PLUME ACADEMY - LEARNING OVERVIEW

Year	10
Course	IT
Specification Number/Exam Board	OCR IT Level 1/2 Certificate – J836
End of course assessment and weightings	Y10 R060 - Spreadsheets (coursework 30%) Y11 R050 – IT in the digital world (exam 40%) R070 – Augmented Reality (coursework 30%)

Prior Learning

At KS3 students would have studied a varying amount of software applications to support their learning in Year 10. For example, students would have already experienced presentation software, spreadsheet software and desktop publishing software which are all built upon in this qualification. Furthermore, students will have knowledge of networks, computer components and have a deep understanding the social impact of using of IT.

Curriculum Intent – What are the curriculum aims?

The Cambridge National in IT J836 specification is designed to equip students with the necessary knowledge, skills and understanding to use information technology effectively in a variety of contexts. The curriculum aims to provide a solid foundation for learners to develop key competencies in digital literacy, project planning, problem solving, and communication, preparing them for the challenges of further study or the workplace.

Digital literacy is a core component of the curriculum for this specification. Learners will develop a range of digital skills and knowledge, including the ability to use hardware and software effectively, evaluate digital information, understand data protection and security, and use online communication tools safely and effectively. Through practical tasks, learners will develop their digital skills, including how to create, modify, and manage digital content.

The curriculum also aims to develop learners' project planning skills, enabling them to plan and manage projects effectively using appropriate tools and techniques. Learners will gain an understanding of project management concepts such as identifying project objectives, creating project plans, and monitoring progress against targets. They will also develop skills in time management, and prioritisation, enabling them to manage competing demands on their time effectively.

Problem solving is a key component of the curriculum, as it is an essential skill in the digital age. Learners will develop their problem-solving skills by analysing and evaluating problems, identifying possible solutions, and selecting the most appropriate solution. They will also develop their critical thinking skills, enabling them to make informed decisions based on evidence and data.

Finally, communication is an important component of the curriculum, as effective communication is essential for success in any field. Learners will develop their communication skills, including how to present information effectively using a range of media, how to collaborate with others, and how to communicate ideas clearly and concisely.

Curriculum Implementation – What will my child will be learning?

Term 1	Half Term 1	Exam - TA1 – Design Tools Coursework – introduction to spreadsheets
	Half Term 2	Exam - TA2 – Human Computer Interfaces Exam – TA3 – Data and Testing Coursework – advanced spreadsheet skills and practice coursework assessment
Term 2	Half Term 3	Exam – TA3 – Data and Testing (finish the unit off) Coursework -Starting the spreadsheet NEA (30%)
	Half Term 4	Coursework -Completing the spreadsheet NEA (30%)
Term 3	Half Term 5	Exam – TA4 – Cyber Security and Legislation Coursework – Introduction to AR
	Half Term 6	Exam – TA4 – Cyber Security and Legislation – completion of unit Coursework – Practice AR assessment

Curriculum Impact – How will progress be assessed as I learn.

Formally: all assessment results are awarded on the following scale: Level 2 – Distinction* (*2), Distinction (D2), Merit (M2), Pass (P2) Level 1 – Distinction (D1), Merit (M1), Pass (P1) and Unclassified. In half term 3 and 4, students will complete their spreadsheet NEA worth 30% of their qualification total. This is internally marked and then externally moderated.

In Class: Students will be assessed via end of lessons quizzes and feedback obtained via Q&A in lesson. Students will also undertake regular exam questions and the end of each subtopic and a sit an exam paper assessment at the end of each learning objective that helps staff measure progress. There is an opportunity to re-sit these assessments.

Super-Curricular Opportunities – Support and Extending Learning

Useful study resources	If a student is really passionate about this subject...	As a parent/carer, I can assist my child in this subject by:
https://www.ocr.org.uk/qualifications/cambridge-nationals/it-level-1-2-j836/ **Exam question Practice**	Follow and subscribe to various YouTube channels for both Computer Science and IT Watch Click on BBC iPlayer Visit the National Museum of Computing	Helping students to revise key terminology by using the textbook. Support students in accessing IT equipment where possible.