



Experiment to measure the water flow in the lode and river

NAME.....

Equipment needed: Pooh stick, stopwatch, clipboard, pencil

In groups of three walk down the side of Wicken Lode, at the point marked “P” leave two people (one with a watch and the other with a piece of reed). The third person should count 10 paces along the bank and then stop. Throw the piece of reed into the water and time how long it takes to travel the 10 paces.

It took the reedminutes and.....seconds to travel 10 paces.

Now walk to the bridge over the New River and try the same experiment.

It took the reed minutes and.....seconds to travel 10 paces.

Does the water flow faster in the lode or the river?

The water flows faster in the.....

Are there any differences between the sides of the lode and the sides of the river?
(Clue: look at the plants)

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Do you think that birds would prefer to have reeds on both sides of the lode?

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What would they use the reeds for?

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Questions for when you go back to school

Was it a fair experiment? If not, why? (think carefully)