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READ FIRST

YEAR 5: FLAT-FILE DATABASES

CURRICULUM MILESTONES

I can choose multiple criteria to search data to answer a given question (AND and OR)

I can choose which attribute to sort data by to answer a given question

I can choose an appropriate graph to visually compare data

WHY THIS? WHY NOW? CURRICULUM SEQUENCING AND ASSESSMENT

This unit should be taught after the Year 3 unit on Branching Databases and the Year 4 unit on Data Logging. The unit relates to Maths and Science learning around using data – previous learning across these subjects is therefore also relevant.

The unit prepares children for learning that follows in Year 6 on Spreadsheets but also prepares children for Variables in Year 6 as well.

The unit has an adapted online summative assessment that can be delivered freely through online platform Quizizz.
1st, click here to make sure you are logged in. **QUIZIZZ**

2nd, click this link to access the quiz; choosing "Assign the quiz as homework" so that children can access on demand.

These sessions hold relevance to statistics element of Maths at year 5 – complete, read and interpret information in tables

Do use systems to send children to the exact links for the Just 2 Easy Database tasks, such as Google Classroom. You *might* also want to deliver children the worksheets electronically.

You might achieve this with a learning platform like Seesaw / automatic website opening / Apple Classroom if using iPads. Your IT support may be able to steer you towards use of such facilities.

EASY ACCESS TIPS: LESSONS 1 & 2

Lesson 1 is not the most exciting activity but worth demonstrating - perhaps as a group task – how paper-based recording can work.
Lesson 2 tasks are worth going through as a class rather than as individuals – the Records and Fields task is – again – better done quickly as a group discussion. The bumble-bee task is here:
https://www.j2e.com/data/examples/minibeasts

The Countries task is here: https://bit.ly/3Fa7utI

It may make sense to combine lessons 1 and 2 together to increase the pace and make better use of time.

EASY ACCESS TIPS: LESSON 3

Point children to this web link for completing the questions on countries activity: https://www.j2e.com/data/examples/countries

EASY ACCESS TIPS: LESSON 4 & 5

Titanic resource for children to use with the two worksheets from these lessons: https://www.j2e.com/data/examples/Titanic+Passenger+List

EASY ACCESS TIPS: LESSON 6

This task will work with sites like Skyscanner as well.
https://www.skyscanner.net/