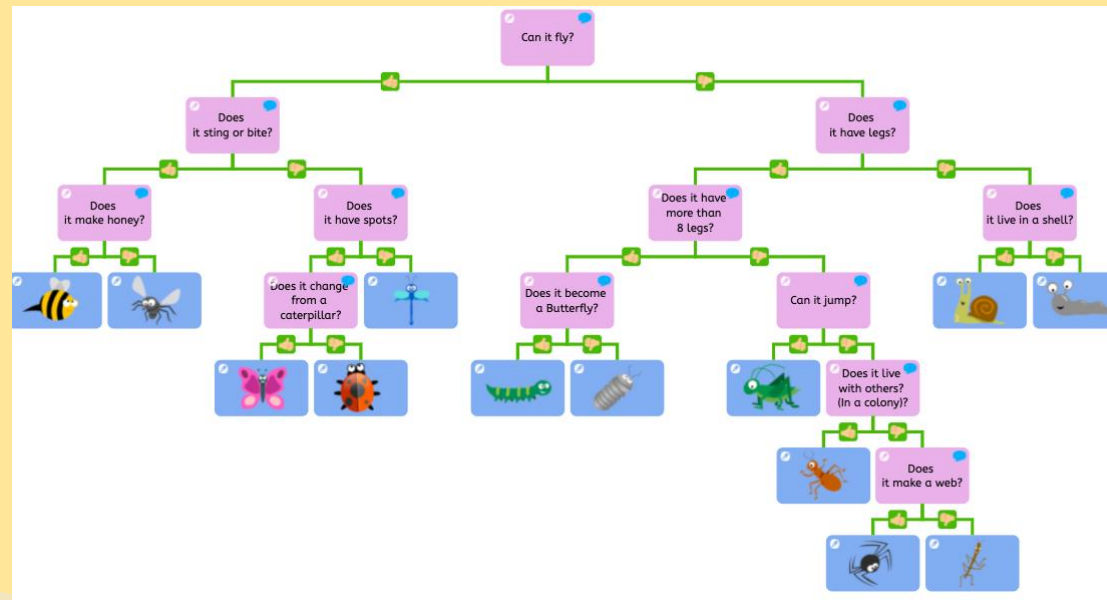


Computing

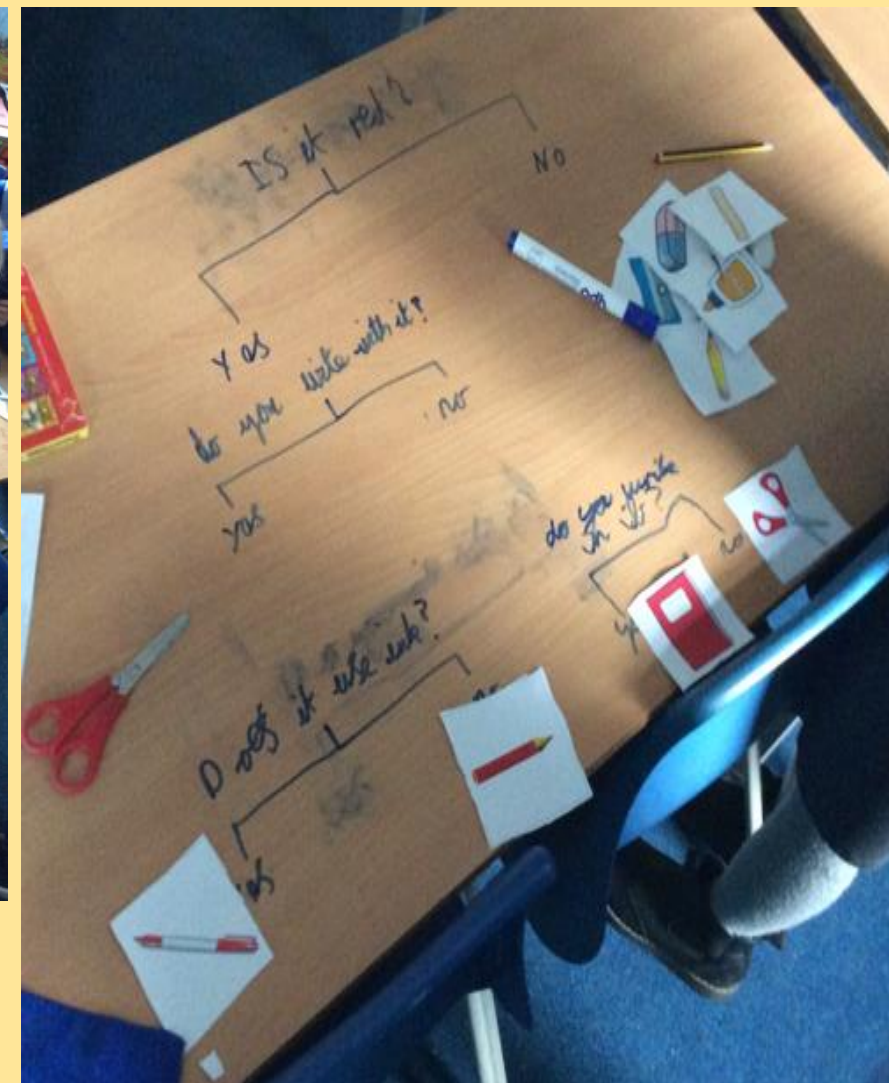
