



Churchside Federation

Mundford & Gooderstone Church of England Primary Academies

Maths Essentials for Year 4

During the year, we expect the children to learn the following:

- Read and convert between analogue and digital, 12 and 24 hour clocks.
- That area is the space (squares) inside a shape & perimeter is the distance around the edge of a shape.
- Simple conversion between fractions & percentages (e.g. $\frac{1}{2} = 50\%$, $\frac{1}{4} = 25\%$, 1 whole = 100%, $\frac{1}{10} = 10\%$).
- Know all times tables (up to $12x$).
- Relationship between metric units of measure (e.g. metres, centimetres, millimetres & kilometres; litres & millilitres; grams & kilograms).

Children also need to use what they have learnt in previous years.

These are some of the things they should already know:

- Read the time on digital and analogue clocks.
- The relationship between units used for measuring length, weight & capacity (e.g. how many millilitres in a litre or centimetres in a metre)
- Recognise coins and notes.
- The months of the year (including how many days in each month).
- Recognise & name 2D and 3D shapes.
- Doubles & halves.

Ideas for practising at home:

- Read clocks & work out time differences (e.g. how long until ...)
- Measuring accurately for cooking, DIY etc.
- Paying for items in shops, calculating change, finding the amount required.
- Playing darts & any games that involve keeping score.

The Why & Apply

Use these questions to help your child see why we need to learn these and where we use them:

- Why do we need to learn ?
- Where can we use this skill at home?
- What jobs might need to know this?
- Who do you know that uses ?