Oak Learning Partnership

Inclusion is at the **heart** of our trust

Long Term/Curriculum Plan

School: Crosshill School

Subject: Maths- Inspire

Curriculum Planning

at Oak Learning Partnership

Long Term Plans

(Year/Pathway Group Overviews)

- Curriculum content on what students will learn about the subject content and about the logical order for teaching the content.
- Clear five/three year progression through the curriculum, which includes: key topics, termly knowledge and skills.
- Each year group/pathway individually broken down with unit overviews.
- Details around prior learning required.
- Clear end points and assessment information.
- Adaptations and key concepts mapped out.

Medium Term Plans

(Unit of Work for Each Year Group/Pathway)

- Each unit broken down by individual lessons.
- Specific pedagogical choices detailed, with links to appropriate resources.

7 Phase Lesson Plans

Lesson by lesson planning, using all of the above to achieve curriculum aims, adapted for class needs.

Curriculum Leadership	Lisa Maris Houghton - Maths Lead
School Intent	Upon entry to Crosshill School, students are assessed and placed within one of our three highly personalised pathways: **Inspire, Explore and Discover.** Within these pathways students needs are identified as formal, semi-formal and emergent learning styles. Each pathway has a bespoke curriculum and particular learning approach that enables all of our students to flourish. Throughout all pathways we build the curriculum around 6 main outcomes to ensure our students will: • **Know themselves** • **Possess functional skills** • **Be independent** • **Be good communicators** • **Be curious learners** • **Be prepared for adulthood** The outcomes above are personalised around the three identified pathways and leaders carefully craft personalised curriculum provision to meet the needs of the learners within the pathways. Students may transition into different pathways whilst they are at Crosshill. We recognise that as our young people develop and grow, so does their need for different skills, learning approaches and experiences. We are a responsive provision and review individual students' needs.
Subject Intent	At Crosshill Special School, our Maths lessons are inclusive and tailored to the specific needs of students. We teach students the basic principles of maths to function independently within the world. We provide immersive opportunities for children and young people to develop their problem-solving skills whilst maintaining practical application to functional opportunities. By linking Mathematics with the wider curriculum and developing a deeper understanding of mathematical concepts and how they apply to the 'real world', we aim to ensure that our learners are equipped with core skills in which to make sense of, and access, the world around them. Our intent is rooted in the belief that a supportive and engaging Maths curriculum is essential for the holistic development of our learners, preparing them academically as well as being able to better access lifelong independence.

KS2 National Curriculum Aims:	Students will consolidate and extend key mathematical skills through practical, accessible, and individualised learning experiences. In number and place value, children work with numbers up to four digits, using concrete resources to understand value, order, and	**KS3 National Curriculum Aims:**	Students will develop a secure and practical understanding of core concepts, enabling pupils to apply their skills in everyday situations. In number and place value, learners build confidence working with whole numbers and simple decimals, understanding the value of digits and	**KS4 National Curriculum Aims:**	

	rounding. Addition and subtraction skills are developed using step-by-step methods in real-life contexts, while multiplication and division are explored through times tables, arrays, and sharing strategies. In shape, space, and measure, children investigate angles, symmetry, and area, and measure using standard units with increasing independence. Money skills are strengthened through using calculations in simple budgeting or shopping tasks. Time learning includes telling the time to the nearest minute and understanding 24-hour clocks and time intervals. Fractions are extended to include equivalent fractions, fractions of quantities, and adding or subtracting fractions with the same denominator. Statistics work involves interpreting and presenting data using bar charts and tables. The overall aim is to ensure children engage with maths in a way that is meaningful, sensory-rich, and adapted to their learning profile, supporting both functional life skills and confidence in mathematical thinking.		using number lines to compare and order. In shape, space, and measure, they explore properties of 2D and 3D shapes, understand symmetry, and use standard units to measure length, weight, and capacity. Money skills focus on recognising different coins and notes, adding amounts, and calculating simple change. Through addition and subtraction, pupils practise written and mental methods to solve problems, while multiplication and division develop their understanding of number patterns, repeated groups, and sharing. In statistics, students collect, record, and interpret basic data using pictograms, tally charts, and bar graphs. Time work includes telling the time to the nearest five minutes on both analogue and digital clocks, understanding durations, and using timetables. In fractions, pupils learn to recognise and work with simple fractions, such as halves, quarters, and thirds, and begin making connections with decimals. The overall goal is to promote confidence, independence, and real-life application of maths through accessible, structured, and engaging learning experiences.		

