**

*Form 1*

***Digital literacy*** *is the ability to effectively and critically navigate, evaluate and create information using a range of digital technologies. It requires our scholars to recognise and use that power, to manipulate and transform digital media.* ***Technology is a tool****. The Form 1 curriculum places that tool in the hands of our scholars. It will allow them to make mistakes, create, innovate and collaborate. It is all about transforming them from being passive consumers of digital media to creators and fully engaged in the digital world.* ***At Buckswood we learn by doing.***

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| **Term** | **Topic / Theme** | **Content** | **Software** | **Outcome** |
| Christmas – 1 | Buckswood School: rules, passwords and use of ICT Introduction to e-Safety | “Think You Know” Website | Internet Browser | Scholars will be able to log into their own user areaScholars will be able to access the VLE |
| Christmas – 2 | E-safety | To cover:* Cyberbullying
* Sexting
* social networking
 | Internet BrowserPowerPointWord Processing | Scholars will create a personal list of actions to keep them safe Scholars will create a 4 slide presentation to demonstrate their knowledge |
| Christmas – 3 | **STOP FRAME ANIMATION****Endangered Species**Scholars will work in groups of three/four to create a short stop frame animation film.Opportunities for cross curricular links to Science and Geography | Introduce taskDefine roles and teamsStart research | Internet BrowserWord Processing | Scholars will produce:* “notebook” consisting of a minimum of 3 pages of internet research
* Each group will have complete a storyboard for their animation
* Each Scholar will produce a background for the group animation
 |
| Christmas – 4 | Research | Internet Browser |
| Christmas – 5 | Storyboarding |  |
| Christmas – 6 | Complete Storyboard Start background creation |  |
| Christmas – 7 | Background completion |  |
| HALF TERM |  |  |  |  |
| Christmas – 8 | **STOP FRAME ANIMATION****Endangered Species**Scholars will work in groups of three/four to create a short stop frame animation film.Opportunities for cross curricular links to Science and Geography | Model Making |  |  |
| Christmas – 9 | Model Making |  | * Each Scholar will produce at least one model for the group animation
* Each Scholar will take a sequence of photographs
* Each Scholar will use Windows movie maker
* Each Scholar will evaluate their own work in terms of: quality, effort, contribution to the team and possible improvements for the next project
 |
| Christmas – 10 | Photography |  |
| Christmas – 11 | Photography |  |
| Christmas – 12 | Complete PhotographyStart compiling animation |  |
| Christmas – 13 | Animation |  |
| Christmas – 14 | Film Show!Evaluation and review | Internet BrowserWord Processing Windows Movie Maker |

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| **Term** | **Topic / Theme** | **Content** | **Software** | **Outcome** |
| Easter – 1 | Review current Word Processing skills and ensure all Scholars have minimum needed to complete project | Headers / Footers / use of StylesAny other as required | Word processing | Scholars will be able to:* Use Word Processing software efficiently and effectively
 |
| Easter – 2 | **USING SOUND** **An Audio Snapshot of Buckswood**Scholars will work in pairs to create a short sound clip reflecting life at Buckswood.Opportunities for cross curricular links to any Academic Subject / Academy / Club | Introduce taskPair StudentsBrainstorm ideasList what they already knowResearch Buckswood | Internet BrowserWord Processing | Each pair will:* Define their area of focus
* Research Buckswood
 |
| Easter – 3 | Teacher to demonstrate different sound effectsPlanning to include:* Storyboard
* Script
* Effects
 | Internet BrowserWord ProcessingPowerPoint | Each pair will produce:* At least one storyboard
* At least one interview script

Each pair will collect and import into Audacity:* At least one sound e.g. cheering, school bell, bagpipes
* One scripted interview
* One unscripted voice
 |
| Easter – 4 | Complete Planning | Internet BrowserWord ProcessingPowerPoint |
| Easter – 5 | Collect Sounds | Audacity |
| Easter – 6 | Collect SoundsAudacity Skills | Audacity |
| HALF TERM |  |  |  |  |
| Easter – 7 | **USING SOUND** **An Audio Snapshot of Buckswood**Scholars will work in pairs to create a short sound clip reflecting life at Buckswood.Opportunities for cross curricular links to any Academic Subject / Academy / Club | Manipulate soundsCombine sounds to for clipOutput completed clip in format suitable for Buckswood Radio | AudacityWord processing | Each Scholar will be able to:* Record and manipulate sounds using Audacity
* Import and export sounds using Audacity

Each pair will produce:* An audio snapshot of the school of at least two minutes to include, as a minimum;one scripted interview, one sound andone special effect

Each scholar will review their work referencing areas of improvement from the Christmas term |
| Easter – 8 |
| Easter – 9 |
| Easter – 10 |
| Easter – 11 | CompetitionReview and evaluate  | Word Processing |

