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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 | |