

### What I should know already...

In Key stage 1 the children will have learnt to create and investigate pictograms. They will have also creating and investigated simple databases, asking questions and using them to answer questions.

#### Key Skills

To use a range of databases to analyse information.	Over learning from Year 2 using more advanced databases and search facilities in order to answer questions.
To sort, analyse and present data.	Paper/practical exercises of sorting using yes and no questions. Can the children sort objects into groups and then sort more to make a branch. Does their branching database work?
To use branching databases to collect and sort information.	Teach the children to use J2E branching database and 2 question on purple mash. Use the programs to create a variety of databases.
To analyse and evaluate data and information.	Using pre-prepared branching databases and the children's own examples, test each one and evaluate where improvements could be made.
To select and use a database format	Children select and use the database they want to present their own information, testing, evaluating and fixing as they go.

#### Hardware and software

2 investigate– alien advanced, countries advanced, fish, fruit house advanced, holidays advanced,

2 question



**Hurst Hill Primary School**  
Learning Together

#### Key Vocabulary

Copy	Take from one place.
Paste	To insert the copied item.
Format	To change the style of the presentation.
Data	Information that can be sorted
Database	An application to store data fields.
Data field	A specific piece of data e.g Hair colour
Branching database	A database that sorts information using Yes or No.
Sort	Put information into different categories
Analyse	To look and find out what the information is telling us
Evaluate	To say how good or bad something is and suggest improvements.

#### National Curriculum

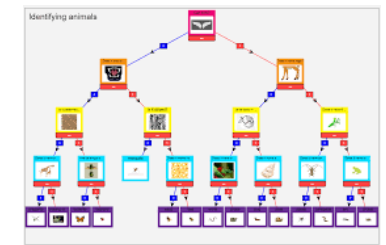
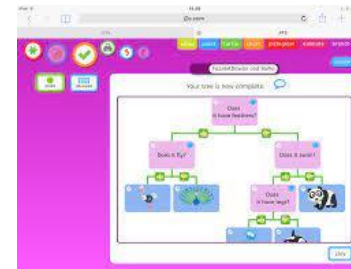
The children will:

Select, use and combine a variety of software (including internet services) on a range of digital content to accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.

#### Real World

To select and use a branching database of their choice. Create a database for sorting items in science or from the wider curriculum.



#### Useful websites

<https://www.thinkuknow.co.uk/> If you want to know more about staying safe online

[www.hursthillprimaryschool.com/unify](http://www.hursthillprimaryschool.com/unify) Hurst Hill unify site to access emails and applications-**J2E**

[www.hursthillprimaryschool.com](http://www.hursthillprimaryschool.com) The school website

<https://www.purplemash.com/login/> Purple mash login– look up the schools log in page using the post code WV14 9AJ

#### Online safety

I can use key phrases in search engines.

I can explain what autocomplete is and how to choose the best suggestion.

I can explain how the internet can be used to sell and buy things.

I can explain the difference between a 'belief', an 'opinion' and a 'fact'.

I can give reasons why I should only share information with people I choose to and can trust. I can explain that if I am not sure or I feel pressured, I should ask a trusted adult.