MATHS KNOWLEDGE ORGANISER

ESSENTIAL VOCABULARY

Number line	A line on which numbers are marked
Equal to	The same amount
More than	A larger amount
Less than	A smaller amount
most	The largest amount
least	The smallest amount
Conservation	7 teddies have the same value as 7 dolls
Tens frame	A rectangle with 10 equal spaces. Counters can be placed in them to show numbers less than or equal to 10

What is wrong with this sequence? How do you know?

3 5 4 6

Stem Sentences

Speaking Frame - Ordering Values

I know the number ☐ is smaller than ☐ because …

I know the number ☐ is bigger than ☐ because …

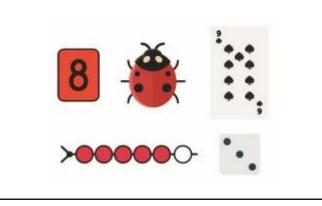The first value is less than ☐ because …
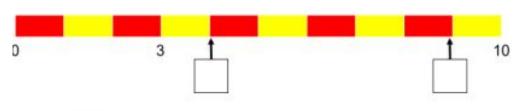
The last value is more than ☐ and ☐ because …

LINKS TO PREVIOUS LEARNING

This builds on from the previous learning sequences and introduces ordering and consecutive numbers. In this sequence, the number line is built up using dot patterns, continuing the skill of subitising, and using numerals to represent the amounts. Pupils will continue to use the language of comparison, especially when reasoning and use their knowledge of identifying one more and one less (fewer). They will use this to help them order numbers and then correctly place the numbers within the number system.

Put these values in order starting with the smallest. Which value will be in the middle?

What numbers could go in the boxes?

How are you going to organise the numbers?

Whose number needs to go first?

How do you know your number is in the correct place?

0 1 2 3 4 5 6 7 8 9

'As a family we live, love, learn and celebrate with Jesus.'