| COMPARING AND ESTI MATING |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 |
| compare, describe and solve practical problems for: <br> * lengths and heights [e.g. long/short, longer/shorter, tall/short, double/half] <br> * mass/weight [e.g. heavy/light, heavier than, lighter than] <br> * capacity and volume [e.g. full/empty, more than, less than, half, half full, quarter] <br> * time [e.g. quicker, slower, earlier, later] | compare and order lengths, mass, volume/capacity and record the results using > <and = |  | estimate, compare and calculate different measures, including money in pounds and pence (also included in Measuring) | calculate and compare the area of squares and rectangles including using standard units, square centimetres $\left(\mathrm{cm}^{2}\right)$ and square metres $\left(\mathrm{m}^{2}\right)$ and estimate the area of irregular shapes (also included in measuring) estimate volume (e.g. using 1 $\mathrm{cm}^{3}$ blocks to build cubes and cuboids) and capacity (e.g. using water) | calculate, estimate and compare volume of cubes and cuboids using standard units, including centimetre cubed $\left(\mathrm{cm}^{3}\right)$ and cubic metres $\left(\mathrm{m}^{3}\right)$, and extending to other units such as $\mathrm{mm}^{3}$ and $\mathrm{km}^{3}$. |
| sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening] | compare and sequence intervals of time | compare durations of events, for example to calculate the time taken by particular events or tasks |  |  |  |
|  |  | estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes, |  |  |  |

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Measurement


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|  |  |  |  | notation to up to three <br> decimal places |  |
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|  |  |  | read, write and convert time <br> between analogue and digital <br> D and 24 -hour clocks <br> (appears also in Converting) | solve problems involving <br> converting between units of <br> time | solve problems involving the <br> calculation and conversion of <br> units of measure, using <br> decimal notation up to three <br> decimal places where <br> appropriate <br> (appears also in Measuring <br> and Calculating) |
|  |  |  | solve problems involving <br> converting from hours to <br> minutes; minutes to seconds; <br> years to months; weeks to <br> days <br> (appears also in Telling the <br> Time) | understand and use <br> equivalences between metric <br> units and common imperial <br> units such as inches, pounds <br> and pints | convert between miles and <br> kilometres |

