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| **Year 2 - Building and assessing the conceptual understanding and learning – Measurement** |
| **End of Year Expectations:**Pupils should be taught to: * choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels
* compare and order lengths, mass, volume/capacity and record the results using >, < and =
* recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
* find different combinations of coins that equal the same amounts of money
* solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change
* compare and sequence intervals of time
* tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.
 | **Non-statutory guidance:**Pupils use standard units of measurement with increasing accuracy, using their knowledge of the number system. They use the appropriate language and record using standard abbreviations. They become fluent in telling the time on analogue clocks and recording it. Pupils become fluent in counting and recognising coins. They read and say amounts of money confidently and use the symbols £ and p accurately, recording pounds and pence separately.  **See NCETM “Teaching for Mastery” Year 2 book – measurement**https://www.ncetm.org.uk/public/files/23305579/Mastery\_Assessment\_Y2\_Low\_Res.pdf |
| **Autumn** | **Spring** | **Summer** |
| * compare and order lengths and record the results using >, < and =
* choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm);
* compare and sequence intervals of time
* tell and write the time including quarter past/to the hour and draw the hands on a clock face to show these times.
 | * recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
* find different combinations of coins that equal the same amounts of money (Link to addition and subtraction)
* solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change (Link to addition and subtraction)
* compare and order mass and record the results using >, < and =
* choose and use appropriate standard units to estimate and measure mass (kg/g);
* use a thermometer to read temperature (°C)
 | * tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.
* choose and use appropriate standard units to estimate and measure **capacity** (litres/ml) to the nearest appropriate unit, measuring vessels
* compare and order volume/capacity and record the results using >, < and =
* solve problems involving all measures in practical contexts
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| **Key questions:*** Can I make reasonable estimations of length / height using my knowledge of standard untis (m / cm)?
* Can I measure and record lengths / heights accurately (using m / cm)?
* Can I compare lengths / heights and record these using <, > and =?
* Can I work out and solve problems involving time intervals?
* Can I sequence events in time order?
* Can I tell the time on an analogue clock – including “o’clock”, “half past” and “quarter past / to”?
* Can I show the time on an analogue clock - including “o’clock”, “half past” and “quarter past / to”?

  | **Key questions:*** Can I work out amounts of money by confidently counting coins?
* Can I combine different combinations of coins to make given amounts of money?
* Can I use “£” and “p” correctly when recording amounts of money?
* Can I solve simple addition and subtraction problems in the context of money – including working out change?
* Can I make reasonable estimations about the weight of objects?
* Can I use scales and weights to measure mass (g / kg) and record these?
* Can I compare things by weight and record these using <, >, =?
* Can I use a thermometer to read temperature (°C)?
 | **Key questions:*** Can I tell the time in five minute intervals using an analogue clock?
* Can I show these times accurately on an analogue clock?
* Can I make reasonable estimates about capacity (litres / ml)?
* Can I use measuring vessels to find out the capacity of different containers (litres / ml)?
* Can I compare and order by capacity, using <, > and =?
* Can I confidently solve a range of problems involving all measures in practical contexts?
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