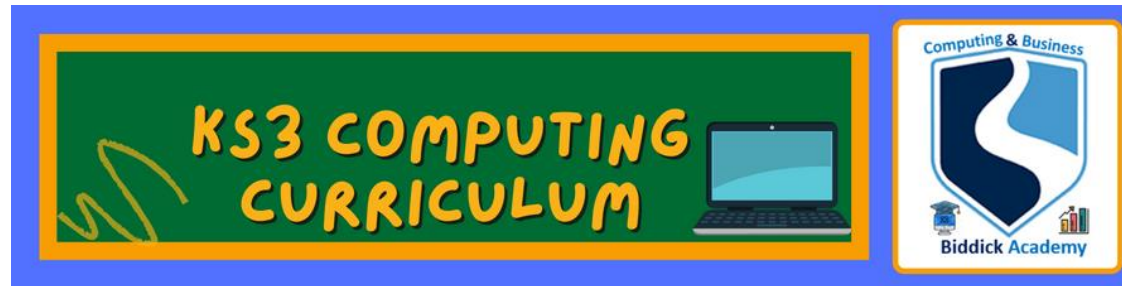


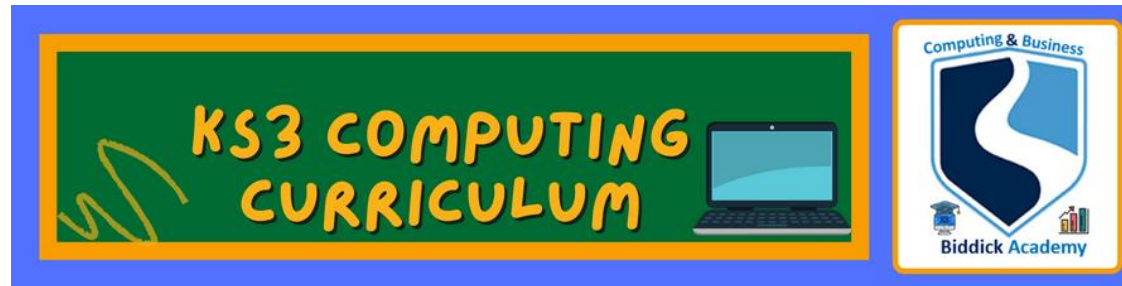
	Term 1 (September-December)	Term 2 (January-April)	Term 3 (April-July)
Year 7	<p><u>New Skills</u></p> <ul style="list-style-type: none"> • Creating folders & organising work efficiently • Accessing emails • Evaluate online situations & give appropriate advice • Create storyboards that depict suitable content • Create comics that tell a factual story and offer advice • Peer assessment of work against criteria • Create a high quality presentation with a range of media • Use of inputs & outputs in block based coding • Use of selection in blocked based coding • Use of iteration to get to repeat multiple times 	<p><u>New Skills</u></p> <ul style="list-style-type: none"> • Using formulas to perform calculations • Interpret and read client briefs to extract key info • Format media and content of presentations • Write a letter for a specific purpose including required elements • To be able to create a range of digital graphs to portray data in a usable format. • To be able to convert binary numbers up to 8 bits in length into denary numbers. • Create Boolean logic diagrams combining multiple gates to create functioning circuits. 	<p><u>New Skills</u></p> <ul style="list-style-type: none"> • Use of inputs & outputs in block based coding • Use of selection in blocked based coding • Use of iteration to get to repeat multiple times • Download coded to an external computer system to control its function • Creating storyboards for a comic • Sourcing of high quality assets which are appropriate to the brief and suitable for a comic book.
