Year 6 Spring Curriculum Goals – Maths

Number (Decimals): I can identify the value of each digit in numbers given to 3 decimal places and multiply numbers by 10, 100 and 1,000 giving answers up to 3 decimal places.
Number (Decimals): I can multiply one-digit numbers with up to 2 decimal places by whole numbers.
Number (Decimals): I can use written division methods in cases where the answer has up to 2 decimal places.
Number (Decimals): I can solve problems which require answers to be rounded to specified degrees of accuracy.
Number (Algebra): I can use simple formulae
Number (Algebra): I can generate and describe linear number sequences.
Number (Algebra): I can express missing number problems algebraically.
Number (Algebra): I can find pairs of numbers that satisfy an equation with two unknowns.
Number (Algebra): I can enumerate possibilities of combinations of two variables.
Number (Ratio): I can solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.
Number (Ratio): I can solve problems involving similar shapes where the scale factor is known or can be found.
Number (Ratio): I can solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.
Number (Ratio): I can calculate, estimate and compare volume of cubes and cuboids using standard units, including cm^3, m^3 and extending to other units (mm^3, km^3)
Measurement (Perimeter, Area and Volume): I can recognise that shapes with the same areas can have different perimeters and vice versa.
Measurement (Perimeter, Area and Volume): I can recognise when it is possible to use formulae for area and volume of shapes.
Measurement (Perimeter, Area and Volume): I can calculate the area of parallelograms and triangles.
Measurement (Perimeter, Area and Volume):

I can calculate, estimate and compare volume of cubes and cuboids using standard units, including cm^3, m^3 and extending to other units (mm^3, km^3)
Measurement (Converting Units): I can solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate.
Measurement (Converting Units): I can 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 notation to up to 3dp.
Measurement (Converting Units): I can convert between miles and kilometres.