

# Computing — Year 1 (Summer)

## Data and Digital Art

### Key vocabulary to remember and use in your learning

|                |   |
|----------------|---|
| information    | Information is things that you know.  |
| data           | Data is information that is in numbers, like how old you are or the number of pupils in class.                  |
| chart          | A chart, or graph, is a picture that shows information and makes it easy to understand.                         |
| pictogram      | A chart that uses pictures to show data.  |
| photograph     | A picture that is taken with a camera.  |
| digital camera | A digital camera takes a photograph and then it can be put on a computer or phone and sent to different people. |
| focus          | Whether a photograph is easy to see or not.   |
| close-up       | A photograph that shows something up close.   |

### Key knowledge to know and use

- Data can be presented in different charts.
- A pictogram is a way of showing data—they have axes, a scale, pictures to represent numbers and a key.
- Data can be classified, which means sorting items into similar groups and naming them.
- Venn diagrams can also be used to present information.
- You can use a camera to create images (pictures).
- Personal information is information that is about you.
- Because anyone can put information online, it is important to understand that not everything you see will be true and sometimes you have to spot what is false.

### Online Safety—Content Creators

Because anyone can put information online, it is important to understand that not everything you see will be true and sometimes you have to spot what is false.



### Egg sorting Machine

This is an egg sorting machine. It sorts the eggs into different sizes by how heavy they are. The eggs are then put in boxes ready to be sold in shops.