## Primary 7 Learning Plan



|  | Number | Measures | Shape \& Space | Handling Data |
| :---: | :---: | :---: | :---: | :---: |
| Numeracy | MENTAL MATHS <br> Mentally subtract a multiple of 1000 from any <br> 4-digit number. <br> Mentally subtract decimal numbers (e.g. 4.6 + 12.3). <br> Mentally multiply a 2-digit multiple of 10 by a single digit (e.g. 70×6). <br> Mentally multiply a 3-digit multiple of 100 by a single digit (e.g. 600×7). <br> PLACE VALUE <br> Know the number "after," "before" and "between" in numbers beyond 99999. <br> DECIMALS <br> Know number "between" 2 decimal place numbers. <br> Find missing numbers in a sequence of 2 decimal place numbers (increasing and decreasing). <br> FRACTIONS <br> Add fractions and mixed numbers, with different denominators, using knowledge of equivalence. <br> Subtract fractions and mixed numbers, with different denominators, using knowledge of equivalence. | Understand the metric tonne, kilogram as a unit for weighing and comparing heavier objects. <br> Convert between tonnes and kilograms and between kilograms and tonnes where there are whole or half tonne answers. <br> Estimate, measure and calculate weight, selecting most appropriate unit and measuring equipment. Understand that measurement of weight is continuous and selecting an appropriate degree of accuracy for different contexts. <br> Develop a formula for calculating the volume of cubes and cuboids, based upon the area of each layer | Understand and use terms horizontal, vertical, perpendicular, parallel confidently. <br> Calculate degree equivalents in terms of turns <br> Use the terms acute, obtuse, reflex and right angle to describe angles. <br> Estimate given angles to an accuracy of 10 degrees. | Record data in tables, deciding own class intervals. <br> Design and construct computer databases, and interrogate using 2 criteria. |



