|  | K | Mathematical Skills <br> - Read and interpret decimal numbers shown on digital measuring equipment. <br> - Appreciate that adding 0 to the right of a decimal number does not change its size. <br> - Convert measurements between units, making use of decimal notation. <br> - Read and write numbers with up to three decimal places. <br> - Position decimal fractions on a number line. <br> - Explain the relationship between ones, tenths, hundredths and thousandths. <br> - Explain common fractions and decimal equivalents. <br> - Recognise familiar decimal and common fraction equivalents. <br> - Recognise the relationship between fractions and dividing, including using a calculator to find the decimal equivalent of a common fraction. <br> - Represent decimal fractions with base-ten apparatus. <br> - Give decimal numbers which lie between given consecutive whole numbers, tenths, or hundredths. <br> - Compare and order decimal numbers by looking at the most significant figure. |
| :---: | :---: | :---: |
| Equivalence | The same value represented in different ways. |  |
| Ones | Refers to the number of whole ones in a number. |  |
| Tenths | Refers to the number of tenths (one whole one split into 10 equal pieces) in a decimal number e.g. 2.431 has 4 tenths. |  |
| Hundredths | Refers to the number of hundredths (one whole one split into 100 equal pieces) in a decimal number e.g. 2.431 has 3 hundredths. |  |
| Thousandths | Refers to the number of thousandths (one whole one split into 1000 equal pieces) in a decimal number e.g. 2.431 has 1 thousandth. |  |
| Decimal fraction | A fraction represented by a decimal e.g. $1 / 10=0.1$. |  |
| Interval | The distance between two points or the numbers between two values |  |

## Mathematical Methods

- Revisiting the use of decimals in measurement e.g.

| kg | kg and g | g |
| :---: | :---: | :---: |
| $\mathrm{I} \cdot 25 \mathrm{~kg}$ | Ikg 250 g | 1250 g |

- Making connections between fractions and decimals-tenths.

- Making connections between fractions and decimals-hundredths.
E.g.
- Representing decimals with base-ten apparatus e.g. 1.75

- Decimal number lines e.g.

- Introducing thousandths.

- Comparing decimals e.g.


Ordering decimals in a list e.g. $2.055<2.7<2.78<3.01<3.3<3.928$

## Can you..?

- Write three decimals that lie between $241 / 4$ and $241 / 2$.
- How much of the baseboard is covered in blue? Write this as a fraction and as a decimal.

Write 3.75 as a fraction.

- Which number is bigger 2.343 or 2.398 ? Explain your answer.