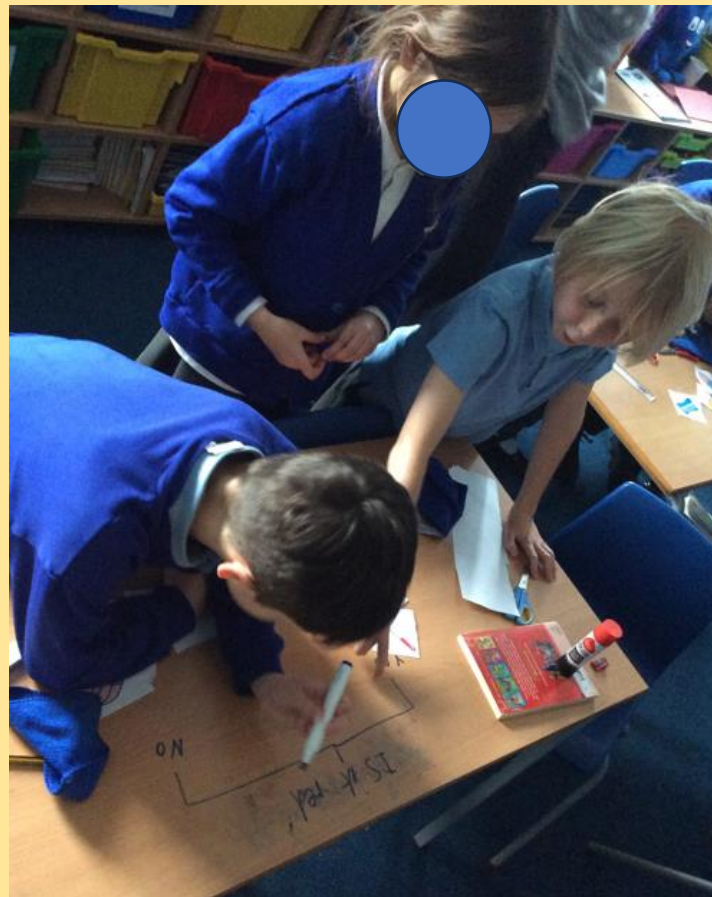
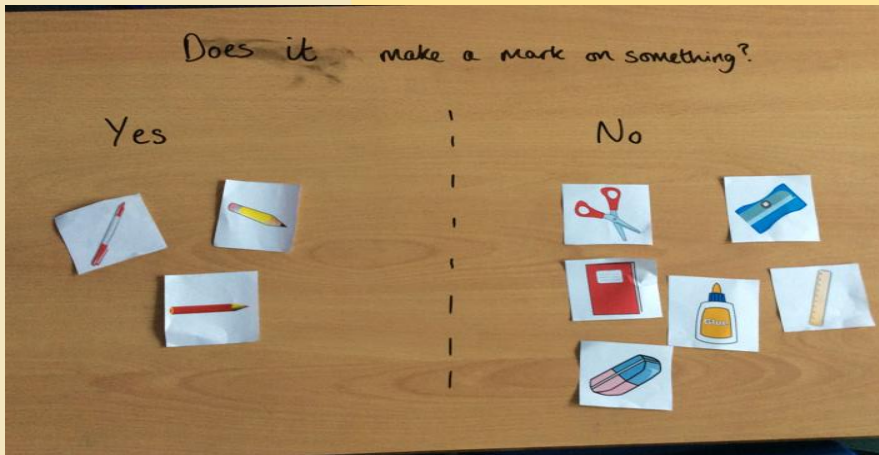
What is a branching data base?



