**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**
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| **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**
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| **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**
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| **Geometry – position and direction** |
| * **Recognise, create and describe patterns**
* **Use everyday language to talk about position and to solve problems**
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| **Statistics** |
| * *Sort objects and say what features they have in common*
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