Master Tenths

Rationale

In this step, pupils build on their understanding that 10 ones are equivalent to 1 ten and make the link between ones and tenths. They will recognise that tenths occur when one whole is divided into 10 equal parts and will understand that 10 tenths are equivalent to 1 one. They will also identify that 1 is 10 times the size of 1 tenth.

Pupils may use multilink cubes and Dienes to represent the equivalence between tenths and one.

Key Stem Sentences

- ___ tenths are equivalent to ___ one.
- ___ is 10 times the size of 1 tenth.

Key Vocabulary

- equivalent
- one
- tenths

Key Representations

Multilink cubes
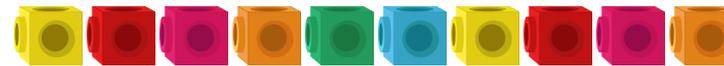
1 is 10 times the size of 1 tenth.

Dienes

1 one   1 tenth

10 tenths are equivalent to 1 one.

Common Errors or Misconceptions

- Pupils may have difficulty understanding the concept of the number one being divided into 10 equal parts.
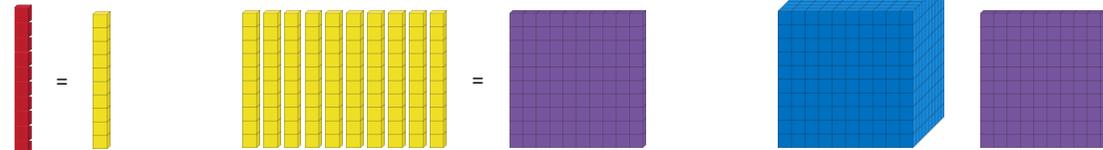
## Pupils will FLOURISH if they can...

- identify that 10 tenths are equivalent to 1 one.
- recognise that 1 is 10 times the size of 1 tenth.
- begin to explain their understanding using 'Decide, Assess, Back up', given stems and representations.