Topic and Time Allocated	***Year 7***	***Year 8***	***Year 9***	***Year 10***	***Year 11***
Year 1: Autumn A	**Topic:** Number and Place Value 3 weeks Addition and Subtraction 2 weeks Shape 1 week Time 1 week	**Topic:** Number and Place Value 3 weeks Addition and Subtraction 2 weeks Shape 1 week Time 1 week	**Topic:** Number and Place Value 3 weeks Addition and Subtraction 2 weeks Shape 1 week Time 1 week	**Topic:** Number and Place Value 2 Weeks Addition and Subtraction 2 Weeks Multiplication and Division 2 Weeks Proportional Reasoning 1 Week	**Topic:** Number and Place Value 2 Weeks Calculating with integers 3 Weeks Weight 1 Week Rounding and approximating 1 Week
	Knowledge: Students will: Count, read and write numerals to 100. Add 1- and 2-digit numbers up to 20. Represent number bonds to 20. Recognise different coins and notes. Name and describe 2D shapes.	**Knowledge:** Students will: Partition 2-digit numbers in different ways. Describe and extend simple sequences. Add and subtract using concrete objects. Describe properties of 2D shapes and lines of symmetry.	**Knowledge:** Students will: Recognise each digit in a 4-digit number. Count in multiples of 6, 7, 9, 25 and 1000. Add and subtract numbers up to 4 digits. Identify acute and obtuse angles. Compare and classify geometric shapes.	**Knowledge:** Students will: Write, order and compare whole numbers up to 1000 Know the value of each digit in a 3-digit number Add whole numbers up to 1000 Subtract whole numbers from an	**Knowledge:** Students will: Know, understand and use place value up to 5-digit numbers Understand place value in decimals with up to 2dp add and subtract positive integers up to 10,000 multiply and divide by positive integers

	Explore chronological order. Tell the time to the hour.	Recap hour, quarter to, half past and quarter to times.	Read, write and convert time between analogue and digital 12- and 24-hour clocks.	initial value no greater than 1000 Understand vocabulary associated with numerical calculations Know and use multiplication and division facts up to 12 x 12 Multiply and divide a whole number by 10 Calculate squared and cubed for numbers of 1-5 and 10 Substitute positive integers into formulae Solve simple proportional problems Solve simple inverse proportional problems	multiply and divide positive integers by 10, 100, 1000 Begin to know the conventional order for performing calculations know and use imperial and metric units of measure for weight Read integer scales in weight Add and subtract measure of weight Convert units of measure in the metric system – weight Round positive integers to the nearest 10, 100 and 1000 Round decimals to the nearest integer
	Skills: With support, students begin to use concrete objects, number lines, and pictorial aids to understand numbers up to 100, perform simple addition and	**Skills:** Students will build confidence using number lines, partitioning tools, and 2D shape models to represent numbers, extend simple	**Skills:** Students move towards independent application of formal methods for 4-digit numbers and begin to work with more abstract	**Skills:** Students will use base ten, arrow cards, number lines, whiteboards, and place value coins to develop number sense and place value	**Skills:** Students will use place value grids, number lines, and Dienes to build understanding of large numbers and decimals. They will

