

Exploring Mathematics and Motion through the TI-92 and CBR.

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Abstract

Hand held technology offers many opportunities for challenging students conceptual understanding in Science and in Mathematics. The CBR is a fun way to collect real data and then to analyse the data and the resulting graphs with the TI-92.

This workshop is for those delegates who have little experience of using the CBR.

The aims of the workshop are twofold:

- to investigate the properties of graphs using data on motion collected with the CBR;
- to demonstrate the TI-92 as powerful tool for testing student understanding of graphs and their properties.

Participants will engage in a hands on session of using the CBR to gather data on motion and to analyse their results.