Chloe Computing Journey

When I grow up I could be a ...
Programmer
Games designer
App designer
Website creator
Internet security specialist
The list is endless!

Join Chloe the computing expert in her understanding of digital technology and how it can help us. Investigating how information technology improves our world and the World Wide Web.



Reaching New Horizons

Data and information

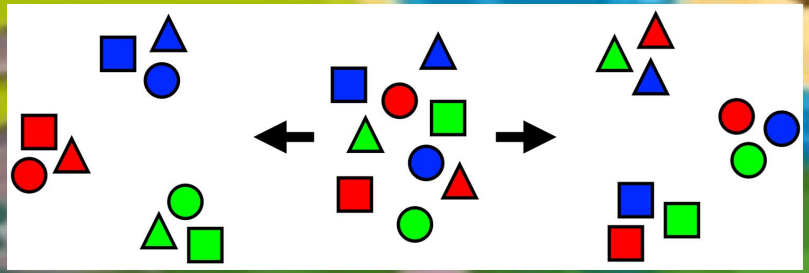
Key Stage One

Year 1



Grouping Data

Label and match
Put objects into groups
Group and count
Describe an object
Colour or size?
Making different groups
Comparing groups
Answering questions





Pictograms

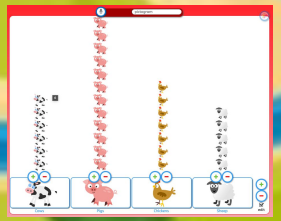
Counting and comparing
Enter the data
Creating pictograms
What is an attribute?
Comparing people
Presenting information

Year 2

Organise

Tally Chart



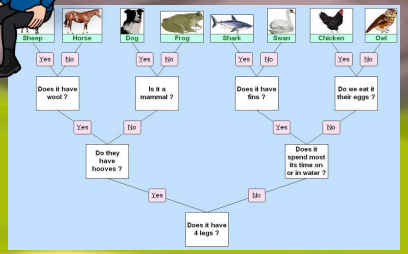


Create

Year 3

Branching Databases





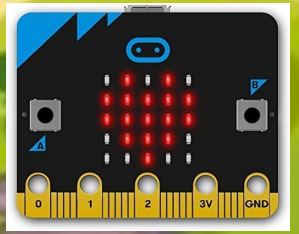
Data Logging

Answering questions
Data collection
Logging
Analysing data
Data for answers
Interpret data

What is a branching database and how to create one?

Year 4

Microbit



Yes or no questions
Making groups
Create
Structure
Using
Presenting information



Data points

Digital device to collect data



Flat-file Databases

Google Sheets

Year 5

Autocode GSheets Example Database

File Edit View Insert Format Data Tools Add-ons Help Last edit wa

	A	B	C	D	E
1	Name	Job	Fictional	Born On	Updated At
2	Bilbo Baggins	Burglar	TRUE	9/21/1937	
3	Bill Nye	Scientist	FALSE	11/27/1955	
4	billie eilish	Artist	FALSE	12/18/2001	
5	Vin Venture	Mistborn	TRUE	7/17/2006	
6					
7					
8					
9					
10					
11					
12					

- Creating a paper-based database
- Computer database
- Compare
- Using a database
- Using search tools
- Comparing data visually

Order and answer questions about data



Databases in real life

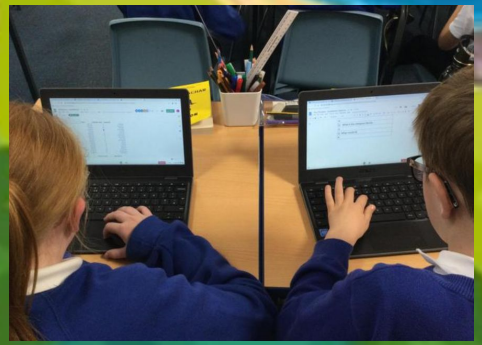


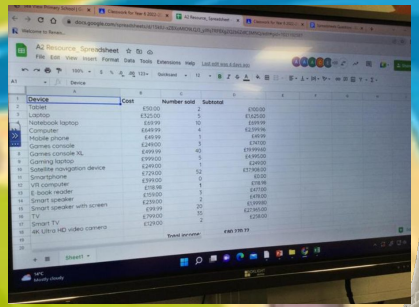
Year 6

Introduction to spreadsheets

What is a spreadsheet?
Modifying spreadsheets
What's the formula?
Calculate and duplicate
Event planning
Presenting data

Google Sheets



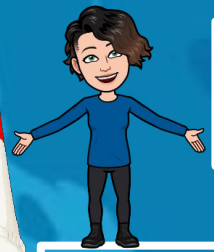


Data headings



Apply number format to cells

Use a spreadsheet to answer questions



Identify that changing inputs changes outputs

Produce a graph to answer questions