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| **Learners are able to:**  | **Nursery**  | **Reception** **Make a sensible estimate of up to 10 objects that can be checked by counting**  | **Year 1** Make a sensible estimate of a number of objects that can be checked by counting **Make a sensible estimate of measurement in length, height, weight and capacity that can be checked using non-standard measures**  | **Year 2** Use checking strategies: * Repeat addition in a different order
* Use halving and doubling within 20

**Make a sensible estimate of measurement in length, height, weight and capacity that can be checked using standard measures**  |
| **Use number skills** **Estimate and check**  | * Estimate a number of objects within a set of 10
* Guess, then check by counting
* Estimate the position of numbers up to 5 on a number line/counting stick
* Work in the Small World, Outdoor Area, any learning area
* Are there more in this set or in this set? Then count to check

  | **Estimating measurements** * Estimate length/height/distance before measuring using non-standard/standard units
* Estimate and measure height/length in cm
* Estimate the length of objects e.g. table = 50cm, 150cm, 2 metres
* Estimate then check weight/mass of objects using non-standard/standard units
* Order objects according to their weight/mass. Check with scales
* Estimate how many objects there are in 100g. Check by weighing
* Estimate weight/mass of objects e.g. weight/mass of a book = 10g, 100g, 1kg
* Estimate weight/mass of bigger objects e.g. a dog, a table, apples
* Estimate first and then check capacity using non-standard/standard units
* Order object according to their capacity
* Estimate and measure capacity up to 1 litre
* Estimate and measure using a litre cylinder (look at the divisions) to the nearest 100ml. Counting stick – value of each tally mark
* Mark position of 1 litre on a bucket
* Record estimates and measurements
* Estimate and measure the capacity of an object e.g. bottle = 10ml, 100ml or 1 litre. Nearest 10ml/100ml
* Estimate the capacity of buckets, bottles. Match capacities and **measurements**

**Estimating number** * Estimate and count up to 20 objects and then count them for accuracy
* Estimate the position of a number on a blank number line
* Inverse operations to check addition and subtraction
* Check addition calculations by arranging in a different order
* Use halving to check doubling and to the contrary
* Estimate answers to calculations before calculating them
* Use vocabulary such as approximately, nearly to justify decisions/estimates
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