


## Year 4 Brick Wall

A1. Count in multiples of 6, 7, 9 and 25 and 1000	A2. Find 1000 more or less than a given number	A3. Count backwards through zero to include negative numbers	A4. Recognise the place value of each digit in a four digit number (thousands, hundreds, tens, and ones)	A5. Order and compare numbers beyond 1000	A6. Identify, represent and estimate numbers to 10 000 using different representations	A7. Round whole numbers to 10,000 to the nearest 10, 100 or 1000	A8. Solve number and practical problems with number and place value from the Year 4 curriculum, with increasingly large positive numbers	A9. Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value
B1. Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate	B2. Check answers to addition and subtraction calculations by estimating and using inverse operations	B3. Solve calculation problems involving two-step addition and subtraction in context, deciding which operations to use and why	C1. Recall multiplication and division facts for multiplication tables up to 12x12	C2. Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers	C3. Recognise and use factor pairs commutatively in mental calculations	C4. Multiply two digit and three-digit numbers by a one digit number using formal written layout	C5. Solve problems involving multiplying and adding, including integer scaling and harder correspondence problems such as n objects are connected to m objects	C6. Divide two digit and three-digit numbers by a one digit number using formal written layout
D1. Recognise and show, using diagrams, families of common equivalent fractions	D2. Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten	D3. Recognise and write decimal equivalents of any number of tenths or hundredths and 1/4; 1/2; 3/4	D4. Add and subtract fractions with the same denominator	D5. Divide a one or two-digit numbers by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths	D6. Rounds decimals with one decimal place to the nearest whole number	D7. Compares numbers with the same number of decimal places up to two decimal places	D8. Solve problems involving harder fractions to calculate and divide quantities, including non-unit fractions where the answer is a whole number	D9. Solve simple measure and money problems involving fractions and decimals to two decimal places
E1. Convert between different units of measure ( e.g. km to m, hour to minute)	E2. Estimate and compare different measures, including money	E3. Measure the perimeter of a rectilinear figure (including squares) in cm and m	E4. Find the area of rectilinear shapes by counting squares.	E5. Read, write and convert time between analogue and digital 12- and 24-hour clocks	E6. Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days	F1. Compare and classify geometric shapes, including different types of quadrilaterals and triangles, based on their properties and sizes	F2. Identify acute and obtuse angles and compare and order angles up to two right angles by size	F3. Describe positions on a 2-D grid as coordinates in the 1 <sup>st</sup> quadrant
F4. Describe movements between positions as translations of a given unit to the left /right and up/down	F5. Plot specified points and draw sides to complete a given polygon	G1. Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs	G2. Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs					 <p>An Daras Multi Academy Trust</p>