÷ 10,100,1000)Properties 2d shape Solve problems with Nets Regular irregular polygonsRead write order to 3dpIdp Read write order to 3dpNets NetsSolve problems fraction/decimalSolve problems with all measure angles	Spring	Recognising mixed numbers and improper	Equivalent Compare Order with denominators which are all multiples of the same	Fractions Add and subtract where denominators are multiples of the	Multiplication and Division 4 digit x 1 and digit 4 digit x 2 digit 4 digit ÷ 1 digit Interpret remainders accordingly Problem solving Scaling by fractions		/Statistics Time Reading timetables Solve proble converting u	s Us Ca 5 Est ms	Area sing squares alculate and compare imate area of egular shapes	
Multiplying proper fractions by whole numbers Read / write to 2dp Write as fractions Solve problems with number to 3dp Understand % Write as fraction/decimal Problem solving - line graphs Convert metric (relate to x ÷ 10,100,1000) Properties 2d shape 3d shapes   Multiplying proper fractions by whole numbers Read / write to 2dp Write as fractions Solve problems with number to 3dp Write as fraction/decimal Problem solving - line graphs Convert metric (relate to x ÷ 10,100,1000) Properties 2d shapes   Measure Convert metric and 1dp Adp Nets Nets Nets   Read write order to 3dp Read write order to 3dp Intervention Nets Nets   Measure Composite Solve problems Draw and measure angles										
	Summer	Multiplying proper fractions by whole	Read / write to 2dp Write as fractions Order and compare Round to nearest whole and 1dp	Solve problems with number to 3dp	Understand % Write as	Problem solving – line graphs <b>Measure</b> Perimeter Composite	Convert metri (relate to x ÷ 10,100,1000) Convert metric a imperial Solve problem	and Reg Drav	erties 2d shape 3d shapes Nets gular irregular polygons v and measure angles	

Include measurement – all contexts