

Maths

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area of Development** | **Autumn 1 Autumn 2** | | | **Spring 1 Spring 2** | | | | **Summer 1 Summer 2** | | | | |
| **Maths** | **RECEPTION** | | | | | | | | | | | |
| * Count objects, actions and sounds. * Subitise. * Link the number symbol (numeral) with its cardinal number value * Count beyond ten orally. * Compare numbers * Understand the ‘one more than/one less than’ relationship between consecutive numbers. * Explore the composition of numbers to 5. | | | * Automatically recall number bonds for numbers 0–10. * Select, rotate and manipulate shapes in order to develop spatial reasoning skills. * Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can. * Explore the composition of numbers to 10. * Subitise. * Explore the composition of numbers to 10. | | | * Compare length, weight and capacity. * Continue, copy and create repeating patterns. * Automatically recall number bonds for numbers 0–10. * Count beyond ten. | | | | | |
| **EARLY LEARNING GOALS** | | | | | |
| **NUMBER** | | | | **NUMERICAL PATTERNS** | |
| * **Have a deep understanding of number to 10, including the composition of each number.** * **Subitise (recognise quantities without counting) up to 5.** * **Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts** | | | | * **Verbally count beyond 20, recognising the pattern of the counting system.** * **Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other Quantity`.** * **Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally** | |
| **Power Maths** | **1** | **Number**  **number and place value** | **Counting to 1,2,3** | **1** | **Number bonds to 5** | **Introducing the part-whole model** | | | **1** | **Exploring patterns** | | **Making simple patterns** |
| **2** | **Counting to 4** | **2** | **Numbers to 10** | **Counting to 6,7 and 8** | | | **2** | **Exploring more complex**  **patterns** |
| **3** | **Counting to 5** | **3** | **Counting to 9 and 10** | | | **3** | **Counting on and back** | | **Add by counting on** |
| **4** | **Number addition and subtraction** | **Sorting into 2 groups** | **4** | **Comparing**  **numbers within 10** | **Comparing groups up to 10** | | | **4** | **Taking away by counting back** |
| **5** | **Number and place value** | **Comparing quantities of identical objects** | **5** | **Addition to 10** | **Combining two groups to find the whole** | | | **5** | **Numbers to 20** | | **Counting to 20** |
| **6** | **Comparing quantities of non- identical objects** | **6** | **Number bonds**  **to 10** | **Using a ten frame** | | | **6** | **Numerical patterns** | | **Doubling** |
| **7** | **Number addition and subtraction** | **One more** | **7** | **The part whole model to 10** | | | **7** | **Halving and sharing** |
| **8** | **One less** | **8** | **Shape and space** | **Spatial awareness** | | | **8** | **Odds and evens** |
| **9** | **Time** | **Time** | **9** | **3D Shapes** | | | **9** | **Measure** | | **Length, height**  **and distance** |
|  | | | **10** | **2D Shapes** | | | **10** | **Weight** |
|  | | | | | **11** | **Volume and capacity** |