

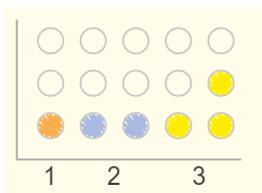
Maths - Year 1

Securing Foundations 3: Building Numicon Shape patterns, more repeating patterns and number lines

Key Vocabulary		Mathematical Skills
Positional language	E.g. next, before, after, in, last, between, forwards, backwards.	<ul style="list-style-type: none"> - 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. - Place events in sequence. - Suggest that numbering a list helps to put the items in order. - Create organised arrangements of objects in play. - Copy and continue repeating patterns. - Develop strategies for counting collections of up to 10, 20 or 30 objects accurately. - Arrange objects counted into Numicon shape patterns. - Relate counting to the number line, finding the last number in the count on the number line and explaining that this tells them how many they have counted. - Write numerals in response to hearing the corresponding number names or seeing the corresponding Numicon shapes. - 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.
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.	
Sequence	An ordered list of numbers, shapes or objects.	
Repeating pattern	A set of numbers, shapes or objects that are copied in the same order each time.	
Estimate	Work out an answer that is nearly right.	
Numeral	A symbol or group of symbols that represent a number.	

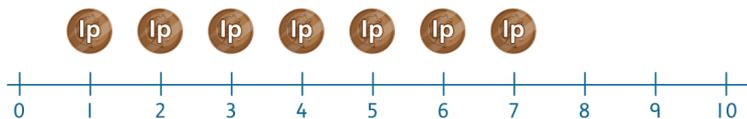
Mathematical Methods

- Building and recording Numicon shape patterns.

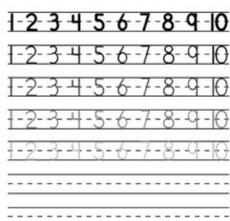


- Making repeating patterns with objects and sounds.

- Counting collections of objects with number lines and Numicon shape patterns.

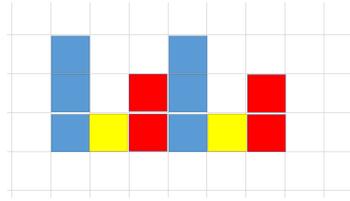


- Writing numerals.



Can you..?

- Roll a dice. Make a number pattern for the number you roll. Where would the number go on your number line?
- Create a repeated pattern on squared paper.



- Write the numeral to match the number patterns.

