Northolt High School
Scheme of Learning Overview

Year group: 11	Term: Summer Term 1 and 2	Unit duration: 6 weeks	Number of lessons: 18	Unit title: Understanding Tools, Techniques, Methods and Processes for Technological Solutions 1 and 2

Assessment outcome: To be able to create a technological solution using tools, methods and techniques	**Fertile question? Is there a difference between a tool and a technique?**

Key skills/concepts/knowledge that students should cover	**Start RAG**	**End RAG**	**Literacy. Key vocabulary/subject terminology that students should cover**
What is a project life cycle and what are the phases? Understand how to initiate and plan, execute and communicate a technological solution. What tools and techniques are required for technological solutions? How is data and information collected and stored? What are the cultural, ethical and legal issues you and your client may be faced with? How to process different types of data and present it?			**Tools** **Techniques** **Project life cycle** **Execute** **Communicate**
Stretch. Key skills/concepts/knowledge that students should cover. **Students create a technological solution incorporating all of the three phases of the project life cycle.**			**Suggested materials teachers could/should use:** **OCR exam spec, TeachICT, PowerPoints**
			Key home learning tasks students should complete: Worksheets towards completing the key knowledge of the project life cycle.