Year 5 Maths Curriculum Overview

Autumn Term	Spring Term	Summer Term
5NPV-1 Know 10 tenths equivalent to 1 one, 1 is 10 times size of 0.1. Know 100 hundredths equivalent to 1 one, 1 is 100 times size of 0.01. Know 10 hundredths equivalent to 1 tenth. 0.1 is 10 times size of 0.01. **5NPV-2** Recognise place value of each digit in numbers with up to 2 decimal places, & compose & decompose numbers with up to 2 decimal places using standard & non standard partitioning. **5NPV-3** Reason about location of any number with up to 2 decimals places in linear number system, including identifying previous & next multiple of 1 & 0.1 & rounding to nearest of each. **5NPV-4** Divide 100/1000/1 into 2, 4, 5 and 10 equal parts, and read scales/number lines marked in multiples of 100/1000/units of 1 with 2, 4, 5 and 10 equal parts.	**5NF-2** Apply place-value knowledge to known additive and multiplicative number facts (scaling facts by 1 tenth or 1 hundredth). **5MD-1** Multiply and divide numbers by 10 and 100; understand this as equivalent to making a number 10 or 100 times the size, or 1 tenth or 1 hundredth times the size. **5MD-2** Find factors and multiples of positive whole numbers, including common factors and common multiples, and express a given number as a product of 2 or 3 factors. NC- Include prime numbers	Revisit 4F-2 & 4F-3 **5F-1** Find non-unit fractions of quantities. **5F-2** Find equivalent fractions and understand that they have the same value and the same position in the linear number system. **5F-3** Recall decimal fraction equivalents for ½ , ¼ , ⅕ and 1/10, and for multiples of these proper fractions. NC - Fractions, Decimals, Percentages & Equivalents.

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5NPV-5 Convert between units of measure, including using common decimals and fractions. Recap 3AS1, 3AS2 & 3AS3 ~ incorporating 6 digit numbers and decimals NC- Addition & Subtraction	**5MD-3** Multiply any whole number with up to 4 digits by any one-digit number using a formal written method. **5MD-4** Divide a number with up to 4 digits by a one-digit number using a formal written method, and interpret remainders appropriately for the context. NC- Time, including problems using converting units of time and timetables NC- Statistics- interpret charts and line graphs (link to Science)	Recap 4G1, 4G2 **5G-1** Compare angles, estimate and measure angles in degrees (°) Draw angles of a given size. **5G-2** Compare areas and calculate the area of rectangles (including squares) using standard uni ts. NC- NPV - Negative Numbers NC - Multiply numbers up to 4 digits by a 2 digit number using a formal written method including long multiplication.
Basic Skills		
- **5NF-1** Recall all multiplication and division facts - Add & subtract numbers mentally with increasingly large numbers.	- **5NF-1** Recall all multiplication and division facts - Doubles and halves, bridging and subtracting from multiples of 10, 100 & 1000 (Basic Skills guide)	- **5NF-1** Recall all multiplication and division facts - Exploring common tables facts through common multiples and factors, primes, squares and cubed numbers. (Basic Skills Guide)
Hi5 / Trio Time		
- Y3 fractions. Interpret and write proper fractions. - NC- Y4 Time - Roman Numerals - Use the properties of rectangles to deduce related facts and find the missing lengths.	- 3G-2- parallel and perpendicular sides - Y3/4 Fractions - Add and subtract fractions with the same denominator, within 1; convert mixed numbers to improper fractions and vice versa. - Recognise and write decimal equivalents of	- Learn common fraction-decimal equivalents - 3F-2 - Find unit & non unit fractions of quantities using known division facts. - Angles - acute, obtuse & right angles - Statistics

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- Distinguish between regular and irregular polygons based on reasoning about equal sides. - Estimate volume and capacity.	any number of tenths or hundredths - Right angles - NC - estimate volume and capacity	- Apply addition & subtraction using columnar method through money problems NC - Measure - metric and imperial, perimeter