	subtraction, identify 2D shapes, and sequence time-related events. Equipment such as Numicon, 100 squares, bead strings, shape cut-outs, and mini clocks support their understanding through hands-on exploration.	sequences, and describe shape properties and symmetry. Real coins and clock faces are used to develop practical fluency in time and money.	representations. Place value arrow cards, shape sorting kits, and time conversion charts are used alongside standard and digital clocks to support their development in number, geometry, and time.	understanding. Multiplication squares/wheels, and multilink are used to practise times tables and basic operations. Written methods include column addition and subtraction, short multiplication and division, and use of number lines for subtraction. Cooking apparatus and tables to support proportional reasoning with real-life context.	practise written methods for all four operations, including multiplying and dividing by 10, 100, and 1000. Scales and real-life contexts like cooking support measurement and weight conversions, while practical tasks develop rounding and problem-solving using appropriate methods and tools.
Year 1: Autumn B	**Topic:** Number and Place Value 2 weeks Multiplication and Division 2 weeks Shape 1 week Position 1 week	**Topic:** Number and Place Value 2 weeks Multiplication and Division 2 weeks Shape 1 week Position 1 week	**Topic:** Number and Place Value 2 weeks Multiplication and Division 2 weeks Shape 1 week Position 1 week	**Topic:** Shape 2 Weeks Number and Place Value 2 Weeks Fractions 2 Weeks	**Topic:** Negative numbers 2 Weeks Money 2 Weeks Fractions 2 Weeks Length 1 Week

	Money 1 week	Money 1 week	Money 1 week		
	Knowledge: Students will: Count to and across 100. Represent numbers with objects. Count in steps of 2, 5 and 10. Recall doubles and halves to 10. Use repeated addition/subtraction to represent multiplication/division. Recognise and describe common 3D shapes. Describe whole, half, quarter and ¾ turns. Find different combinations of coins that equal the same amount of money.	**Knowledge:** Students will: Count in steps of 2,3 and 5 from 0. Read and write numbers to 1 decimal place. Compare and order numbers to 1000. Multiply a 2-digit number by a 1-digit number. Double and halve numbers to 100. Recognise and describe 3D shapes in different orientations. Describe position using mathematical vocab. Recognise and use £ and p symbols. Recognise the decimal points separates pounds and pence.	**Knowledge:** Students will: Count in multiples of 6, 7, 9, 25 and 1000. Count backwards through zero including negative numbers. Recall multiplication and division facts for up to 12x12 Multiply and divide up to 3-digits by 1-digit numbers. Compare and classify 3D shapes. Describe position and direction on a square grid. Write amounts of money using decimal notation.	**Knowledge:** Students will: Name, sort and classify a range of polygons Name and distinguish between a range of quadrilaterals Use different polygons to form regular and semi-regular tessellation patterns Understand the terms reflection and rotational symmetry Recognise shapes and patterns that have reflectional symmetry Write, order and compare whole numbers above 1000 Know the value of each digit in a 5-digit number Use fractions in contexts Calculate quarters, thirds, fifths and	**Knowledge:** Students will: Understand negative numbers and use number lines to order, add and subtract negative numbers Find the sum and difference of negative numbers Read, write, order and compare money Add, subtract, multiply and divide quantities of money Divide decimals with up to 2dp with a calculator Multiply decimals (incl money) with up to 2dp Read, write and order and compare fractions and mixed numbers Find a fraction of a whole number and a quantity Use equivalent fractions

				tenths of quantities where the answer is an integer Order fractions Begin to recognise equivalent fractions Multiply a fraction by a positive integer	Write fractions in their simplest form Add and subtract simple fractions Know and use units of measure for length Use imperial and metric units of measure for length Convert units of measure in the metric system Add and subtract units of measure
	Skills: With support, students begin developing early multiplication and division skills using visual tools such as counters, cubes, and pegboards. They sort and describe common 3D shapes using physical models and develop spatial understanding through practical movement activities involving turn boards and simple programming tools like Bee-Bots. They engage	**Skills:** Students will begin to use arrays and multiplication spinners/charts to multiply two-digit numbers, and fraction circles to deepen understanding of place value and decimals. They describe 3D shapes in different orientations with tactile models and practise position and direction with grid	**Skills:** Students will apply times table knowledge to using formal written methods. They classify 3D shapes using mathematical properties and describe direction on coordinate grids. They will use shape comparison cards, coordinate grid mats, and programmable floor robots. Students write amounts of money using decimal notation, working with	**Skills:** Students will use practical equipment such as 2D shapes, mirrors, tracing paper, and Numicon help students investigate symmetry and tessellation. Place value grids and fraction manipulatives are used to deepen understanding of fractions and number magnitude. Formal methods include written calculations	**Skills:** Students will use number lines and thermometers to explore negative numbers, practising addition and subtraction in real-world contexts. They will handle money using real coins, notes, and calculators to perform operations with decimals. Fraction rods, fraction pies, and visual aids help students

