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| **Steps 0 - 3** | **Babies’ early awareness of shape, space and measure grows from their sensory awareness and opportunities to observe objects and their movements, and to play and explore.** * **Shows an interest in emptying containers.**
* **Explores capacity by selecting, filling and emptying containers, e.g. fitting toys in pram.**
* **Enjoys filling and emptying containers.**
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| **Steps 4 - 6** | * **Explore differences in capacity.**
* **Orders two items by capacity**
* **Children use everyday language to talk about capacity**
* **Enjoys tackling problems involving prediction and discussion of comparisons of capacity, paying attention to fairness and accuracy.**
* **Becomes familiar with measuring tools in everyday experiences and play.**
* **Compare quantities and objects and to solve problems**
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| **Y1** | **Compare, describe and solve practical problems for capacity and volume [eg: more than]****Measure and begin to record capacity and volume** |
| **Y2** | **Choose and use appropriate standard units to estimate and measure capacity (litres/ml) to the nearest appropriate unit, using measuring vessels****Compare and order volume/capacity and record the results using >, < and =** |
| **Y3** | **Measure, compare, add and subtract volume/capacity (l/ml)** |
| **Y4** | **Convert between different units of measure** |
| **Y5** | **Convert between different units of metric measure (for example, litre and millilitre)****Understand and use approximate equivalences between metric units and common imperial units such as pints****Estimate volume [for example, using 1 cm3 blocks to build cuboids (including cubes)] and capacity [for example, using water]** |
| **Y6** | **Solve problems involving the calculation and conversion of units of measure, using decimal****notation up to three decimal places where appropriate****Use, read, write and convert between standard units, converting measurements of volume from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places****Recognise when it is possible to use formulae for volume of shape****Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm3) and cubic metres (m3), and extending to other units [for example, mm3 and km3].** |

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