

Maths - Year 1

Securing Foundations 11: Counting and adding

Key Vocabulary		Mathematical Skills
Positional language	E.g. next, before, after, in, last, in between, forwards, backwards, previous, following.	
Order	Arranging numbers, shapes or objects into a sequence or pattern.	
Sequence	An ordered list of numbers, shapes or objects.	
Comparative words	Smaller, larger, next bigger, next smaller etc.	
Numeral	A symbol or group of symbols that represent a number.	
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.	

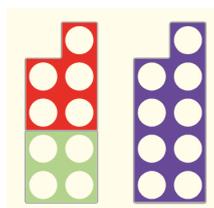
- Accurately build Numicon shape patterns for numbers up to 31.
- Combine two or more Numicon shapes and say the total without counting.
- Use Numicon shapes in different positions to make a total, e.g. 5 and 3 or 3 and 5.
- Explain what they have done in whole-number adding sentences e.g. I have put a 1, a 3 and a 4 together to make 8. Some children may use the word 'equals'.
- Know when to use their knowledge that numbers can be added in any order.
- Know when to add within their daily routines and how to solve mathematical word problems involving adding.

Mathematical Methods

- Estimate and count how many 1p coins up to 31.

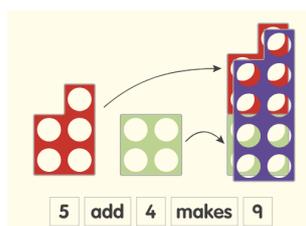


- How many children in the play park e.g. At the play park, four children were on the climbing frame. Five children were on the swings. How many children were there altogether?

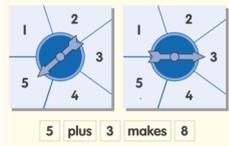


- Adding stories with 'more' e.g. Three children are already on the climbing frame and four more arrive. How many children are on the climbing frame now?

- Introducing word cards for calculating.



- Reading adding sentences and finding apparatus.

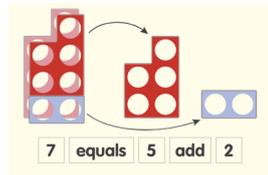


Rods or shapes could be selected.



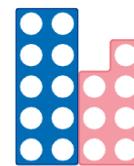
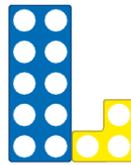
- Reading adding sentences and creating their own number stories.

- A different order for an adding sentence.



Can you..?

- Write the numerals for these shapes.



- A group of 5 children are playing outside and 3 more join them. How many children are playing outside now?

- Tell me a number story to match the Numicon shapes.