Class Tamar

Spring 2 2024

We explored questions with yes or no answers, and how these can be used to identify and compare objects. We created our own yes or no questions before using these to split a collection of objects into groups. We learnt how to arrange objects in a tree structure like a branching database.

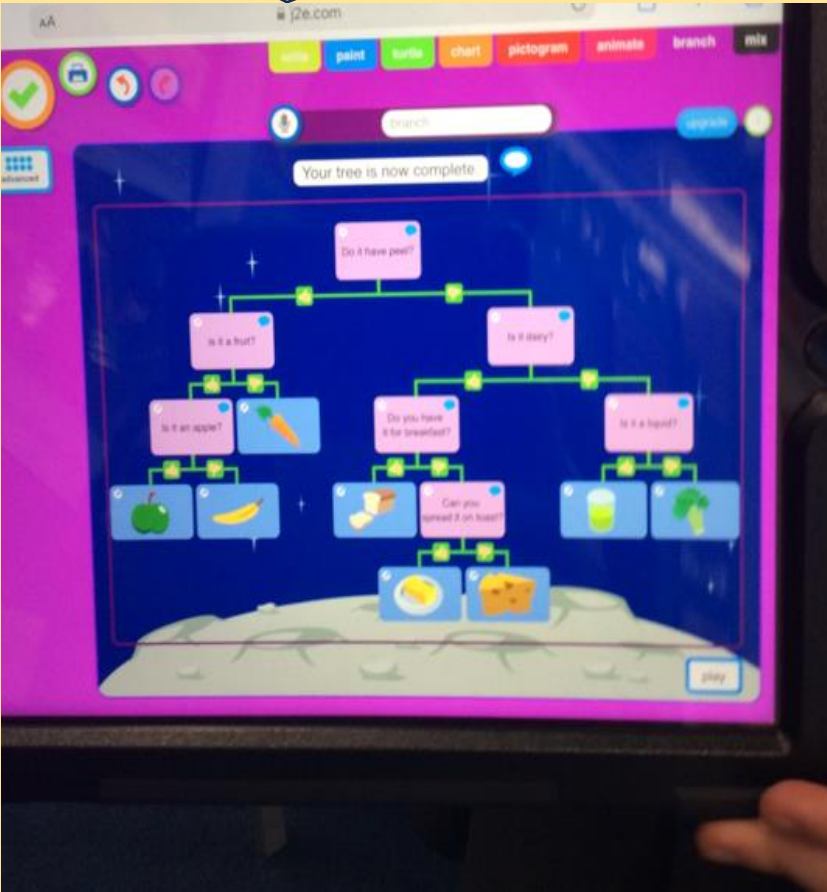
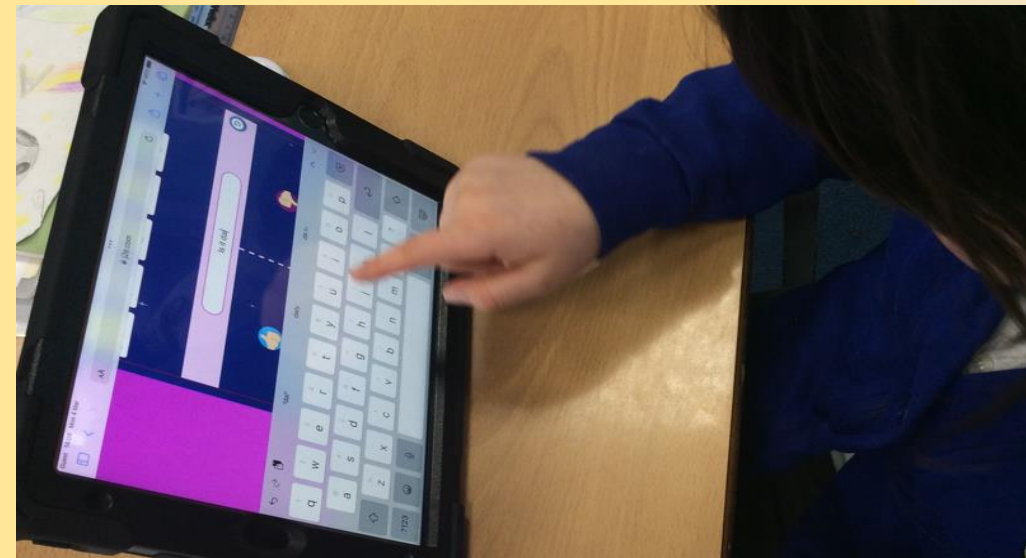
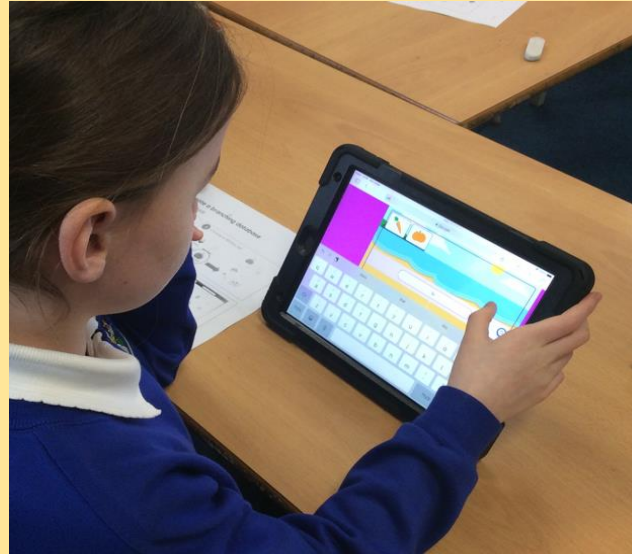


