

GCSE IT

Year 10



Spreadsheet Skills Recap

Students will refresh their knowledge from Year 9 on computer models and financial modeling using spreadsheets. They will explore "What if?" scenarios, apply conditional formatting and validation, use macros, and create charts and graphs to present data effectively, developing their data analysis skills. The term will conclude with an introduction to the coursework specifications and requirements.



HT1

HT2

HT3

HT4

HT5

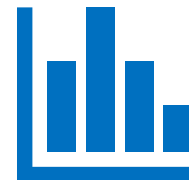
HT6

How I'll be assessed...

- Formative:** Moodboard, Mindmap and HCI Designs
- Summative:** Task 1- Planning Documentation

Creating a Spreadsheet Solution

Students will start Task 2 by using the assets and plans from Task 1 to create a working spreadsheet solution that meets the client's specifications. The focus will be on formatting and developing the HCI and user interface.



How I'll be assessed...

- Formative:** Formulae/Functions and Graph Skills
- Summative:** Task 2- Spreadsheet Model

Evaluating and Testing the Spreadsheets

Students will carry out thorough testing of their spreadsheet solutions and create a detailed testing document. They will then evaluate their spreadsheets, commenting on strengths, weaknesses, and areas for improvement, with marks awarded for the depth and thoroughness of their evaluations.



How I'll be assessed...

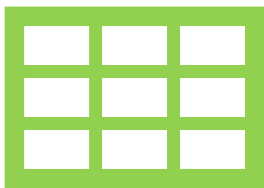
- Formative:** Explore AR Applications for Project
- Summative:** Mock PPE and Task 1- Planning an AR Project

How I'll be assessed...

- Formative:** Skills Recap- Spreadsheet Basics
- Summative:** Analysis of Client Brief and Initial Ideas

Planning a Spreadsheet Solution (Task 1)

Students will begin Task 1 by interpreting the client brief to demonstrate their understanding of the project requirements. They will analyse the provided assets, plan their solution using mindmaps and moodboards, and design the Human-Computer Interaction (HCI) and User Interface for their spreadsheet.



How I'll be assessed...

- Formative:** Formatting Data, Navigation System and Conditional Formatting
- Summative:** Development of Spreadsheet Solution

Finishing the Spreadsheet Solution

This term will concentrate on completing the spreadsheet solution, ensuring all required formulae and functions are implemented and all client requirements are met.



How I'll be assessed...

- Formative:** Testing the Spreadsheet
- Summative:** Task 3- Formal Testing Report & Evaluation

Introduction to Augmented Reality

Students will participate in online master classes hosted by OCR to learn about Augmented Reality and its applications in the industry. They will learn the fundamentals of planning an AR solution and begin Task 1 for their Year 11 coursework, including pre-production documentation and AR app design.