

Computing

Subject: Computing
 Year group: 3/4
 Cycle: B Spring
 Focus:
 Data and Information
 Branching Database

Intent

At Hady Primary School, the children have access to an engaging and inspiring computing curriculum that equips pupils with the essential skill of computational thinking. Children are provided with the opportunity to develop their creativity through the use of a wide range of programs and applications that make deep links with mathematics, science and design and technology. At Hady, children immerse themselves into the world of computer science through first hand use of chrome books, iPads and interactive whiteboards.

Specific Knowledge

Key Vocabulary

Word	Definition
Attribute	A word or a phrase that can be used to describe an object such as its colour, size, or price
Binary	Data that is sent to a program to be processed
Data	A letter, word, number etc. that has been collected for a purpose,
Database	an organised collection of structured information, or data, typically stored
Property	A word or a phrase that can be used to describe an object such as its colour, size,
Value	A value is a specific piece of data, such as a word or a number

Enabling Knowledge

To create questions with yes/no answers

To identify the attributes needed to collect data about an object

To create a branching database

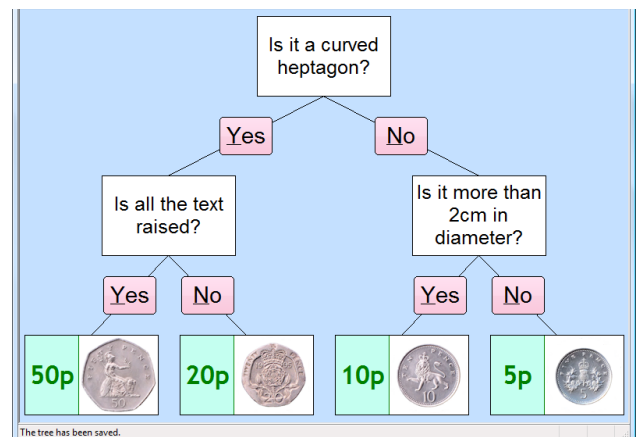
To explain why it is helpful for a database to be well structured

To plan the structure of a branching database

To independently create an identification tool

How do previous questions/topics link to the current topic?

Children will need to be familiar with the term 'attributes'. An attribute includes its name and a value. For example, a ball will have a colour, which might be red. 'Colour' is the attribute name, and 'red' is the attribute value. Learners may be familiar with the term 'property' introduced in Year 1



Online Safety

Managing Online Information

Strategies for effective searching, critical evaluation and ethical publishing

Assessment— Formative assessment opportunities are provided in each of the lesson plan documents. For summative assessment, please see the document of multiple choice questions for this unit.