



Churchside Federation

Mundford & Gooderstone Church of England Primary Academies

Maths Essentials for Year 5

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

- Negative numbers (e.g. in the context of temperatures).
- The relationship between common fractions, percentages and decimals (e.g. $1/5 = 20/100 = 20\% = 0.2$).
- Addition and subtraction of money using decimals.
- Converting between units of measure, for example turning metres into millimetres, grams into kilograms or hours into minutes.

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

These are some of the things they should already know:

- Times Tables (up to $\times 12$).
- Telling the time (on digital & analogue clocks).
- The number of minutes in an hour (& working out how many minutes until the next hour).
- Simple conversion between percentages and fractions.
- Measure accurately using the appropriate metric units.
- Money: the values of all coins and notes.

Ideas for practising at home:

- Using money to pay for items and calculate change.
- Following recipes, accurately measuring ingredients.
- Compare the temperature on different days or in different places and work out the difference between temperatures (including those that cross 0).
- Find percentage discounts in shops.
- Work out how long TV programmes or films last.

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 ?*