## Multiplication

| Reception |  |  |  |
| :---: | :---: | :---: | :---: |
| Early Learning Goals Solve problems involving doubling. |  |  |  |
| Strategy | Examples/representations |  |  |
|  | Concrete | Pictorial | Abstract |
| Count objects of the same number and add together |  |  | Double 2 is 4 $2+2=4$ |

## Year 1

## National Curriculum Objectives

Solve one step problems involving multiplication, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.
Strategy

Examples/representations

Doubling

| Concrete | Pictorial | Abstract |  |
| :--- | :--- | :--- | :--- |
|  |  |  | Double 8 is 16 |
|  | $\square \square$ | $\square \square$ | $8+8=16$ |
|  | $\square \square$ | $\square \square$ |  |







| Year 6 |  |  |  |
| :---: | :---: | :---: | :---: |
| National Curriculum Objectives <br> Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication. |  |  |  |
| Strategy | Examples/representations |  |  |
| Column multiplication | Concrete | Pictorial | Abstract $\begin{array}{r} 1234 \\ \times \quad 16 \\ \hline 7404 \\ 12340 \\ \hline 19,744 \end{array}$ |

