



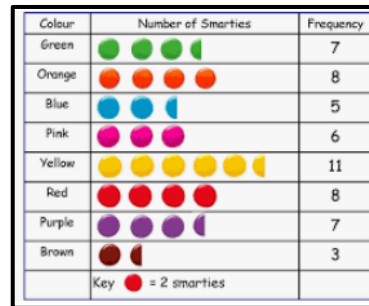
Data and Information – Pictograms Year 2 Knowledge Organiser

Know how to:

- Recognise that we can count and compare objects using tally charts
- Recognise that objects can be represented as pictures Create a pictogram
- Select objects by attribute and make comparisons
- Recognise that people can be described by attributes
- Explain that we can present information using a computer

Key questions:

- How can information be presented using a computer?
- How can an information be compared using a computer?
- How can a computer be used to create simple graphs and charts?



Key Vocabulary	
Word	Definition
Compare	To find the similarities or differences between two or more people or things.
Tally Chart	A tally chart is a simple way of recording and counting frequencies.
Represented	To present a picture, image, or likeness of.
Pictograms	A pictogram is a chart that uses pictures or symbols to represent data, so you don't have to look at lots of numbers.
Attribute	A quality belonging to a particular person or thing.
Comparison	To point out as similar.

National Curriculum Links:

Pupils should be taught to:

- understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
- create and debug simple programs
- use logical reasoning to predict the behaviour of simple programs
- use technology purposefully to create, organise, store, manipulate and retrieve digital content
- recognise common uses of information technology beyond school
- use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

Think, pair, share: How could you describe these groups?

Group A is _____ and group B is _____.

Think, pair, share: Can I group them into 'triangles' and 'not triangles'?

Triangles

Not triangles