

Using Active Expression With Year 9 Students,

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Abstract:

The study was carried out at Manchester Academy (a ULT School), using the Promethean Software Activeexpression Edition. The first aim was to establish if using Active Expression could improve the attainment of a small group of year 9 students (n=16) on ISA type investigations. The second aim was, to investigate if the use of the Active Expression learner response system (LRS) could increase student engagement. The study found that there was a significant difference in attainment, between students completing ISA-type investigations, when using the learner response system (LRS) compared to without them, over two ISA investigations. The effect size of the use of Activeexpression was 0.78 when the total ISA scores were compared. Effect sizes were 0.75 using Activeexpression on a Rate of Reaction ISA and 0.53 on a Viscosity ISA. It was found that student's perceptions were positive about the use of this LRS.

Contents:

Page