| Learning area Place Value | Example a pupil may be given] How can you help at home? |
| :---: | :---: |
| Count forwards and backwards in 1s, 2s, 5 s and 10s within 1000. <br> Count forwards and backwards in multiples of $3,4,5,6,7,8,9$, within 100. |  |
| Count forwards and backwards in halves and quarters. | $\begin{array}{llll} 0 & \frac{1}{2} & 1 & 1 \frac{1}{2} \\ \hline \end{array}$ $\square$ $\square$ $\square$ |
| Read, write, and recognise numbers within 1000 <br> (before, after and between). | Write the correct numerals next to the written words. <br> 6. four hundred and thirty-nine <br> 7. two hundred and thirty-seven |
| Find missing numbers in a sequence (increasing and decreasing) within 1000. |  |
| Understand that the place of a digit indicates its value and that 0 is a place holder. Demonstrate value of any number within 1000 in terms of thousand, |  <br>  <br> - m $\mathrm{m} \cdot \mathrm{man}$ $\qquad$ $\cdots$ $\qquad$ - w. <br> t. m . $\qquad$ : $\qquad$ |


| hundreds, tens and ones (units). |  |
| :---: | :---: |
| Order a set of consecutive/non-consecutive numbers (increasing and decreasing) within 1000. |  |
| Round numbers within 1000, to nearest 100 and nearest 10 . | nearest 10 numbers nearest 100 <br> $\angle 30$ 428 400 <br> 570 567 600 |
| Begin to develop an understanding of place value to include up to one decimal places, use this to multiply and divide numbers by 10 and 100. | $\begin{aligned} & 4.4 \times 10= \\ & 9.4 \times 10= \\ & 7.1 \times 10= \end{aligned}$ |
| Develop a standard written method for vertical subtraction H T U (no exchange, then with exchange), estimating the answer before calculating. | $\begin{array}{r} 34^{3} 3 \\ -237 \end{array}$ |
| Learning Area: Mental Maths |  |



|  | Pupils may use a range of strategies to calculate mental calculations, such as: <br> -Partitioning/breaking a number up into its TU <br> -Counting on one by one <br> e.g. $37+3=38,39,40$ <br> -Rounding to 'friendly numbers' <br> e.g. $\begin{aligned} & 29+31= \\ & 30+30=60 \end{aligned}$ <br> -Making sets of 10 <br> e.g. $\begin{aligned} & 57+39= \\ & 57+3=60 \\ & 60+33=93 \end{aligned}$ <br> -Adding up in chunks or skip counting on <br> e.g. $\begin{aligned} & 47+55= \\ & 7+5=12 \\ & 40+50=90 \\ & 90+12=112 \end{aligned}$ |
| :---: | :---: |
| Mentally subtract 100 from multiples of 100 within 1000. | $\begin{aligned} & \text { e.g. } \\ & 900-100= \\ & 500-100= \\ & 300-100= \end{aligned}$ |
| Mentally add and subtract two 2 digit numbers within 100, without bridging/crossing 10. | Adding Two Two-Digit Numbers $53+24=$ <br> First add ones: First add tens 50 $+\quad 4$ $+\quad 20$ |
| Mentally add and subtract a single digit to a 2 digit number, bridging/crossing the 10 $(34+7,43-8)$ | $46+6=$ Bridge up to the next 10 first $46+4=50$ $50+2=52$ |
| Learning Area: Money |  |

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| deciding on best value when considering different options, putting money into a savings account etc |  |  |  |  |
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| Calculate in the context of money, using all 4 operations- e.g. working out the cost of a meal for 4 people, then splitting the total cost equally between them. | Pizza Night Budget |  |  |  |
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| Calculate estimated costs by rounding prices to the nearest pound, 50 p or 10 p as appropriate. |  |  |  |  |



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Understand all times tables (up to 12) multiplication facts as repeated addition, and as arrays. Develop quick recall, using understanding of commutativity, and knowledge of other multiplication facts. Derive corresponding division facts, using understanding of inverse relationship.

| inverse relationship. | $5 \times 3$ |
| :--- | :---: |
|  | "5 lots of $3^{\prime \prime}$ |
|  | $3+3+3+3+3$ |
| equal groups of 3" <br> Use written multiplication <br> methods to multiply a 2 or <br> 3 digit number by any single <br> digit number |  |
|  |  |

## Learning Area: Fractions

Recognise, read and write fractions, identifying numerator and denominator.
Order a set of fractions (increasing and decreasing).

" 5 lots of $3 "$

9

P5 - Within the area of 'Number' by the end of P5, a child of average ability should be able to, know, understand and use*:
https://www.topmarks.co.uk/maths-games/hit-

## the-button



$$
\frac{4}{12} \frac{6}{12} \frac{8}{12} \frac{10}{12} \frac{11}{12}
$$

