My Maths Learning Journey

I am learning to…

Number and place value

- Count in multiples of 4, 8, 50 and 100 forwards and backwards.
- Recognise and estimate numbers in different contexts. Eg, number line
- Find 10 or 100 more or less than a given number.
- Recognise the place value of each digit in a three-digit number.
- Solve number problems and practical problems.
- Read and write numbers to 1000 in numerals and in words.

Addition and subtraction

- Solve missing number problems.
- Estimate the answer to a calculation and use inverse operations to check.
- Solve addition and subtraction problems.
- Add numbers up to three digits using a written method. Eg, column method
- Add and subtract a three-digit number and hundreds mentally.
- Add and subtract a three-digit number and tens mentally.
- Add and subtract a three-digit number and ones mentally.

Multiplication and division

- Solve multiplication and division problems.
- Use mental strategies to multiply a 2-digit number by a 1 digit.
- Find answers for x and ÷ questions using the multiplication tables that I know.
- Recall and use multiplication and division facts for the 3 and 4 and 8 times table.
- Use written methods to multiply a 2 digit and a 1-digit number. Eg, multiply the ones and the tens

Measurements

- Compare the durations of events.
- Know the number of seconds in a minute and the number of days in each month, year and leap year.
- Estimate and read time with increasing accuracy and compare times using appropriate vocabulary.
- Tell the time using Roman numerals from I to XII.
- Tell and write the time from an analogue clock (with hands) in 12 and 24-hour clocks.
- Add and subtract amounts of money to give change using £ and p.
- Measure the perimeter of a 2D shape.
- Measure, compare, add and subtract volume/capacity (l/ml).
- Measure, compare, add and subtract mass (kg/g).
- Measure, compare, add and subtract lengths (m/cm/mm).

Fractions and decimals

- Solve problems involving fractions.
- Compare and order fractions, and fractions with the same denominators.
- Add and subtract fractions with the same denominator within one whole (5/7 + 1/7 = 6/7)
- Recognise and show, using diagrams, equivalent fractions.
- Recognise and use fractions as numbers.
- Find and write fractions for a set of objects.
- Recognise that tenths arise from dividing an object into 10 equal parts.
- Count up and down in tenths.

Geometry

- Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.
- Identify whether angles are greater than or less than a right angle.
- Recognise that two right angles make a half-turn. 3 make 3/4 of a turn and 4 make a complete turn.
- Identify right angles.
- Recognise angles as a property of shape or a description of a turn.
- Recognise 3-D shapes in different orientations.
- Make 3-D shapes using modelling materials.
- Draw 2-D shapes.

Statistics

- Solve two-step problems using presented data.
- Solve one-step problems using presented data.
- Interpret and present data using tables.
- Interpret and present data using pictograms.
- Interpret and present data using bar charts.