	in hands-on money activities using plastic coins, matching amounts and finding combinations with money trays and till sets.	games. They explore coins and prices using decimal notation and partitioning cards, applying skills in classroom shop role-play.	virtual shopping apps, and money problem cards to support fluency real-world application.	and estimation strategies.	compare, simplify, and calculate with fractions. Rulers, trundle wheels, and measuring tapes are used to measure and convert between metric and imperial units.
Year 1: Spring A	**Topic:** Number and Place Value 1 week Addition and Subtraction 2 weeks Fractions 1 week Length and Height 2 weeks	**Topic:** Number and Place Value 1 week Addition and Subtraction 2 weeks Fractions 1 week Length and Height 2 weeks	**Topic:** Number and Place Value 1 week Addition and Subtraction 2 weeks Fractions 1 week Length and Height 2 weeks	**Topic:** Number and Place Value 2 Weeks Fractions 2 Weeks Percentages 2 Weeks	**Topic:** Time 2 Weeks Angles and Perimeter 2 Weeks Temperature 1 Week Percentages 1 Week
	Knowledge: Students will: Recognise the place value of 2-digit numbers. Recall number bonds to 20. Add and subtract a 2-digit number and ones/tens, 2 2-digit	**Knowledge:** Students will: Count in multiples of 4, 8, 50 and 100. Recognise the place value of 3-digit numbers. Add and subtract a 3-digit number and ones/tens and a 3-	**Knowledge:** Students will: Recognise each digit in a 4-digit number. Count in multiples of 6, 7, 9, 25 and 1000. Add and subtract mentally 2 and 3-digit numbers and decimals to 1dp.	**Knowledge:** Students will: Understand and use place value to numbers with 1dp Represent values with 1dp Order numbers with 1dp	**Knowledge:** Students will: Read, measure and record time using digital and analogue clocks in 12 and 24hour format Use seconds, minutes, hours, days,

	numbers and 3-digit numbers using concrete objects. Recognise whole, half and quarters and thirds of shapes. Record length/height using cm/M.	digit number and hundreds. Find and write fractions of a set of objects. Measure using Metres, centimetres and millimetres.	Add and subtract numbers up to 4 digits. Recognise and write fractions with a range of numerators and denominators. Add and subtract fractions with the same denominator. Convert units of measure M, cm, mm. Measure /calculate the perimeter of a rectilinear figure. Find the area of rectilinear shapes by counting squares.	Add and subtract decimals in context Use fractions in context Recognise equivalent fractions including fractional quantities greater than 1 (mixed fractions) Understand and use mixed fraction Calculate thirds, quarters, fifths and tenth of quantities where the answer is an integer Order fractions Understand that 1% is equivalent to dividing by 100 Find %, 25% and 50% of three-digit numbers Find other percentage quantities by combining results Begin to see equivalence between fraction and percentage notation	week, months and years Work out intervals of time and convert between units of time Draw and measure lines and angles, accurate to the nearest cm and degree Use a ruler/protractor to construct an angle Know acute, reflex, obtuse angles Work out the perimeter of rectangles and compound shapes Know and use units of measure, to measure temperature Add and subtract temperatures on a number line Read integer scales Read, write, order and compare simple percentages; 10, 25, 50 and 75% Use equivalences between decimals, fractions and percentages

