Maths - Year 1

Pattern and Algebra 5: Finding possibilities

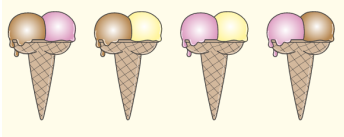
Key Vocabulary	
Pattern	A set of ordered numbers, shapes or objects.
Similar	Like something else but not identical.
Different	Unlike something else.
Combination	Shapes, numbers or objects joined together.
Group/set	A number of things put together.
Systematically	Working in a fixed, methodical way.
Estimate	Work out an answer that is nearly right.

Mathematical Skills

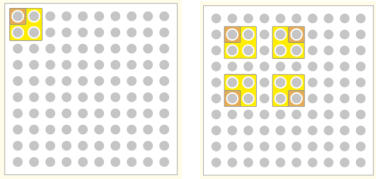
- Recognise that it is important to be well organised and to work systematically e.g. showing adding facts in order with structural apparatus.
- Make a general statement after noticing something happening regularly.

Mathematical Methods

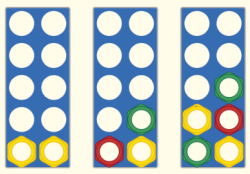
- How many different flavours of ice cream? Find all the possibilities.



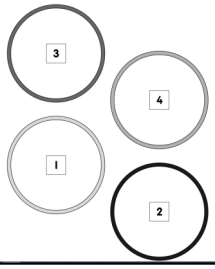
- How many different 2 x 2 squares with Numicon shapes?



- Exploring possible Numicon shape patterns with 10 pegs.

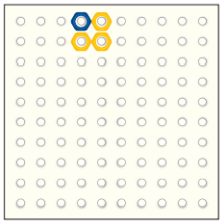


- Looking at possibilities with number facts e.g. exploring different total scores in a hoop game.



Can you..?

- How many different patterned squares can you make out of 4 pegs? You can use any of the yellow or blue pegs.



- How many ways can you make five with the number rods?