

## Maths - Year 1

### Securing Foundations 1: Learning about Numicon Shapes, number rods, pattern and counting

#### Key Vocabulary

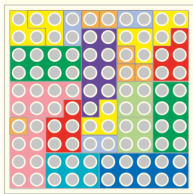
Positional language	E.g. upside down, sideways, next, before, after, in between, turn, flip, first, last, forwards, backwards.
Ordinal numbers	E.g. First, second, third, fourth etc.
Language of time	E.g. Days of the week, yesterday, today, tomorrow.
Sequence	An ordered list of numbers, shapes or objects.
Estimate	Work out an answer that is nearly right.

#### Mathematical Skills

- Give number names to Numicon shapes.
- Notice patterns in the ordered sequence of Numicon shapes and use these to predict what the next shape might look like.
- Suggest using Numicon shapes and/or number rods to represent numbers.
- Place events in sequence.
- Suggest that numbering a list is helpful when putting the items in order.
- Recite the counting sequence, and count on from any number within their range.
- Develop strategies for counting up to 10 objects (extending to 20 and 30) accurately, saying one number name for each object counted.
- Are beginning to make a good estimate of the size of a collection within their counting range.

#### Mathematical Methods

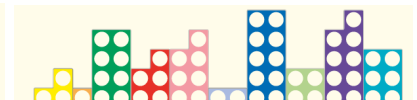
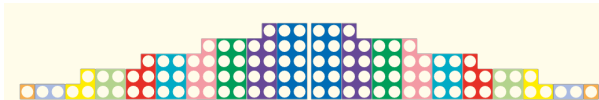
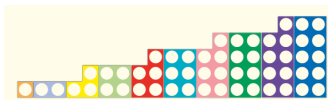
- Exploring the Numicon shapes e.g. covering the baseboard and using mathematical language to describe their choices.



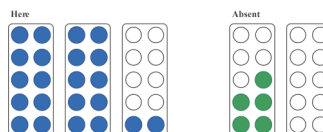
- Exploring the number rods.



- Exploring ordering Numicon shapes.
- Exploring patterns through daily and weekly class routines and days of the week.



- Reciting the counting sequence of number names.



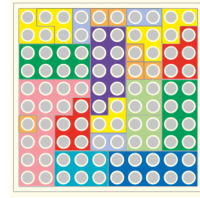
- Counting small collections of objects accurately.

## Can you..?

- Create a picture with the Numicon shapes or the Numicon rods.



- How many ways can you cover the baseboard with Numicon shapes?



- Which number is this?

7

Can you count out objects to match this number?