Year 1- Kingfishers	Computing – Data Handling	Spring 1

What I should already know : Use small motor skills so that they can use a range of tools competently, safely and confidently.

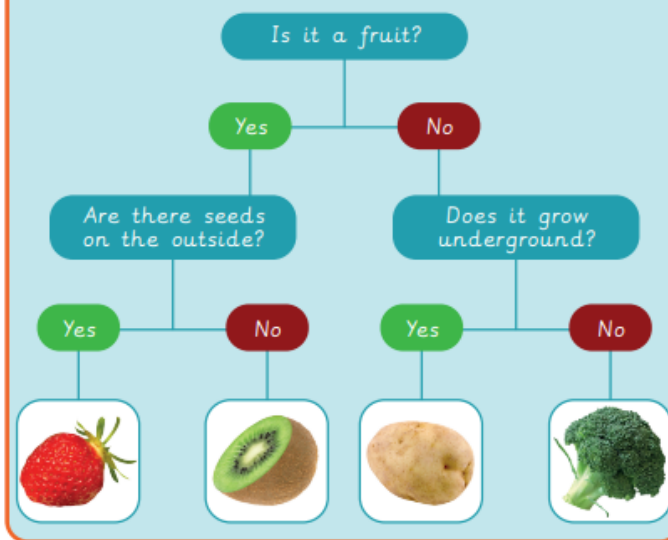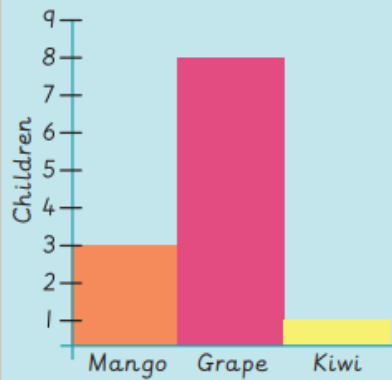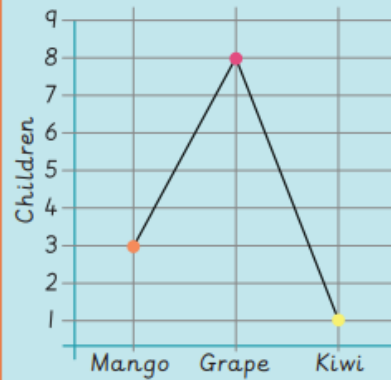| Enquiry Questions	Key Vocabulary	Key Skills (National Curriculum)
 ● Can we represent data in different ways? ● Can we use technology to represent data in different ways? ● Can we collect and record data? ● Can we sort data? ● Can we design an invention to gather data?	**Branching database** - Using a series of yes or no questions to categorise data or objects. **Categorise** - Put into groups that have similar or the same properties. **Chart** - Information displayed in a graph, table, tally or diagram. **Computer** - Electronic machine that accepts and processes information to produce an output, and then stores the results. **Data** - Information used for a specific purpose or investigation. **Information** - Facts about a specific thing, person, place or other. **Label** - Information attached to something to tell you about it. **Pictogram** -A chart which uses pictures to represent items. **Record** - To store information about something. **Sort** - To arrange items by an order or into a category. **Table** - A chart which stores data in columns and rows. **Text** - A chart which stores data in columns and rows.	**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'

Branching database
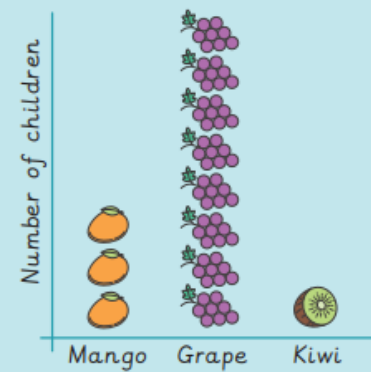
Is it a fruit?

- Yes
  - Are there seeds on the outside?
    - Yes
    - No
- No
  - Does it grow underground?
    - Yes
    - No

Tally chart

Fruit	Tally
Mango	III
Grape	IIII III
Kiwi	I

Bar graph

Children: Mango 3, Grape 8, Kiwi 1

Line graph

Children: Mango 3, Grape 8, Kiwi 1

Pictogram

Number of children: Mango, Grape, Kiwi

Links to other areas of the curriculum : Maths - Counting **Literacy** - Spoken Language - Speaking and Listening.