Year 2
Introduction to Data Handling
Information Technology

Respect, Believe, Achieve

What do I already know?

1. Change the colour and pattern of elements.
2. Position and rotate objects on a design.
3. Position objects in relation to each other.
4. Use custom colours to make digital art your own.
5. Resize, rotate, flip and arrange objects behind/in front of each other.

Key Words

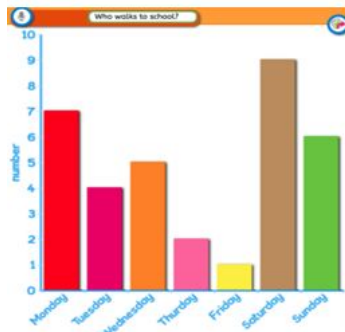| day	number
Monday	7
Tuesday	4
Wednesday	5
Thurday	2
Friday	1
Saturday	9
Sunday	6

Table
We collect the data (information) and add it to a table, which is set out in rows (across) and columns (down). We can add the numbers for the amounts or a tally (small lines for each number).

Bar Chart
Once we have created the table we can use the software to turn the table into a chart to present the data better and make it easier to understand. This is a bar chart with a bar for each piece of data. A bar chart also needs a title to explain what the chart is showing and labelled axis (up and across lines) to show how much something is worth and what it is. For example, this bar shows that 7 children walk to school on a Monday.

Pie chart
This is a pie chart because each piece of data is like the pieces of a pie. It is good for quickly showing how much of something there is without knowing the exact number, such as the favourite colour of children in a class. It also needs a title.

Pictogram
This is a pictogram, it it shows data in small pictures in a similar way to a bar chart. It also needs a title.

Year 2
Introduce Data Handling

1. Data and tally charts
Understand what data is and collect it as a tally.

4. Charts
Use software to create a bar chart/pie chart/line chart suitable for the data.

2. Pictograms
Use software to label a pictogram and add data to each column.
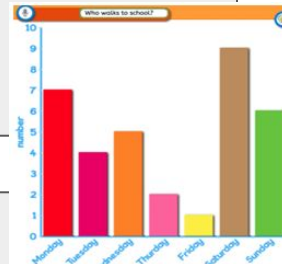
5. Interpret
Interpret a pictogram/bar chart/line chart.

3. Tables
Edit a table with correct titles and numbers.

day	number
Monday	7
Tuesday	4
Wednesday	5
Thurday	2
Friday	1
Saturday	9
Sunday	6

6. Apply
The data used for the charts can be linked to topics and lessons such as Science results, homes, geography and PE scores.