	Skills: With support, students will use practical tools such as cubes and base-10 blocks to add and subtract within 100. They identify and represent fractions using coloured fraction circles and shapes, and measure length/height using rulers and metre sticks. Simple word problems are supported using whiteboards and pictorial problem strips.	**Skills:** Students will begin to solve problems involving 3-digit numbers, finding fractions of sets using manipulatives and diagrams. They measure using metre sticks and rulers, record in cm and mm, and use visual supports like fraction walls and interactive quizzes to reinforce understanding. using whiteboards and pictorial problem strips.	**Skills:** Students will move to written methods, using place value counters and bar models to calculate with larger numbers and decimals. They add and subtract fractions with the same denominator, measure perimeter and area using square paper, and convert between standard units using reference posters and conversion wheels.	**Skills:** Students use place value grids and tokens support learning of decimal and percentage concepts. Students use bar models to visualise fractional and percentage values. Written methods are applied in calculating percentages of quantities and comparing fractions, decimals, and percentages in real-life contexts.	**Skills:** Students will use analogue and digital clocks, timers, and calendars to tell time, calculate intervals, and convert time units. Rulers and protractors support measuring and constructing angles, while number lines aid in adding and subtracting temperatures. They apply tools like thermometers and measuring tapes for practical tasks and use visual aids such as fraction walls and percentage tables to compare and convert between fractions, decimals, and percentages .
Year 1: Spring B	**Topic:** Multiplication and Division 2 weeks	**Topic:** Multiplication and Division 2 weeks	**Topic:** Multiplication and Division 2 weeks	**Topic:** Number and Place Value 2 Weeks	**Topic:** Fractions 2 Weeks

	Fractions 1 week Money 2 weeks	Fractions 1 week Money 2 weeks	Fractions 1 week Money 2 weeks	Counting and Sequencing 1 Week Estimation 1 Week	Number and Place Value 1 Week Capacity 1 Week Time 1 Week
	Knowledge: Students will: Count in steps of 2, 3, 5 and 10. Use doubles/halves of even 2-digit numbers. Use repeated addition/subtraction to represent multiplication/division. Recognise whole, half, quarters and thirds of objects. Solve simple problems involving money.	**Knowledge:** Students will: Count in multiples of 4, 8, 50 and 100. Multiply a 2-digit number by a 1-digit number. Double and halve numbers to 100. Recognise and show equivalent fractions. Solve one and two step problems involving money.	**Knowledge:** Students will: Count in multiples of 6, 7, 9, 25 and 1000. Recall multiplication and division facts for up to 12x12 Multiply and divide up to 3-digits by 1-digit numbers. Add and subtract fractions with the same denominator. Recognise common equivalent fractions. Solve 1 and 2 step problems involving money.	**Knowledge:** Students will: Understand and use place value to order numbers up to 10,000 Understand and use place value to order numbers given to 2 decimal places Use decimal values in real life contexts (money) Perform simple calculations where the units of the quantities are whole numbers of thousands and million Complete sequences of increasing or decreasing integers where the common difference is less than 10 or a multiple of 10	**Knowledge:** Students will: Read, write, order and compare fractions Write fractions in their simplest form Convert fractions to decimals (2dp) Multiply a fraction by a positive integer Understand place value in decimals up to 2dp Read, write, order and compare decimals to 2dp Convert decimals to fractions Know and use units of measure for capacity Know and use imperial and metric units of measure

				Use a two circle Venn diagram to sort and classify numerical data by two criteria Round numbers to the nearest ten Use approximate value to obtain and estimate Estimate approximate cost of a list of multiple items to determine if purchases can be made with a stated budget	Add and subtract capacity measures Read integer scales Begin to consider the measure of volume and use appropriate units of measure Read, measure and record events on a calendar
	Skills: With support, students will work on reinforcing multiplication and division using repeated addition with cubes, dice games, and pegboards. They explore fractions of objects using circle fraction sets and play money games to practise counting and exchanging coins.	**Skills:** Students begin to multiply and divide two-digit numbers with base-10 blocks and times table grids, compare fractions using matching cards and dominoes, and apply money skills in classroom shop role-play. Coin cards, number fans, and interactive cash register tools support multi-step problem-solving.	**Skills:** Students use multiplication facts to solve real-life problems involving money and fractions, supported by bar models, problem-solving cards, and digital tools. Equivalent fractions are explored using walls and puzzles, and money activities are enhanced with mock receipts and shopping catalogues/items.	**Skills:** Students will use Dienes, bar models, and percentage tables help reinforce sequencing, ordering, and estimation. Number fans and sorting circles are used for sorting data, while budget sheets and examples of receipts, develop applied estimation skills and financial awareness.	**Skills:** Students use fraction rods, pies, and grids to compare, simplify, and convert fractions and decimals up to two decimal places. Measuring jugs, beakers, and real containers support capacity work, including using and converting between metric and imperial units. They practise reading integer scales, calculating

