## Year 10 - Computer Science

Target for Year 10 is

(Single grade 1-9) At Penryn College we grade all tests 9-1 (9 is the best)

During this Computer Science course, you will be expected to learn:

- Basic programming techniques in Python.
- Programming efficiently and robustly.
- Hardware Parts of a computer and their function.
- Computer Networks different types of networks and their purpose.
- Core Algorithms for sorting and searching data.
- Methods of compressing and encrypting data.

			Working towards		Is at the expected standard		Is above expected standard		Test grade
UNIT 1	Python Programming Basics								
		hon – Efficient ling.							
	Pyt	hon – Robustness							
FFL:		Meeting Behaviour for learning standards.	Actively Engaged in t learning.	he co	egularly ompleting omework to a gh standard.	Completing class work to a high standard.		Is a resilient learner, "Doesn't give up easily".	
Achieved									

			Working towards		Is at the expected standard		Is above expected standard		Test grade
UNIT 2	Bina	ary Number System							
	Dat	a Representation							
	Dat	a Compression							
FFL:		Meeting Behaviour for learning standards.	Actively Engaged in the learning.	c h	legularly ompleting omework to a ligh standard.	ework to a standard.		Is a resilient learner, "Doesn't give up easily".	
Achieved								•	

			Working towards		Is at the expected standard		Is above expected standard		Test grade
UNIT 3	Con	nputer Hardware							
	Con	nputer Networks							
	Cyb	ersecurity							
FFL:		Meeting	Actively	R	egularly	Com	pleting class	Is a res	ilient
		Behaviour for	Engaged in the	С	ompleting	wor	k to a high	learner	,
		learning	learning.	h	omework to a	standard.		"Doesn't give up	
		standards.		h	igh standard.			easily".	
Achieved									