Northolt High School
Scheme of Learning

Committed to excellence

Year group: 11	Term: Spring 1	Unit duration: 6 weeks	Number of lessons: 12	Unit title: **Developing technological solutions 3**

Assessment outcome: Students will have produced their own complex catering to a specific scenario.	**Fertile question?** How do we choose which software to use when creating a solution for our users?	

Key skills/concepts/knowledge that students should cover	**Start RAG**	**End RAG**	**Literacy. Key vocabulary/subject terminology that students should cover**
• To make informed decisions on software to select depending on situations and user needs • To be able to take user requirements into consideration when developing a solution • To evaluate the potential system security threats to a computer system and how you would improve the system in future to prevent these. • To effectively review and evaluate throughout the stages of the project life cycle using regular iterative reviews			Spreadsheet Database Cell Unit Currency Data Solution Phase Lifecycle
Stretch. Key skills/concepts/knowledge that students should cover To be able to create a complex solution and identify which phases of the product lifecycle each adheres to To evaluate a final solution and explain what could have been done better as well as which parts of the planning stage were particularly effective.			**Suggested materials teachers could/should use** TeachICT ICT Powerpoints/Worksheets Specification **Key home learning tasks students should complete** Completion of solution in own time