Digital Learning Cornwall

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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.

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/