	<p><u>Recalled Skills</u></p>	<p><u>Recalled Skills</u></p> <ul style="list-style-type: none"> • Creating folders & organising work • Accessing software and school network • Peer assessment of work against criteria 	<p><u>Recalled Skills</u></p> <ul style="list-style-type: none"> • Creating folders & organising work • Accessing the internet and use it correctly • Accessing Microsoft Teams in order to complete work • Peer assessment of work against criteria • Problem solving
	<p><u>New Knowledge</u></p> <ul style="list-style-type: none"> • Describe what a school network is. • What is appropriate/inappropriate use of school emails • Define key terms linked to online safety • How to deal with or where to get advice from relating to online concerns • What elements a comic should include • Design principles including contrasting colours • How to source high quality assets • Evaluate and review own work against success criteria 	<p><u>New Knowledge</u></p> <ul style="list-style-type: none"> • Know the types of language and features different letters should include • Understand how to manipulate data in a spreadsheet to inform decision making • How to analyse graphs and visual data to make informed decisions. • What is binary and where is it used, able to convert from 8 bit binary to denary numbers. • Name of 3 main logic gates and descriptions of how they work. 	<p><u>New Knowledge</u></p> <ul style="list-style-type: none"> • Understanding what a panel is and how they are used to create flow of a story. • To understand how media has different purposes and how to use appropriate media to portray a specific message such as educating people. • What a script is, their purpose and how to correctly write one to the standard used in industry. • Advanced searching techniques when finding assets for a media product

<ul style="list-style-type: none"> • Suggest areas of development for own work • Know what a target audience is and how to alter design to appeal • Know what constitutes a high quality presentation that is suitable to the needs of the task • The difference between input & output devices • How iteration is used in coding to repeat instructions 	<ul style="list-style-type: none"> • The purpose of a computer network and how data travels between devices both wired and wireless 	
<p>Recalled Knowledge</p>	<p>Recalled Knowledge</p> <ul style="list-style-type: none"> • Appropriate use of computers & technology • Design principles including contrasting colours • How to source high quality assets • Evaluate and review own work against success criteria • Suggest areas of development for own work 	<p>Recalled Knowledge</p> <ul style="list-style-type: none"> • Appropriate use of computers & technology • Design principles including contrasting colours • How to source high quality assets • Know what a target audience is and how to alter design to appeal • How to review/evaluate a product against the requirements of a task.
<p>Assessment: Multiple choice end of topic quiz checking recall of facts. Digital written feedback on in class notebook identify success criteria met and how to improve their knowledge/understanding/</p>	<p>Assessment: Multiple choice end of topic quiz checking recall of facts. Digital written feedback on in class notebook identify success criteria met and how to improve their knowledge/understanding/</p>	<p>Assessment: Multiple choice end of topic quiz checking recall of facts. Digital written feedback on in class notebook identify success criteria met and how to improve their knowledge/understanding/</p>
<p>Tier 3 Vocabulary – Two keywords are discussed and refer to in every lesson, students are rewarded for the use of the words both verbally and in written work.</p>	<p>Tier 3 Vocabulary – Two keywords are discussed and refer to in every lesson, students are rewarded for the use of the words both verbally and in written work.</p>	<p>Tier 3 Vocabulary – Two keywords are discussed and refer to in every lesson, students are rewarded for the use of the words both verbally and in written work.</p>



	Term 1 (September-December)	Term 2 (January-April)	Term 3 (April-July)
Year 8	<p><u>New Skills</u></p> <ul style="list-style-type: none"> • Storyboarding motion advertisements • Camera angles & movement • Importing and editing assets in animation software • Creation of key frames and motion tweens • Creating physical circuits from crocodile clip wires, paper clips and other electronics equipment. 	<p><u>New Skills</u></p> <ul style="list-style-type: none"> • Dismantle a standard computer system • Suggest input, output and storage devices for a particular users needs • Calculate final output of a logic gate circuit using 3 or more boolean logic gates • Creation of audio visual media for a specified purpose • Altering of sound waves to manipulate • Creating effective storyboards for a video trailer • Analysing existing videos to highlight areas of development • Manipulate assets in video editing software • Creation of functioning apps for a specific task 	<p><u>New Skills</u></p> <ul style="list-style-type: none"> • How to reduce the amount of data shared with technology companies through managing the use of cookies. • How to stay safe online in relation to cyber threats such as fraud. • How to spot signs of social engineering attacks and what can be done to prevent them being effective. • How to create visualisation diagrams to plan for a vector graphic • How to use a range of tools in vector drawing software such pens, pencils, shapes and layers to create digital drawings • How to use a range of input devices to create digital artefacts such as graphics tablets for vector drawing.
