**Step 6 and 7 – Measurement**

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| **Curriculum Statement** | **Step 6** |  | **Curriculum Statement** | **Step 7** |
| Continue to develop understanding of how analogue and digital clocks tell the time | I can work out time intervals from analogue and digital clocks. |  |  Continue to develop understanding of how analogue and digital clocks tell the time. | I can choose the most appropriate method to calculate intervals in time. |
| Continue to practise converting between units of time | I can convert hours to minutes and minutes to seconds. |  | Consolidate understanding of converting between units of time. | I can convert minutes to hours and seconds to minutes. |
| Develop fluency in using money expressed in £, converting to p when necessary. | I can compare prices written in £ or p. |  | Consolidate fluency in using money expressed in £ and p. | I can convert between p and £. |
| Convert between different units of metric measure | I can convert between larger and smaller units of metric measure. |  | Use, read and write standard units with up to three decimal places, including converting from smaller to larger units and vice versa. | I can solve problems involving measures with up to 3 decimal places. |
| Understand and use approximate equivalences between metric units and common imperial units. | I can use approximate equivalents to convert between metric and imperial measurements (2.5cm = 1 inch, 2(.2)lbs = 1kg, 2 pints = 1l). |  | Convert between miles and kilometres and use a conversion graph. | I can use the relationship 5 miles = 8km, to convert between these measures, and use conversion graphs to convert other units. |
| Understand the difference between perimeter as a measure of length and area as a measure of two-dimensional space. | I can explain the difference between perimeter and area. |  | Recognise that shapes with the same areas can have different perimeters and vice versa. | I can explore changing the perimeter and area of shapes, and the effect this has on the other. |
| Continue to become fluent in telling the time. | *Covered by other targets* |  | Consolidate fluency in working with time. | *Covered by other targets* |
| Continue to become fluent in writing the time. | *Covered by other targets* |  | Consolidate fluency in recording the time. | *Covered by other targets* |
| Continue to estimate and compare different measurements. | I can estimate and compare different measurements. |  | Continue to measure and compare using different standard units of measure. | I can read scales on a range of measuring equipment. |
| Measure the perimeter of composite rectilinear shapes. | I can measure and calculate the perimeter of complicated shapes. |  | Consolidate skills in identifying and measuring perimeter. | I can measure and calculate perimeters accurately. |
| Estimate the area of irregular shapes and volume and capacity. | I can estimate the area of irregular shapes using an appropriate strategy working with ‘parts’ of squares. |  |  |  |
| I can estimate capacity, knowing if there is enough water to fill a given number of cups. |  | Estimate volume of cubes and cuboids. | I can estimate the volume of cuboids by comparing it with a known volume. |
| Solve problems involving converting between units of time. | I can solve problems in which I need to convert between units of time. |  | Consolidate skills in solving problems converting between units of time. | *Covered by other targets* |
| Become familiar with temperature measure using degrees Celsius, realising that the scale becomes negative below the freezing point of water. | I can read temperatures from a thermometer and understand what is hot or cold. |  | Add and subtract positive and negative measurements such as temperature. | I can work out differences in temperature, including negative numbers. |
| Solve problems involving money using the four operations.Solve measurements problems using all four operations and decimal notation, including scaling and conversions. | I can solve problems involving measures using all four operations and converting units. |  | Continue to solve problems involving money using the four operations.Solve measurement problems with decimal notation up to three decimal places and approximate equivalences between metric and imperial measurements. | I can solve problems involving measures using all four operations, up to 3 decimal places, and converting between metric and imperial measurements. |
| Calculate the perimeter of composite rectilinear shapes. | *Covered by other targets* |  | Consolidate skills in calculating perimeter. | *Covered by other targets* |
| Calculate and compare the area of rectangles. | I can calculate the area of rectangles. |  | Calculate the area of parallelograms and triangles. | I can use a formula to calculate the area of triangles and parallelograms. |
|  |  |  | Recognise when it is possible to use formulae for area and volume of shapes. | I can use a formula to calculate the volume of shapes. |
|  |  |  | Calculate and compare volume of cubes and cuboids using standard units. | *Covered by other targets* |