Computing	Data & Information - Pictograms	Year 2	Spring 2

Key Knowledge

To recognise that we can count and compare objects using tally charts	• I can compare totals in a tally chart • I can record data in a tally chart • I can represent a tally count as a total
To recognise that objects can be represented as pictures	• I can enter data onto a computer • I can use a computer to view data in a different format • I can use pictograms to answer simple questions about objects
To create a pictogram	• I can explain what the pictogram shows • I can organise data in a tally chart • I can use a tally chart to create a pictogram
To select objects by attribute and make comparisons	• I can answer 'more than'/'less than' and 'most/least' questions about an attribute • I can create a pictogram to arrange objects by an attribute • I can tally objects using a common attribute
To recognise that people can be described by attributes	• I can choose a suitable attribute to compare people • I can collect the data I need • I can create a pictogram and draw conclusions from it
To explain that we can present information using a computer	• I can give simple examples of why information should not be shared • I can share what I have found out using a computer • I can use a computer program to present information in different ways

Statutory requirements

- use technology purposefully to create, organise, store, manipulate and retrieve digital content

- 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.
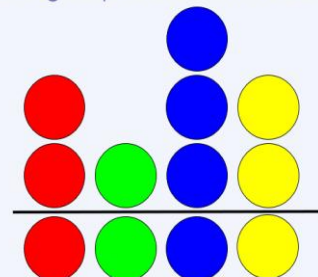
Key vocabulary

Spelling	Definition
Pictogram	A chart that uses **pictures** or symbols to **represent data**
Attribute	An **Attribute** can be used to **group data**. E.g. a colour is an attribute
Tally Chart	A Tally Chart is used to **group data**. The data is shown in groups of 5 lines.
Block Diagrams	A block diagram is **similar to a pictogram** but blocks are used instead.
Common Attribute	This is similar to an attribute. It tells us which attribute appears the most with the set of **data.**

Possible experiences

- Create your own pictograms using; JIT5 (j2e.com)
- Have a look at different kinds of pictograms and answer some questions related to them using this fun online game ; Pictograms - 6-8 year olds – Topmarks
- Research different jobs that may use data and information – look at why they use pictograms or data in their career.

Pictograms

Our group's favourite colours

A pictogram is a chart that uses pictures to display data. We can make them using pens and paper, or we can use a computer.