

Maths - Year 1

Pattern and Algebra 4: Logic

Key Vocabulary

Pattern	A set of ordered numbers, shapes or objects.
Similar	Like something else, but not identical.
The same	Identical.
different	Unlike something else.
Group/set	A number of things put together.
Systematically	Working in a fixed, methodical way.

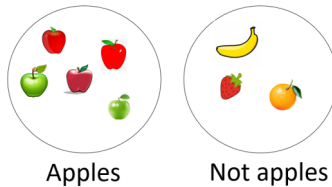
Mathematical Skills

- Recognise that it is important to be well organised and to work systematically.
- Make a general statement after noticing something happening regularly.
- Describe objects according to their attributes.
- Sort objects according to their attributes.
- Are able to describe and sort a 'not' set.

Mathematical Methods

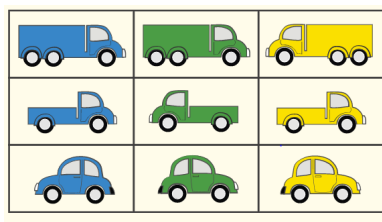
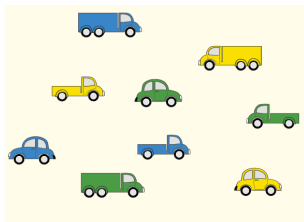
- Following rules to make sets e.g. organising sets of objects by colour, shape, size etc.

- Sorting fruit—the 'not' set e.g.



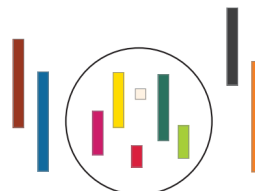
- Sorting buttons e.g. grouping buttons based on their attributes.

- Organising sets using a grid.



Can you..?

- Can you explain how Leo has sorted the number rods.



- These numbers follow a pattern but one number is missing. Can you work out the pattern? Which number is missing?



