A guide to help you recreate the project

Mock, take stock and exceed your target level

Highly Commended
'Digital Project'
National Digital Learning Awards

Background

This project was designed to improve GCSE performance in mathematics. Students had already completed 'walking-talking' mock exams, where teachers modelled feedback on exactly how to answer questions, but this was time consuming and wasn't fulfilling all pupils' needs. Digital technology was used to improve the whole process, from the individual filming of questions to live sessions to broadcast material outside of traditional teaching time.

Literacy and Numeracy Framework

Oracy across the curriculum

- Developing and presenting information
- Collaboration and discussion

Numeracy

- Developing numerical reasoning
- Using number skills
- Using measuring skills
- Using data skills

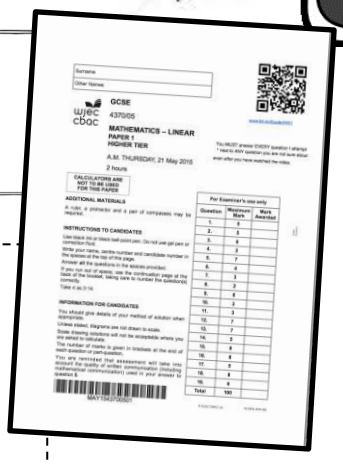
Digital Competence Framework

Interacting and collaborating

- Communication
- Collaboration
- Storing and sharing

Teacher is filmed talking through exam questions. These are uploaded onto Youtube and can be accessed anywhere and anytime by the pupils.

Content can be created to varying levels



The number of views per video allows the Maths Department to see which questions need to be recapped in class.

Videos can be shared with pupils via, QR codes. The codes were added to the fronts of papers- once the pupils completed the past paper, they were able to scan the code and watch a video of the relevant questions for that paper. This provided immediate help and feedback.

Teacher can film 'live' youtube videos during the holidays for pupils to watch at times when they are not in school.

Videos can be shared via departmental/school twitter feed.

The concept has led to an increase in results, and can easily be adapted across all subjects.

Teachers and pupils take it in turns to answer and film different questions.

Learning how to teach a concept proved to be more beneficial.

Over 162 hours of material has been created already!

The material is publically available for other schools to use too!

Resource Links

Creating QR Codes Guide

QR code readers

This resource was created in partnership with Dave Ashton, teacher at Bishop of Llandaff School.

Hwb