



PLUME ACADEMY - LEARNING OVERVIEW

Year	9
Subject	Computing

Prior Learning

The Year 9 curriculum builds on prior learning in Year 8 by building upon their text based programming skills in Python, introducing new programming techniques. Students will develop their presentation of information skills by selecting appropriate software. Students will be introduced to new Business terminology building on the marketing and branding delivered in Year 8. Students will develop their block based programming knowledge, by building an app using app inventor.

Curriculum Intent – What are the curriculum aims?

The Year 9 Computing curriculum aims to develop students' knowledge and understanding of the next phase of their education, so that they can make informed decisions about their options by providing taster lessons in each of the 3 subjects the faculty has to offer (Business, IT and CS). The topics selected are designed to increase proficiency in key aspects of our subject whilst teaching students using real world scenarios. The curriculum is designed to give students the opportunity to develop their skills in selecting the correct technological tools for the purpose of the task. Students are given the opportunity to develop their sophistication in programming techniques whilst consolidating techniques learned in year 8.

Curriculum Implementation – What my child will be learning?

Term 1	Half Term 1	IT taster – Project Lifecycle – Information Presentation
	Half Term 2	Computer Science taster – Programming and Theory
Term 2	Half Term 3	Business taster – Business planning and cash flow
	Half Term 4	E-safety – web design
Term 3	Half Term 5	App development – app inventor
	Half Term 6	Preparing for KS4 – Questionnaires, spreadsheets, internet searching, folder management and mind mapping.

Curriculum Impact – How will progress be assessed?

Informally, every lesson culminates in a knowledge recall quiz also receive feedback in lesson via class discussion and questioning.
Formal assessment is via a series of half termly end of topic assessment which are marked and feedback provided. Students have an opportunity to improve their assessment results.



Super-Curricular Opportunities – Extending Learning

Useful study resources:	If a student is really passionate about this subject, they could:	As a parent/carer, I can assist my child in this subject by:
<p>https://www.codecademy.com/</p> <p>https://www.bbc.co.uk/bitesize/subjects/zvc9q6f</p> <p>https://www.w3schools.com/</p>	<p>Learn a new programming language</p> <p>Read related news articles in the media.</p>	<p>Asking your child about their use of technology</p> <p>Supporting your child with revision prior to the end of half term assessments</p>