The yes or no questions could begin with, 'is it...?', 'does it...?' 'has it...?'

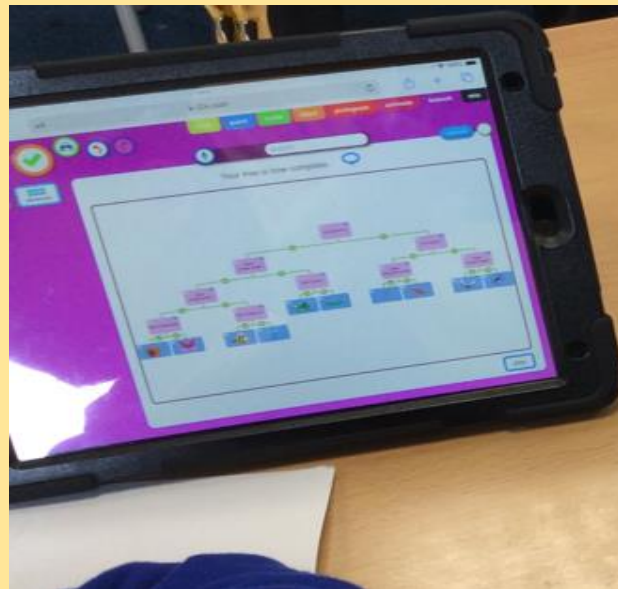
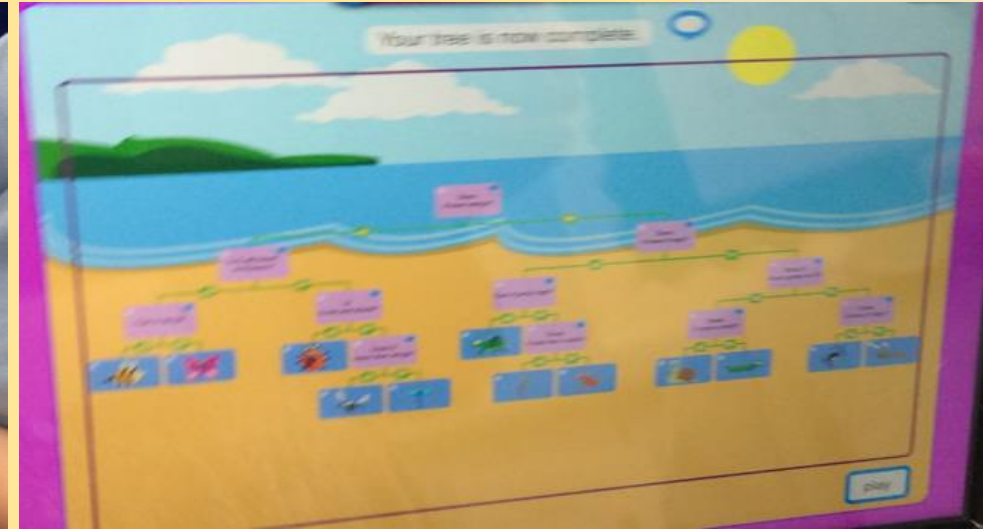
This is called a closed question