					volume, and recording events using calendars to apply learning in real-life contexts.
Year 1: Summer A	**Topic:** Addition and Subtraction 2 weeks Mass/Weight 1 week Time 2 weeks	**Topic:** Addition and Subtraction 2 weeks Mass/Weight 1 week Time 2 weeks	**Topic:** Addition and Subtraction 2 weeks Mass/Weight 1 week Time 2 weeks	**Topic:** 2D Shape 1 Week 3D Shape 1 Week Average 2 Weeks Transformation 1 Week	**Topic:** Fractions, Decimals and Percentages 2 Weeks Volume, Area and Perimeter 2 Weeks Calculating with Integers 1 Week Data 1 Week
	Knowledge: Students will: Add and subtract 2-digit number and ones/tens, 2 2-digit numbers and 3-digit numbers. Choose standard units of measure to estimate and measure mass to the nearest kg/g. Tell the time to the hour and half past times.	**Knowledge:** Students will: Add and subtract a 3-digit number and ones/tens and a 3-digit number and hundreds. Solve problems using the correct units of measure, using symbols accurately.	**Knowledge:** Students will: Add and subtract mentally 2 and 3-digit numbers and decimals to 1dp. Add and subtract numbers up to 4 digits. Convert units of measure g to Kg. Convert time from hours to minutes.	**Knowledge:** Students will: Distinguish between different quadrilaterals Understand the terms reflection and rotational symmetry Recognise simple plane shapes, patterns or pictures that have reflectional symmetry	**Knowledge:** Students will: Use equivalences between decimals, fractions and percentages Convert between fractions – percentages and decimals Work out simple percentages/fractions of quantities and

	Recognise quarter past/to the hour.	Show and tell the time to the nearest 5 minutes. Tell and write the time from an analogue clock, using Roman numerals.	Read, write and convert time between analogue and digital 12- and 24-hour clocks.	Use different polygons to form regular and semi-regular tessellation patterns Use a two circle Venn diagram to sort data by two criteria Name a range of 3D shapes Describe a range of 3d shapes Sort and classify a range of 3d shapes Identify pictures of 3d objects Identify and sketch nets of cubes and cuboids Find the mean, median, range and mode of a small list of numbers (up to 10) Understand and use median as the middle item in a cumulative count of items using an appropriate frequency diagram Draw simple transformations on a coordinate grid:	whole numbers including VAT Revise how to find the perimeter of rectangles and compound shapes Work out the area of rectangles and compound shapes Work out the volume of a cuboid Revise how to add and subtract positive integers up to 10,000 Revise how to multiply and divide by positive integers Revise how to multiply and divide positive integers by 10, 100, 1000 Read, construct and use everyday tables and charts

				• Reflection in horizontal and vertical lines • Rotation about (0,0) through multiples of 90 degrees • Translations e.g. 3 forward and 5 down	
	Skills: With support, students will use base-10 blocks and number lines to develop fluency with addition and subtraction. They identify simple fractions of shapes, measure using rulers and balance scales, and use mini clocks to practise telling time. Standard measuring jugs and weight cards support activities involving length and height.	**Skills:** Students will begin to use number cards and place value counters to explore 3-digit numbers and fractions. Rulers, metre sticks, and digital scales will support with length and mass. Clocks with Roman numerals and time dominoes support telling and writing time accurately.	**Skills:** Students will develop written and mental calculation skills using whiteboards and problem-solving cards. They measure and compare mass, read scales accurately, and use multi-format clocks to convert and compare time intervals. Fraction cards, measuring tools, and standard conversion posters assist with precision and problem-solving.	**Skills:** Students will use number fans, sorting circles, and Numicon to explore 2D and 3D shape properties. Venn diagrams and classification tools help students sort and describe shapes and data. Skills are extended through interpreting averages and performing transformations on coordinate grids using rulers and tracing paper.	**Skills:** Students use bar models, fraction and percentage tables, and visual aids to convert between fractions, decimals, and percentages, and to calculate proportions including VAT. They apply rulers and practical tasks to find perimeter, area, and volume of shapes. Written methods support revision of key number operations, and real-life data is interpreted through constructing and reading tables and charts.

