

Overview 23/24 Computing

Computing	Autumn 1 Autumn 2	Spring 1 Spring 2	Summer 1 Summer 2
Year 7	<p>Information Technology</p> <ul style="list-style-type: none"> ● Introduction to network, log on new username and passwords. ● DTP task use of publisher basics ● Understanding hardware and software. ● Safe use of internet and Image search ● Use of Powerpoint; create and present to an audience. ● Collect and present information. Carry out survey and present information. ● Charts/tables rows and columns and table tools. ● File management saving and retrieving work 	<p>Internet Safety</p> <ul style="list-style-type: none"> ● Dangers and safe use of Internet ● Social Media Awareness ● Password Security: What is a password? What makes a good password? ● Use of Kahoot challenge as a learning tool ● Safe search Internet for agreed purpose ● Research and present findings (background wordart image shape animation present) 	<p>Digital Media</p> <ul style="list-style-type: none"> ● Photography. Use of ipad/tablets to photograph images and close ups. ● Download pictures, edit and present. ● Use alternative software iMovie (use of Tablets) ● Intro to email /gmail NTLP learning environment. ● Use of Google Drive/NTLP/google apps ● Lego WeDo 2.0 programming ● Creating a simple programme for a model
Year 8	<p>Information Technology</p> <ul style="list-style-type: none"> ● Reminders of network use, usernames, passwords and file management ● MS Publisher DTP task ● Introduction to spreadsheet using Excel ● Functionality addition, subtract and multiply ● IT hardware; input/output devices ● Create, carry out survey, use collected data. ● Present data in variety of appropriate formats ● Develop use of powerpoint to present research finding from the Internet. 	<p>Information Technology/ Internet Safety</p> <ul style="list-style-type: none"> ● Online graphics generator to produce alternative DTP graphics designs ● Use of google maps, direction, time, distance; using the internet for a purpose. ● Uses of the internet and other technologies in the outside world. ● Use NTLP google drive/apps slides. ● Communicating with others email/gmail. 	<p>Internet Safety/Comp Science</p> <ul style="list-style-type: none"> ● Esafety online; flash cards for educating others project; Digital footprint, identity online.. ● Avatars; define and create ● Lego WeDo 2.0 via Bluetooth using ipad identify errors, sequence and repeat programmes. ● Photograph images using a mobile device, download and edit. ● Present images; Powerpoint, Slides and Moviemaker.

<p>Year 9</p>	<p>Information Technology/Online Safety</p> <ul style="list-style-type: none"> ● Username, network and password safety ● Microsoft Excel; uses of a spreadsheet, currency, shopping list, discounts - autosum ● Graphing data on a spreadsheet ● Graphic design/textcraft ● Graphics/colour themed presentation (powerpoint) Use graphics 3D sound transitions. ● Practical data collection graphing data to present in appropriate format. ● NTLTP safe use of gmail/google drive. 	<p>Information Technology</p> <ul style="list-style-type: none"> ● Project based topic: “Fire Safety/Kitchen Safety in the Home” Explore/Investigate Kitchen safety themes and present findings; presentation, photos textcraft (Online graphics generator). File management open save work. ● DTP task – graphics design for a purpose. Takeaway Menu design, shape graphics colour logos. ● Uses of online software. Year 9 Kahoot account; Design build/create share and play a Kahoot quiz 	<p>Internet Safety/Comp Science</p> <ul style="list-style-type: none"> ● Use NTLTP google drive/apps slides. ● Communicating with gmail in NTLTP ● Coding and programming Lego Brick Q motion ● Swift programming. ● Create and sequence a video -images/videos clips GIFs. ● I Movie (IPADS) ● Moviemaker (PC)
<p>KS4 23/24</p>	<p>OCR ICT (E1-3) LLS</p> <ul style="list-style-type: none"> ● Introduction to using IT systems. ● Hardware used in Identify and main uses of hardware components of ICT systems ● Operate IT systems confidently; setup components log on/use networks. ● Removable media ● Safe and secure working; passwords, security ● Use a variety of software application packages. ● Using ICT to produce a creative composition. ● Use software to produce a creative composition. Use drawing, music and photographic package. ● Software editing tools and presenting work in different ways. 	<ul style="list-style-type: none"> ● Using ICT to produce a text document. ● Familiarity of appropriate Word programme. ● Create word and email documents for an agreed purpose. ● Enter edit and organise text. ● Review edit and save documents. ● Formatting facilities, presenting in appropriate format. ● Using ICT to find information. ● Identifying appropriate information for common searches. ● Identify and use common sources examples of information. ● Use appropriate search techniques to find the information ● Review suitability of the information found, fake news, fake websites. ● Selecting and saving information. 	<ul style="list-style-type: none"> ● Communicating information using ICT. ● Safe practice/safe use of equipment. ● Communicating using email. ● Open, send, reply, attachments. ● Managing email account/password security ● Mailbox management. ● Use a variety of input devices.