**Key Learning in Mathematics – EYFS**

**Statements in bold are elements of the Early Learning Goals**

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| **Number – number and place value** | **Number – addition and subtraction** | **Number – multiplication and division** |
| * Count actions or objects which cannot be moved * Count objects to 10, and begin to count beyond 10 * Count out from a larger group * Count an irregular arrangement of up to ten objects * Estimate how many objects they can see and check by counting them * **Count reliably with numbers from 1 to 20** * Select the correct numeral to represent 1 to 10 objects * *Recognise numbers from 1-20* * *Read numbers from 1-20 in numerals* * Use language of ‘more’ and ‘fewer’ to compare two sets of objects * **Place numbers 1 to 20 in order** * **Say which number is one more or less than a given number** | * In practical activities and discussion, begin to use the vocabulary involved in adding and subtracting * *Understand addition as the combining of two or more groups to make a larger group and this can be done by counting all the items when the groups are combined or by counting on* * *Understand subtraction as take away and this can be found by removing one amount from another and counting how many are left or counting back* * Find the total number of items in two groups by counting all of them * **Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer** * Separate a group of three or four objects in different ways, beginning to recognise that the total is still the same * *Know number bonds to 10* * Record, using marks that they can interpret and explain * *Begin to record number stories using number sentences* * Begin to identify own mathematical problems based on own interests and fascinations * **Solve problems** | * *Understand that doubling is adding the same number to itself and that it is multiplying by 2* * *Understand that halving is sharing into two equal portions and that this is dividing by 2* * *Know doubles of numbers to 5 and corresponding halves* * Record, using marks that they can interpret and explain * Begin to identify own mathematical problems based on own interests and fascinations * **Solve problems, including doubling, halving and sharing** |
| **Measurement** |
| * Order two or three items by length or height * **Use everyday language to talk about size and distance** * **Use everyday language to compare quantities and objects and to solve problems** * Order two items by weight * **Use everyday language to talk about weight** * **Use everyday language to compare quantities and objects and to solve problems** * Order two items by capacity * **Use everyday language to talk about capacity** * **Use everyday language to compare quantities and objects and to solve problems** * Use everyday language related to time * Measure short periods of time in simple ways * Order and sequence familiar events * **Use everyday language to talk about time** * **Use everyday language to talk about money** * **Use everyday language to compare quantities and objects and to solve problems** |
| **Number – fractions** | **Geometry – properties of shapes** |
| * *Understand that halving is sharing into two equal portions and that this is dividing by 2* * *Know doubles of numbers to 5 and corresponding halves* * Record, using marks that they can interpret and explain * Begin to identify own mathematical problems based on own interests and fascinations * **Solve problems, involving halving and sharing** | * Use familiar objects and common shapes to create and recreate patterns * Begin to use mathematical names for ‘flat’ 2-D shapes, and mathematical terms to describe shapes * Select a particular named shape *(2-D and 3-D)* * Begin to use mathematical names for ‘solid’ 3-D shapes, and mathematical terms to describe shapes * **Explore characteristics of everyday objects and shapes and use mathematical language to describe them** |
| **Geometry – position and direction** |
| * **Recognise, create and describe patterns** * **Use everyday language to talk about position and to solve problems** |
| **Statistics** |
| * *Sort objects and say what features they have in common* |