Year 1: Summer B	**Topic:** Number and Place Value 2 weeks Statistics 2 weeks Money 1 week Capacity and temperature 2 weeks	**Topic:** Number and Place Value 2 weeks Statistics 2 weeks Money 1 week Capacity and temperature 2 weeks	**Topic:** Number and Place Value 2 weeks Statistics 2 weeks Money 1 week Capacity and temperature 2 weeks	**Topic:** Multiplication and Division 2 Weeks Data 3 Weeks Money 2 Weeks	**Topic:** Number 2 Weeks Measure 2 Weeks Number 2 Weeks
	Knowledge: Students will: Recognise the place value of 2-digit numbers. Round to 2-digit numbers to the nearest 10. Read, write, compare and order numbers to 1 decimal place. Interpret, ask and answer questions about data in block graphs. Sort and classify using more than one criterion. Solve simple problems involving money. Choose and use standard units to	**Knowledge:** Students will: Partition 3-digit numbers in different ways. Round 3-digit numbers to the nearest 10/100. Describe and extend number sequences. Use Venn and Carroll diagrams to sort and classify. Construct and interpret bar charts/pictograms. Solve one and two step problems involving money.	**Knowledge:** Students will: Count in multiples of 6, 7, 9, 25 and 1000. Recognise the value of each digit to 2dp. Round decimals to the nearest whole number. Interpret and present data using charts/graphs. Suggest a line of enquiry to collate, organise and interpret information to find answers. Solve 1 and 2 step problems involving money.	**Knowledge:** Students will: Multiply and divide by positive integers using written methods Plot scatter graphs for pairs of data values Interpret given lines of best fit for points on a given scatter graph Interpret trends on scatter graphs using terms such as increase, decrease and positive and negative Complete or extract information from printed lists with more	**Knowledge:** Students will: Revise and understand and use place value up to 5-digit numbers Revise and understand place value in decimals with up to 2dp Revise how to calculate with positive integers Revise how to calculate with negative numbers Revise special numbers

	measure capacity to the nearest ml/L and temperature to the nearest ˚C.	Solve problems using correct units of measure, using symbols to record work. Measure and estimate temperatures to the nearest ˚C using a thermometer.	Estimate, compare and calculate different measures. Convert ml/L.	than two columns or rows Draw and interpret pictograms Construct and interpret bar graphs using a frequency scale in 50s and 100s Round amounts of money to the nearest £ Estimate and approximate the cost of multiple items (up to 5) Read, write, order and compare money Calculate approximate and exact change from amounts up to £10	Revise how to read and measure digital and analogue clock Revise how to work out intervals of time Revise how to use calendars to record events Revise how to add and subtract metric measures Revise how to convert between units of measure Revise how to find equivalences between fractions, decimals and percentages revise how to convert between fractions, decimals and percentages Revise how to calculate with fractions
	Skills: With support, students will explore place value using number fans and base-10 materials. They interpret block graphs	**Skills:** Students will begin to use Venn and Carroll diagrams with sorting cards to classify data and create bar	**Skills:** Students will use line graphs and tables to interpret and analyse data sets. They solve problems involving	**Skills:** Students will use manipulatives such as counters, multilink, real money, and bar models are used to	**Skills:** Students will consolidate core skills using place value grids, number lines, and

	with pictogram stamps and measure capacity using coloured water in graduated jugs. Simple thermometers and capacity sorting activities introduce temperature and volume measurement.	charts. They solve money problems using decimal coins and word problems. Measuring jugs, class thermometers, and thermometer cards help them explore capacity and temperature more accurately.	temperature, measurement, and volume using thermometers, graduated cylinders, and unit conversion tools. Realistic problem-solving scenarios support enquiry and analysis.	support written multiplication and division. Graphs and lists are created and interpreted using real-life data. Students practise estimating and calculating totals and change in money contexts using receipts and shopping lists.	manipulatives to work with large numbers, decimals, and fractions. Clocks and calendars support revision of time concepts, while measuring tools help practise metric calculations and conversions. Visual aids like fraction walls and percentage tables reinforce equivalences and operations between fractions, decimals, and percentages.