

## **Knowledge Organiser**

Year Group	Subject	Торіс
6	Mathematics	Percentages

## **The Big Picture**

It is important that children understand that 'percent' means 'out of 100'. Children will be familiar with converting some common fractions from their work in Year 5 They learn to convert fractions to equivalent fractions where the denominator is 100 in order to find the percentage equivalent.

Children use their knowledge of common equivalent fractions and decimals to find the equivalent percentage. A common misconception is that 0.1 is equivalent to 1%. Diagrams may be useful to support understanding the difference between tenths and hundredths and their equivalent percentages.

Children convert between fractions, decimals and percentages to enable them to order and compare them. Encourage them to convert each number to the same form so that they can be more easily ordered and compared. Once the children have compared the numbers, they will need to put them back into the original form to answer the question.

## **Enquiry Question**

What does the word 'percent' mean?

How can you convert tenths to hundredths?

How do you convert a percentage to a decimal?

Can you use a hundred square to represent your conversions?

What is the most efficient way to order them?