	<p><u>Recalled Skills</u></p> <ul style="list-style-type: none"> • Creating folders & organising work • Accessing emails • Peer assessment of work with criteria • Accessing software and school network • Using storyboard to plan ideas for media products • Use of inputs & outputs in block based coding • Use of selection in blocked based coding • Use of iteration to get to repeat multiple times 	<p><u>Recalled Skills</u></p> <ul style="list-style-type: none"> • Creating folders & organising work efficiently (• Accessing emails • Peer assessment of work against criteria • Accessing software and school network • What a storyboard is • Use of inputs/outputs in block based coding • Use of selection in blocked based coding • Use of iteration to repeat code • Download coded to an external computer system to control its function 	<p><u>Recalled Skills</u></p> <ul style="list-style-type: none"> • Creating folders & organising work • Accessing emails • Peer assessment of work against criteria • Accessing software and school network •

<p><u>New Knowledge</u></p> <ul style="list-style-type: none"> • Different between stop motion and key frame animation • Different types of images – animations and where each is used. • How to export created animations for use across a range of devices. • How to program physical sensors and exterior devices using block based coding. • The concept of radio waves and how they can use to send encrypted communications. • Creating electronic circuits linked to sensors to control the flow of data. 	<p><u>New Knowledge</u></p> <ul style="list-style-type: none"> • How to create and use truth tables to show the possible outcomes of a Boolean logic circuit and why this is necessary. • Name logic gates and explain how they function • Name internal components of a PC • Know what a CPU is and its purpose • Name different types of storage devices and where they are used • Different types of networks • What a sound wave is and how they are altered. • How to modify and create visual media such as videos. • The features a good quality video advert should include • How to use advanced search techniques on Google • Suggest areas of development for own work 	<p><u>New Knowledge</u></p> <ul style="list-style-type: none"> • The difference between vector and bitmap graphics • Know how anchor points are used in illustration • Understand how to adjust anchors using handles • Be able to create a simple character by adjusting shapes • Know how anchor points are used in illustration • Understand how to adjust anchors using handles • Be able to use the pen tool to create complex shapes • The value of data to companies involved in technology and explain the need for data protection in relation to what happens to the data entered online. • To know what hacking is and understand the difference between legal and illegal hacking.
<p><u>Recalled Knowledge</u></p> <ul style="list-style-type: none"> • Evaluate and review own work against success criteria • Suggest areas of development for own work • Design principles e.g. contrasting colours • How to source high quality assets • Advanced searching techniques when finding assets for a media product • Describe what a school network is. • What is appropriate/inappropriate use of school emails • Define key terms linked to online safety • Properties of materials linked to conductivity 	<p><u>Recalled Knowledge</u></p> <ul style="list-style-type: none"> • Evaluate own work against success criteria • Suggest areas of development for own work • Describe what a school network is. • List examples of computers accessed in everyday life • The difference between input & output devices 	<p><u>Recalled Knowledge</u></p> <ul style="list-style-type: none"> • How to source high quality assets or digital artefact for a piece of work. • Evaluate and review own work against success criteria • The purpose of input & output devices. • How to design media for different purposes/audiences • Advanced searching techniques when finding assets for a media product • Design principles e.g. contrasting colours •
<p><u>Assessment:</u> Multiple choice end of topic quiz checking recall of facts. Digital written feedback on in class notebook identify success criteria met and how to improve their knowledge/understanding/</p>	<p><u>Assessment:</u> Multiple choice end of topic quiz checking recall of facts. Digital written feedback on in class notebook identify success criteria met and how to improve their knowledge/understanding/</p>	<p><u>Assessment:</u> Multiple choice end of topic quiz checking recall of facts. Digital written feedback on in class notebook identify success criteria met and how to improve their knowledge/understanding/</p>
