Mathematics

- Identify multiples and factors of a number
- Count forwards and backwards through zero
- Round to one decimal place
- Use columnar addition and subtraction with numbers of any size
- Multiply a three- or four-digit number by a two-digit number using long multiplication
- Divide numbers up to four-digits by a single-digit number using short division and interpret the remainder
- Add and subtract fractions with denominators that are multiples of the same number
- Write decimals as fractions
- Understand that per cent relates to number of parts per hundred
- Convert between adjacent metric units of measure for length, capacity and mass
- Measure and draw angles
- Calculate the area of rectangles
- Distinguish between regular and irregular polygons

Essential knowledge for Year 5

- **Know the place value headings up to millions**
- **Recall primes to 19**
- **Know the first 12 square numbers**
- **Know the Roman numerals I, V, X, L, C, D, M**
- **Know the % symbol**
- **Know percentage and decimal equivalents for $\frac{1}{2}, \frac{1}{4}, \frac{1}{5}, \frac{2}{5}, \frac{4}{5}$**
- **Know rough conversions between metric and imperial units**
- **Know that angles are measured in degrees**
- **Know angles in one whole turn total 360°**
- **Know angles in half a turn total 180°**
- **Know that area of a rectangle = length × width**

End of Year Expectations
Year Five

This booklet provides information for parents and carers on the end of year expectations for the children in our school. The staff have identified these expectations as being the minimum requirement your child must meet in order to meet national age related expectations and to ensure continued progress throughout the following year.

All the objectives will be the focus of direct teaching throughout the year and revisited many times to ensure depth of learning and secure understanding. Any extra support you can provide in helping your child to achieve these is greatly valued.

If you have any queries regarding the content of this booklet or want support in knowing how best to help your children please talk to your child's class teacher.

welcome to year 5!