We carried on learning about ordering objects in a branching database structure. We learnt how to use an online database tool to arrange objects into a branching database. We created our own questions with yes or no answers based on food and drink items. We tested our branching databases to check that they worked.

It was tricky to choose what order to put the questions in to make sure the food and drinks were split equally.

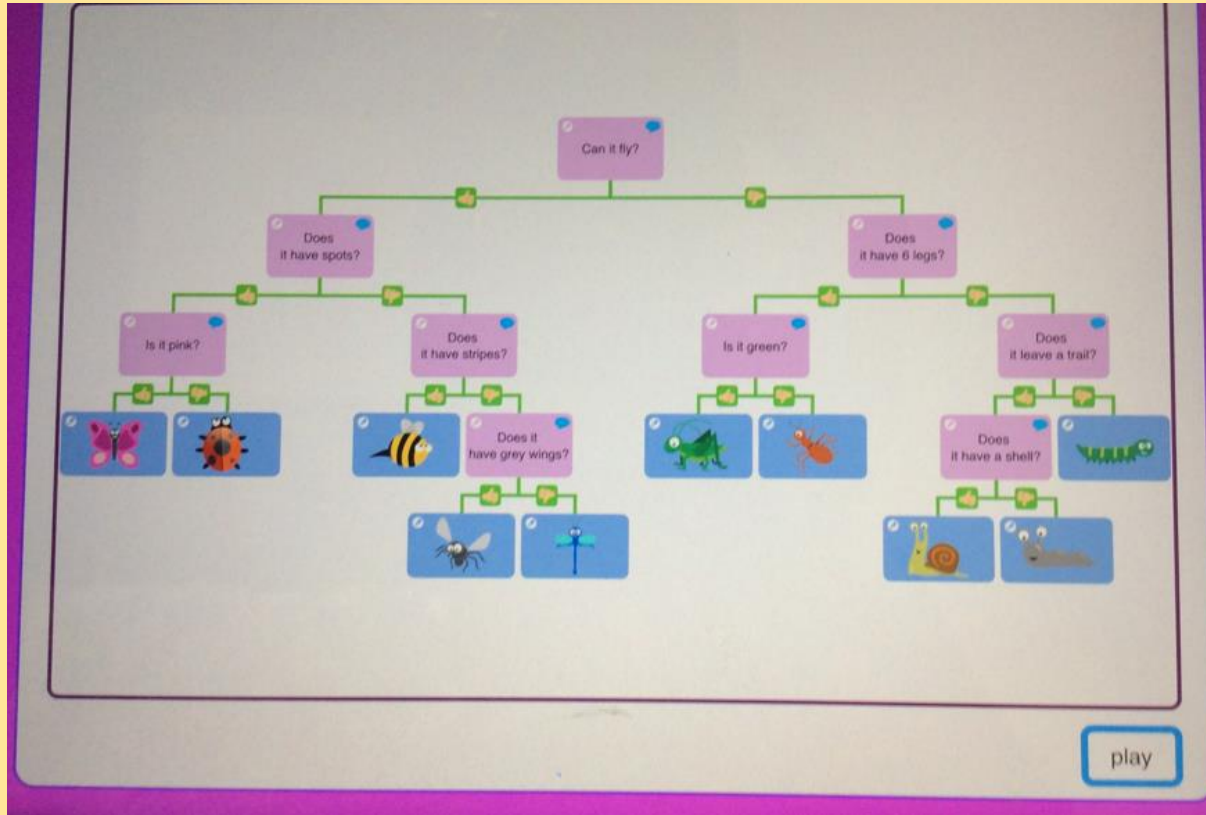


We made our own mini beast branching database thinking carefully about the different attributes and questions we could use. We tested each others branching databases in order to identify any mistakes. This helped us to debug any problems we had.



