

## Lanivet School

## Calculation

 Written Method PolicySeptember 2019

## Addition - Key Stage 2



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## Subtraction - Key Stage 2



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## Year 5 and 6

Use manipulatives and model using place value charts with base 10 and place value counters to support where needed.


## Division - Key Stage 2



## Division - Key Stage 2



## Division - Key Stage 2

## Year 6

Use the same short method for division as in year 5. Also use the short division method if dividing by 11 and 12 .

Long division method


## Year 5 and 6 (dividing with remainders and decimals)


$826.4 \div 5=165.28$


## Multiplication - Key Stage 2



## Multiplication - Key Stage 2

## Year 5 and Year 6

Short multiplication using the same grid and formal method as year 4 using four digits multiplied by one digit.

Long multiplication

| $132 \times 4=3168$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Th | H | T | O |  |  |
|  | 1 | 3 | 2 |  |  |
| x |  | 2 | 4 |  |  |
|  | 5 | 2 | 8 | $(132 \times 4)$ |  |
| + 2 | 6 | 4 | 0 | (132 20 ) |  |
| 3 | 1 | 6 | 8 | Place a 0 colum to mutiplying (10 times | $\begin{aligned} & \text { nthe ones } \\ & \text { show } \\ & \text { by } 10 \\ & \text { igger } \end{aligned}$ |

Progress to removing brackets from the expanded method.

## Year 5 and Year 6

For year 6 carry out the same short and long multiplication method as year 5 (Progress to removing brackets from expanded method)

Multiplying one digit numbers by decimals up to two decimal places.


