

SUBJECT

OCR J276 Computer Science

Year 11

SUMMARY CURRICULUM PLAN

Subject content (What will be covered)	As a result, what students should know /understood	What students should be able to do	How students will be assessed	CEIAG (careers education information and guidance)	By when (Half term 1 > 6)
OCR J276 (03) Programming project – controlled assessment	How to complete the programming project controlled assessment unit.	Students will complete the task which will make up the programming project	<ul style="list-style-type: none"> Formative assessment using teacher feedback. Summative assessment on programming skills. Key assessed homework. 	Scenario based on real life situations, discussions given on careers created from these situations	HT1
OCR J276 (03) & 2.5 Translators and facilities of languages	Completion of the programming project. Characteristics and purpose of different levels of programming languages.	Students will be able to answer exam style questions related to the computing topics	<ul style="list-style-type: none"> Formative assessment using teacher feedback. Summative assessment on programming skills. Key assessed homework. 	Scenario based on real life situations, discussions given on careers created from these situations	HT2
1.4 Wired and wireless networks & 1.5 Network topologies, protocols and layers	types of networks & factors that affect the performance of networks, star and mesh network topologies, the uses of IP addressing, MAC addressing, and protocols	Students will be able to answer exam style questions related to the computing topics	<ul style="list-style-type: none"> Formative assessment using teacher feedback. Summative assessment on programming skills. Key assessed homework. 	Scenario based on real life situations, discussions given on careers created from these situations	HT3
1.6 System security & 1.8 Ethical, legal, cultural and environmental concerns	Forms of attack and the threats posed to networks. Ethical, legal, cultural and environmental considerations for the uses of Computer Science.	Students will be able to answer exam style questions related to the computing topics	<ul style="list-style-type: none"> Formative assessment using teacher feedback. Summative assessment on programming skills. Key assessed homework. 	Scenario based on real life situations, discussions given on careers created from these situations	HT4
Exam preparation & theory	The subject matter related to the examined content on computing topics. The structure of the exam and the type of questions that will be asked in the exam.	Students will be able to answer exam style questions related to the computing topics	<ul style="list-style-type: none"> Formative assessment using teacher feedback. Summative assessment on programming skills. Key assessed homework. 	Scenario based on real life situations, discussions given on careers created from these situations	HT5
External Examinations	External Examinations	External Examinations			HT6