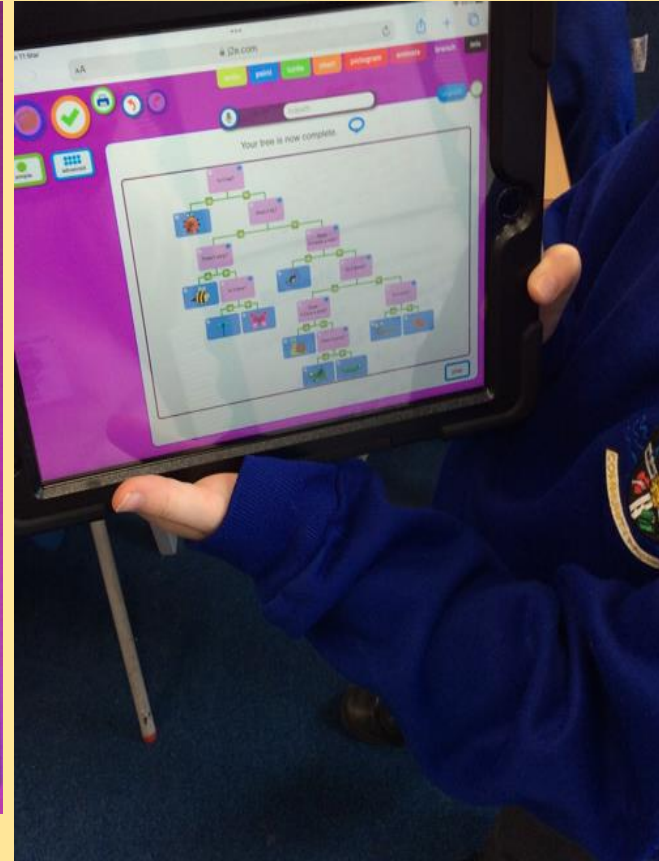
You have to make sure that you put the objects in the correct place, or else the whole thing is out of order!

We made sure that our branching database was worked well by testing it on others. We spent some time improving some of our questions and adding in some more minibeasts to the database. We finished off by evaluating our final branching databases and considered ways that these could have been improved.



I really enjoyed making the branching database. I found it tricky to think of questions that would divide the mini beasts equally.

Next time, I would make sure that I think of more interesting questions to ask about the minibeasts.



Computing Class Tamar Spring Term 2 What is a branching data base?

Personal Development
Children know that data can be sorted and categorised using computers. They are aware that networks are part of everyday life. Exposed to possible jobs in IT and statistics.

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Our Endpoint

I can produce a branching data base.



Our Endpoint

I can produce a branching data base.

What I have learnt before:
In science branching data
bases. Computing; Scratch.

Exciting Books

Subject Specific Vocabulary

Closed and open questions

a question that only has a yes or no answer.

Subgroups

parts of the main group.

Separate

when something is split into parts

Branching data base

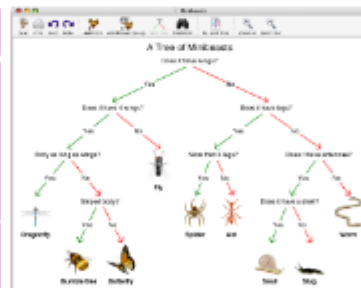
a diagram that is made up of yes or no answers.

Forever Facts:
Know that a branching database needs closed questions with yes/no answers.
Know the real world applications of branching database.
Know that a branching database is an identification tool.

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Skills:	
□	Use closed questions in a branching database.
□	Choose questions that will divide objects into evenly sized subgroups.
□	Identify an object using a branching database.
□	Retrieve information using a branching database.

- | Skills: | |
|---------|--|
| □ | Use closed questions in a branching database. |
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