

## Maths - Year 1

### Securing Foundations 4: Comparing and ordering, more patterns, beginning calculating

#### Key Vocabulary

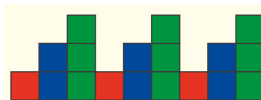
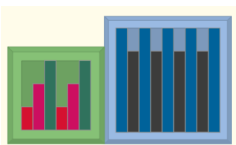
Positional language	E.g. next, before, after, in, last, between, forwards, backwards.
Visualise	To form a mental image.
Ordinal numbers	E.g. First, second, third, fourth etc.
Repeat	Say or do something again, or more than once.
Predict	Work out what you think will happen.
Comparative words	Smaller, larger, next bigger, next smaller etc.
Repeating pattern	A set of numbers, shapes or objects that are copied in the same order each time.
Combine	To join together.
Add	Combine two or more amounts or numbers to make a total.
Altogether/ total	The whole amount of numbers or objects combined.
Equals/makes	The same in number or amount.

#### Mathematical Skills

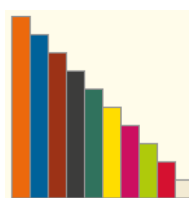
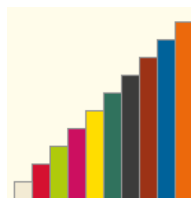
- Refer to Numicon shapes using number names.
- Notice patterns in the ordered sequence of Numicon shapes and use these to predict what the next shape in the sequence might look like.
- Copy and continue repeating patterns.
- Devise repeating patterns.
- Develop strategies for counting collections of up to 10, 20 or 30 objects accurately.
- Arrange objects counted into Numicon shape patterns.
- Know where on the number line to go to find a number.
- Make a sensible estimate of the size of a collection within their counting range.
- Place objects in order size.
- See a total when Numicon shapes are combined, without counting holes.
- Know when to add within their daily routines and when faced with mathematical problems.
- Say a number sentence or number story clearly while illustrating it with objects or structured apparatus.

#### Mathematical Methods

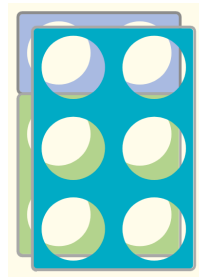
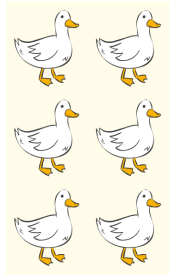
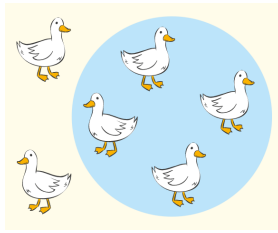
- Creating repeating patterns with number rods and towers of cubes.



- Making repeating patterns with objects and sounds.
- Counting larger collections of objects with number lines and Numicon shape patterns.
- Ordering objects of different heights.
- Putting number rods in order of length.



- Finding how many altogether.



## Can you..?

- Can you continue to the pattern?



- Choose two Numicon shapes. What are their numbers? Which one is more? Which one is less?



- Use the number rods to make a repeating pattern? Use three different colours.

