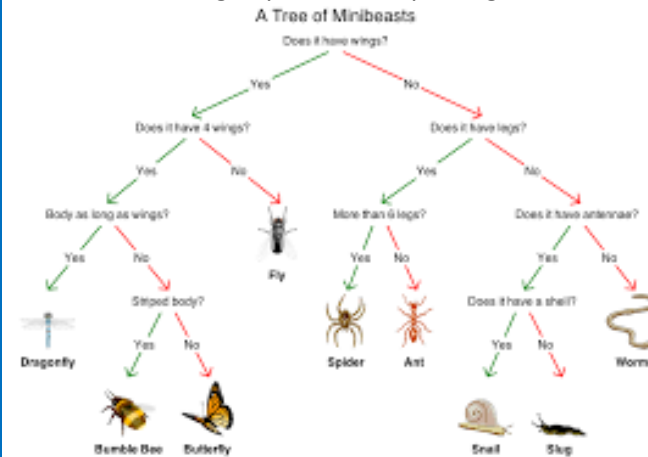# Lacock Primary School – Year 3/4 Beech Class. Branching databases (Computing)
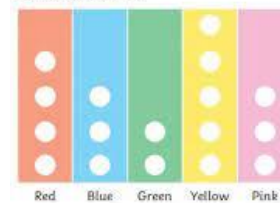
Important Vocabulary

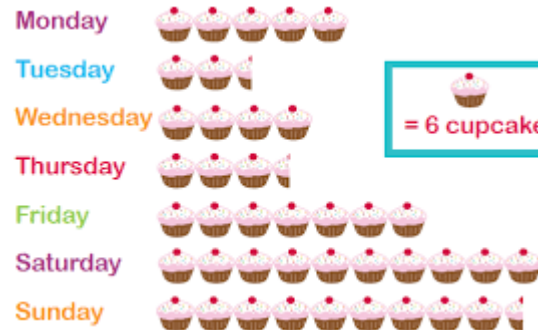|	
Attribute	A characteristic or quality. A sour taste is an attribute of a lemon.
Branching database	A way of classifying (grouping) objects based on similar or different attributes.
database	A collection of data (information) that is stored on a computer.
structure	The way a thing is made up of a number of parts joined together.
selecting	To choose or to pick.
pictogram	A representation of data through the use of pictures
compare	To describe the similarities and differences between things.
Decision tree	Used for making decisions in computer programming.

Include here images/pictures/maps/diagrams

A Tree of Minibeasts

Favourite Colour

Key Skills

- To create questions with yes/no answers.
- To identify the object attributes needed to collect relevant data.
- To create a branching database
- To explain why it is helpful for a database to be well structured.
- To identify objects using a branching database
- To compare the information shown in a pictogram

Curriculum links

- Maths – collecting and presenting data
- Science – asking questions, presenting data, characterists

Include here images/pictures/maps/ diagrams

Key Knowledge/Facts

- In a pictogram, the picture can represent more than 1 person or object. You could use a circle representing 10 children when asking them their favourite colour. If only 5 children liked blue, you would draw half a circle.
- We are going to be using j2 data to create our branching trees and pictograms.
- It is called a Branching database as the lines look like the branches from a tree!

What I should already know:

Grouping information (Year 1)

Pictograms (Year 2)

This learning will help me in the future when I learn:

Data logging (year 4)

Flat-file databases (year 5)

Spreadsheets (Year 6)