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Year 9	<p><u>New Skills</u></p> <ul style="list-style-type: none"> Identify successful businesses and why they are successful Professional/formal presentation skills Developing branding for specific purposes How create high quality research questionnaires Use of lists and arrays within programming Use of complex selection techniques in coding Produce code to solve a problem independently 	<p><u>New Skills</u></p> <ul style="list-style-type: none"> Know what a visualisation diagram is and the role they play in planning media products. Be able to create a detailed visualisation to portray your idea. Design and create a suitable GUI for a mobile app which is appealing and suitable. Use user input in an event-driven programming environment Use variables in an event-driven programming environment 	<p><u>New Skills</u></p> <ul style="list-style-type: none"> Be able to identify fake news Know how to check the validity of a news story Able to spot clickbait To able to apply basic cyphers to data to encrypt and unencrypt it. To be able to perform sorting and searching algorithms on a range of data
	<p><u>Recalled Skills</u></p> <ul style="list-style-type: none"> Analysing existing products Creating folders & organising work efficiently Accessing emails Peer assessment of work against criteria Accessing software and school network Create bitmap images Create vector images using a range of tools 	<p><u>Recalled Skills</u></p> <ul style="list-style-type: none"> Creating folders & organising work efficiently (Yr7 HT1) Accessing emails (Yr7 HT1) Peer assessment of work against criteria (Yr7) Accessing software and school network (Yr7) Use of inputs & outputs in block based coding (Yr7 HT3 & Yr8 HT3) Use of selection in blocked based coding (Yr7 HT3 & Yr8 HT3) Use of iteration to get to repeat multiple times (Yr7 HT3 & Yr8 HT3) 	<p><u>Recalled Skills</u></p> <ul style="list-style-type: none"> Creating folders & organising work efficiently Accessing emails Peer assessment of work against criteria Accessing software and school network Use of inputs & outputs in block based coding Use of selection in blocked based coding Use of iteration to get to repeat multiple times
	<p><u>New Knowledge</u></p> <ul style="list-style-type: none"> Define what a business/enterprise is List common features of a business 4 p's of marketing What constitutes a good and effective logo? The difference between qualitative and quantitative data Difference between fixed and variables to a business. The difference between graphical, block and text based programming What meaning variables names are and how to spot them? 	<p><u>New Knowledge</u></p> <ul style="list-style-type: none"> To know what a digital graphic is and where they are used, being able to identify a range of examples. To know how to analyse a client brief, identifying their needs and create suitable preproduction documents for planning Recognise that events can control the flow of a program understand what copyright is and why it is important in a digital world. To be able to source and save a range of high quality assets for a media product. Understanding how and where apps are used in our lives 	<p><u>New Knowledge</u></p> <ul style="list-style-type: none"> Understand what is meant by news values. Explain how something is deemed 'newsworthy' and evaluate which news values are most important. Understand what is meant by distribution Identify methods of news circulation What encryption is How encryption is used to keep data safe Identify advantages and disadvantages of digital distribution

<ul style="list-style-type: none"> How to explain code and use subject vocabulary when describing how it functions 		<ul style="list-style-type: none"> Know what is meant by the term 'clickbait' Understand how clickbait is used to circulate news
<p>Recalled Knowledge</p> <ul style="list-style-type: none"> Evaluate and review own work against success criteria Suggest areas of development for own work Design principles including contrasting colours How to source high quality assets How to use advanced search techniques on Google How to analyse visual data from graphs to make informed decisions. 	<p>Recalled Knowledge</p> <ul style="list-style-type: none"> Evaluate and review own work against success criteria Suggest areas of development for own work Design principles including contrasting colours How to source high quality assets How to use advanced search techniques on Google How to analyse visual data from graphs to make informed decisions. The difference between graphical, block and text based programming What meaning variables names are and how to spot them? How to explain code and use subject vocabulary when describing how it functions 	<p>Recalled Knowledge</p> <ul style="list-style-type: none"> Design principles including contrasting colours Know what a target audience is and how to alter design to appeal(How to source high quality assets Evaluate and review own work against success criteria How to use advanced search techniques on Google
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