



The impact of analogue watches for Year 3 pupils at Witham St Hughs Academy - A case study

Context

As an Academy, we had noticed a significant decline in pupils' ability to tell the time on an analogue clock. We hypothesised this was due to multiple factors, including an increase in pupil use of electronic devices which displayed a digital time, an increase in smart-style and fitness tracker watches which display a digital time and a decrease in the number of pupils wearing an analogue watch.

Trial

Working alongside Tickers, all pupils in Year 3 were provided with an analogue watch to wear as part of their school uniform. This allowed teachers to teach time not only in specific maths lessons, but also at multiple different points throughout the day as all pupils had immediate access to an analogue watch wherever they were.

Impact

At the beginning of the trial in Autumn term, only **42%** of Y3 pupils were working at or above the expected standard in their specific understanding of time. By the end of the Spring term, **92%** of Y3 pupils were either working at, or working above the expected standard for Year 3 in their understanding of time. This impact is a significant improvement on the previous year, with just 63% of last year's Y3 pupils meeting or exceeding the standard for Year 3 by the end of the year.

Next Steps

As a result of this work alongside Tickers, the Academy will now be implementing an analogue watch as part of the uniform policy from Year 3. Cost may be a barrier to some families, but the Academy is hopeful to continue to work alongside Tickers to ensure the Academy can fund this project.