



Computing Curriculum 2018-2019

Autumn Term	
Year group	Topics and Key Learning Points
Year 7	<p>Students will start the year investigating the following areas:</p> <ul style="list-style-type: none"> • Baseline assessments – what do I know about computing? • What is a safe work environment? • What do I need to do to stay safe online? • What does a spreadsheet model do?
Year 8	<p>Students in year 8 will start the year recapping e-safety as well as other areas of the Computing programme of study. Areas covered include:</p> <ul style="list-style-type: none"> • How can I protect my online identity and privacy? • How important is audience, design and usability? • How do I program a computer?
Year 9	<p>In year 9 students will look at key theory areas they can expect to find in their chosen KS4 course. Units they will cover include:</p> <ul style="list-style-type: none"> • R081 Theory – Pre-Production • R082 – Digital Images
Year 10	<p>In year 10 students will continue with their course options and complete their final unit of control assessment before preparing for their end of year exam.</p> <ul style="list-style-type: none"> • R087 – Multimedia Products
Year 11	<p>Students in their final year will return to R081 and recap all previous topics as well as completing a mock exam and a series of formally assessed questions to prepare them for their final exam.</p>
Spring Term	
Year group	Topics and Key Learning Points
Year 7	<p>Students will get a taste of programming and will investigate how the parts of a computer work. Areas include:</p> <ul style="list-style-type: none"> • How do the parts of a Computer Work? • What does a database do?

Year 8	In year 8 students will progress and make key decisions on what hardware and software they would require to setup a computer system looking at key areas such as functionality and cost. Areas include: <ul style="list-style-type: none"> • How can I setup a Computer? • Spreadsheet modelling
Year 9	Students will continue with the control assessment units need for their iMedia Qualification. Units they will cover include: <ul style="list-style-type: none"> • R082 – Digital Images • R087 – Multimedia products
Year 10	Students will continue with the control assessment units need for their iMedia Qualification before returning to theory work to prepare for their final year exam. Units they will cover include: <ul style="list-style-type: none"> • R085 – Website design • R081 – Pre Production (Theory)
Year 11	Students in their final year will return to R081 and recap all previous topics as well as completing a mock exam and a series of formally assessed questions to prepare them for their final exam.

Summer Term

Year group	Topics and Key Learning Points
Year 7	Students will end year 7 by looking at programming and how they can create code for different scenarios. They will look at a range of visual and text based programming applications. Areas include: <ul style="list-style-type: none"> • Why do computers only do what they are told?
Year 8	In year 8 students will look a real world databases as well as how they can create their very own app. Areas include: <ul style="list-style-type: none"> • How are database used in the real world? • How do I make an app?
Year 9	Students will continue with the control assessment units need for their iMedia Qualification. Units they will cover include: <ul style="list-style-type: none"> • R082 – Digital Images • R087 – Multimedia products
Year 10	Students in will end the year by returning to R081 and recap all previous topics as well as completing an end of year mock examination to prepare them for their final exam in year 11.

Year 11	Exam Preparation: Students will be preparing for their GCSE Exams
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