

# Master 1,000s

## Rationale

In this step, pupils develop their understanding of hundreds from Year 3 and make the link between hundreds and thousands. They will understand that 10 hundreds are equivalent to 1 thousand and that 1,000 is 10 times the size of 100. Pupils will learn the equivalence of hundreds to multiples of 1,000. For example, 40 hundreds are equivalent to 4 thousands.

They will deepen their understanding with equivalences of wider powers of 10. For example, 8,000 ones are equivalent to 8 thousands or 300 tens are equivalent to 3 thousands.



## Key Stem Sentences

- \_\_\_ hundreds are equivalent to 1 thousand.
- \_\_\_ is 10 / 100 / 1,000 times the size of \_\_\_
- \_\_\_ \_\_\_\_\_s are equivalent to \_\_\_ \_\_\_\_\_s.



## Key Vocabulary

- ones / tens / hundreds / thousands
- equivalent to



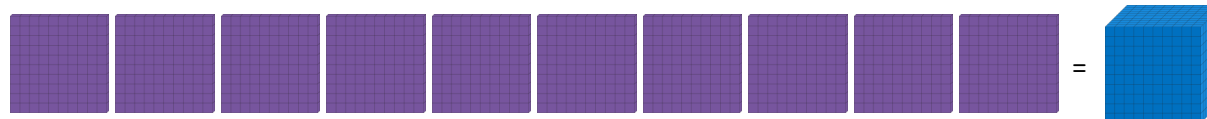
## Common Errors or Misconceptions

- Pupils may misunderstand base 10 place value. For example, 100 hundreds are equivalent to 1 thousand / 50 tens are equivalent to 5 thousands.

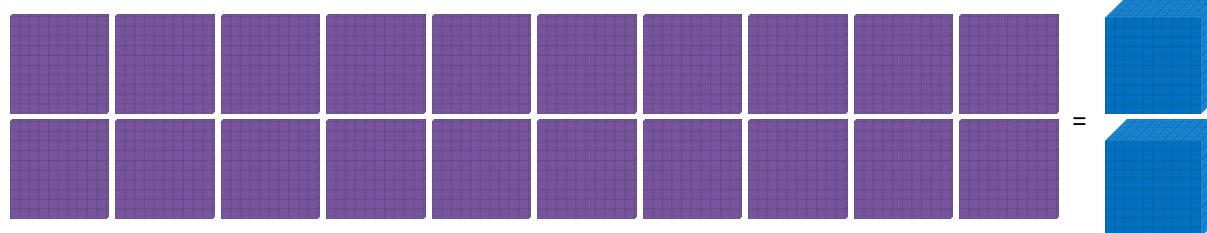


## Key Representations

### Dienes



10 hundreds are equivalent to 1 thousand.



20 hundreds are equivalent to 2 thousands.



## Pupils will FLOURISH if they can...

- identify that 10 hundreds are equivalent to 1 thousand.
- recognise that 1,000 is 10 times the size of 100
- understand equivalence with wider powers of 10
- explain their understanding using 'Decide, Assess, Back up' with representations.

