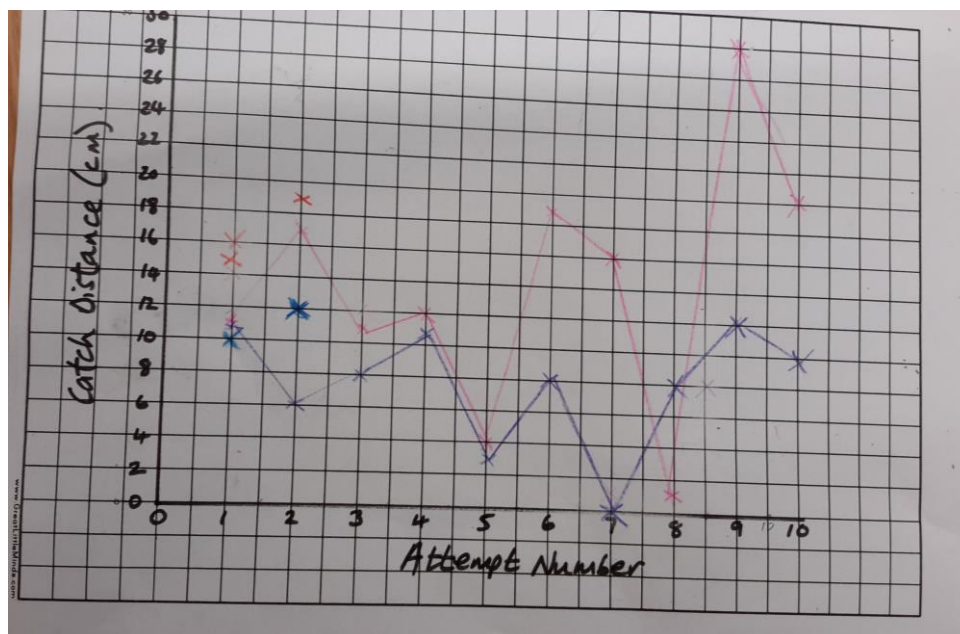


| | | |
|---|----------------------------|--|
| Topic: Animals including humans | Year 6 Age 10-11 | Title: Reaction catches graphs |
| Working Scientifically Focus Do: recording data and results of increasing complexity | | Conceptual Knowledge Context recognise the impact of exercise on the way their bodies function |

Example

Children were asked to test their reactions in pairs with a 30cm ruler. Child A holds the ruler ready to drop, Child B positions hand at bottom of ruler ready to catch. Child A drops without warning. Child B records their 'catch distance' on a graph.

The children could choose what to investigate. For example, whether their reactions get better with practice (as below), how length of arms affects reaction times, difference between left/right hands etc. Results can be plotted directly onto a graph.



Children meeting the objective would be able to plot their results accurately on a graph. They could also be asked to explain what their graph shows in answer to their question.

Example from Victoria Park Primary School, Bristol