Rothersthorpe CE Primary School - Calculation Policy - 2015

| Addition |
| :--- | :--- | :--- |
| Counting on from a number to find the <br> total <br> l have 5 pennies in my tin. I put in one, <br> two, three pence more. How many pennies <br> are in the tin now? <br> Use moveable objects when finding <br> totals. Touch and align each object as <br> it is counted. <br> Count first group, start |
| count from first group's total when counting |
| second group |


| Year 1 |  |  |  |
| :---: | :---: | :---: | :---: |
| Addition | Subtraction | Multiplication | Division |
| $\pm=$ signs and missing numbers $\begin{array}{ll} 3+4=\square & \square=3+4 \\ 3+\square=7 & 7=\square+4 \\ \square+4=7 & 7=3+\square \\ \square+\nabla=7 & 7=\square+\nabla \end{array}$ <br> Promoting covering up of operations and numbers. <br> Number lines (numbered) $7+4$ <br> Recording by - drawing jumps on prepared lines <br> - constructing own lines <br> ( Teacher model number lines with missing numbers) <br> (Teachers model jottings appropriate for larger numbers) | $-=$ signs and missing numbers  <br> $7-3=\square$ $\square=7-3$ <br> $7-\square=4$ $4=\square-3$ <br> $\square-3=4$ $4=7-\square$ <br> $\square-\nabla=4$ $4=\square-\nabla$ <br> Number lines (numbered) $11-7$ <br> (Counting back) <br> The difference between 7 and 11 (Counting up) <br> Recording by - drawing jumps on prepared lines - constructing own lines <br> (Teachers model jottings appropriate for larger numbers) | Pictures and symbols <br> There are 3 sweets in one bag. <br> How many sweets are there in 5 bags? <br> (Recording on a number line modelled by the teacher when solving problems) <br> Use of bead strings to model groups of. <br> $000000-0000$ | Pictures / marks <br> 12 children get into teams of 4 to play a game. How many teams are there? |

Rothersthorpe CE Primary School - Calculation Policy - 2015


Rothersthorpe CE Primary School - Calculation Policy - 2015


Rothersthorpe CE Primary School - Calculation Policy - 2015


Rothersthorpe CE Primary School - Calculation Policy - 2015



Rothersthorpe CE Primary School - Calculation Policy - 2015

|  |  |  |  | There are 558 biscuits. How many packets of 24 ? $\begin{array}{c\|} 2 4 \longdiv { 5 5 8 . 0 0 } \\ \frac{48}{78} \end{array}$ <br> There will be 23 packets with 0.25 of a packet left over or <br> 72 <br> 6 biscuits left over or $6 / 24=1 / 4$ left over. $\begin{aligned} & 60 \\ & \frac{48}{180} \\ & \frac{180}{0} \end{aligned}$ <br> A piece of wood measuring 6.75 m is sawn into 5 equal sections. How long is each section? $5 \longdiv { 6 . 7 5 }$ <br> Each section will measure 1.35 m . |
| :---: | :---: | :---: | :---: | :---: |

