St James' Church of England Primary School
Computing Overview Sheet

Year 3 – 3.6 Branching Databases

Prior and Future Learning Links:
Year 4 – **Spreadsheets -** Inputting and examining data & Presenting data through line graphs
Year 2 – **Spreadsheets -** Use of 2Calculate to collect data and produce a graph **Questioning -** Use of questioning to separate and group data
Year 1 – **Grouping and Sorting -** Sorting data according to criteria **Pictograms** - Collecting and presenting data in a picture format

Learning Objectives:
· To sort objects using just YES/NO questions
- To complete a branching database using 2Question.
- To create a branching database of the children's choice.

Overview:
Lesson 1: Introducing Databases
Lesson 2: Branching Databases
Lesson 3: Creating a branching database on the computer
Lesson 4: Creating a branching database on the computer

Cross Curricular Links

Resources
• iPada • Purple Mash Login Details

Impact/Assessment

Most Children will: Most children will be able to create a branching database which includes suitable text, titles and gathering of appropriate images from online and importing them (Unit 3.6. Lessons 3 &4). Children can make their own branching databases, collating and organising data by sets of questions they have considered appropriate (Unit 3.6 Lesson 1. Children analyse each other's branching databases and can make further suggestions for improvement (Unit 3.6 Lessons 3 & 4).

Less Able Children will: With support and using concrete paper resources, children will begin to understand what a branching database is (Unit 3.6 Lesson 1). In a small, supported group, they will collect, sort, and present their information using the paper resources. Children will then turn their paper branching database into a digital version using 2Question (Unit 3.6 Lesson 2, 3 and 4). The resulting branching database will demonstrate a limited number of branches.

More Able Children will: Children demonstrating greater depth understand the specific characteristics of a branching database and its application in real world situations. Furthermore, they understand the needs of the end user and can adapt their program to reflect this using supporting information (Notes can be added to each layer of the branching database).