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| **Term** | **Topic / Theme** | **Content** | **Software** | **Outcome** |
| Summer – 1 | Review current Publishing skills and ensure all Scholars have minimum needed to complete project | As required | Microsoft Publisher | Scholars will be able to:* Use Microsoft Publisher to layout a programme for a school event
 |
| Summer – 2 | **USING GRAPHICS** **THE ALTERNATIVE SPORTS AND SPEECH DAY PROGRAMME**Working individually scholars will create a Sports and Speech day Programme.Opportunities for links to Sports and Art | Introduce taskHard copy layoutLayout in Publisher | Microsoft Publisher | Each scholar will:* Create a hard copy template
* Transfer the template into Microsoft Publisher
 |
| Summer – 3 | Review current Fireworks/Photoshop skills and ensure all Scholars have minimum needed to complete project  | Internet BrowserFireworksPhotoshop | Each scholar will be able to:* Import and export images using Fireworks and or Photoshop
* Manipulate images
 |
| Summer – 4 | Collect images and manipulate images | Internet BrowserFireworksPhotoshop |
| Summer – 5 |
| Summer – 6 |
| HALF TERM |  |  |  |  |
| Summer – 7 | **USING GRAPHICS** **THE ALTERNATIVE SPORTS AND SPEECH DAY PROGRAMME**Working individually scholars will create a Sports and Speech day Programme.Opportunities for links to Sports and Art | Produce programme using data and images collected | FireworksPhotoshopMicrosoft Publisher | Each Scholar will produce:* A speech and sports day programme using publishing software
* The programme will include text, number and image
* The programme will include at least three images that have been manipulated using Fireworks and or Photoshop
 |
| Summer – 8 |
| Summer – 9 | Critical review and comparison with actual programme | Word Processing | Each Scholar will review their own work:* reflect on similarities/differences between their work and the “real” programme
 |
| Summer – 10 | Creating a HOW TO Guide | Word ProcessingMicrosoft Publisher | Each Scholar will:* Create a HOW TO Guide to include screen shots and instructions for a minimum of three techniques in Fireworks and or Photoshop
 |
| Summer – 11 |

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*Form 2*

***Understanding how the digital world works is as important as English, Maths and Science.*** *For our scholars their future will not be about computer science versus ICT. They need both. The breadth of the Form 2 curriculum delivers both disciplines by allowing them to use technologies in a collaborative, inquiry based learning environment. From learning to program, to creating a financial model, they will develop important strategies for solving problems, designing projects, and communicating ideas.* ***At Buckswood scholars harness technology.***

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| **Term** | **Topic / Theme** | **Content** | **Software** | **Outcome** |
| Christmas – 1 | Buckswood School: rules, passwords and use of ICT, review of e-Safety | “Think You Know” Website | Internet Browser | Scholars will be able to log into their own user areaScholars will be able to access the VLE |
| Christmas – 2 | **PROGRAMMING****FAMOUS EVENTS IN HISTORY** Scholars will use programming software to create a film depicting an historical event.Opportunities for cross curricular links are endless! | Introduce taskReview current Scratch skills and ensure all students have minimum needed to complete project | Scratch | Scholars will be able to use a programming language to:* Move objects around the screen
* Change scenes
* Insert text
* Layer and group objects
 |
| Christmas – 3 |
| Christmas – 4 |
| Christmas – 5 |
| Christmas – 6 | Choose eventResearchStoryboard | Internet BrowserWord Processing |
| Christmas – 7 |
| HALF TERM |  |  |  |  |
| Christmas – 8 | **CONTROL****FAMOUS EVENTS IN HISTORY** Scholars will use programming software to create a film depicting an historical event.Opportunities for cross curricular links are endless! | CreateModifyDocument | ScratchWord Processing | Scholars will create a short film depicting a famous historical event. The film must:* Have at least 3 speech bubbles
* Have at least 4 different objects
* Have at least 2 scenes
* Depict the event in a clear and accurate manner
 |
| Christmas – 9 |
| Christmas – 10 |
| Christmas – 11 |
| Christmas – 12 |
| Christmas – 13 |
| Christmas – 14 | Show Time!Competition, the best three to be loaded onto the Headmaster page of the VLEEvaluation and review |  | Scholars will write a review of a film produced by a classmate |

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| **Term** | **Topic / Theme** | **Content** | **Software** | **Outcome** |
| Easter – 1 | **MULTIMEDIA****AROUND THE WORLD IN 80 CLICKS**Opportunities for cross curricular links to Languages History and Geography | Introduce taskPlanningCollecting Resources | Internet BrowserWord Processing | Each scholar will:* Create their own resource area
* Collect appropriate resources for task
 |
| Easter – 2 | Introductory software skills | Mediator | Each scholar will be able to:* Insert images and text
* Format
* Hyperlink
* Insert sound
 |
| Easter – 3 |
| Easter – 4 | Start creating multimedia CD |  |
| Easter – 5 | Advanced software skills | Each scholar will be able to:* Drag and drop for quiz
* Insert video
* Create hotspots
 |
| Easter – 6 |
| HALF TERM |  |  |  |  |
| Easter – 7 | **MULTIMEDIA****AROUND THE WORLD IN 80 CLICKS**Opportunities for cross curricular links to Languages History and Geography | Create CD | Mediator | Each scholar will produce an Around the World CD with:* A general knowledge quiz
* At least one video
* 3 Introductory phrases in at least one MFL, at least one phrase must be audio
* 3 historical facts for Great Britain and at least one other country
* 3 geographical facts for Great Britain and at least one other country
 |
| Easter – 8 |
| Easter – 9 |
| Easter – 10 |
| Easter – 11 | CompletionExportDemonstrate | Mediator |

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| **Term** | **Topic / Theme** | **Content** | **Software** | **Outcome** |
| Summer – 1 | Review current Spreadsheet skills and ensure all scholars have minimum needed to complete project | As required | Microsoft Excel | Scholars will be able to use Microsoft Excel to:* Create a simple profit and loss spreadsheet
* Format cells
* Enter simple formulas
* Enter simple functions
 |
| Summer – 2 | **SPREADSHEETS****FINANCIAL ORGANISATION OF AN EVENT**Scholars will use a spreadsheet to calculate the cost of the Speech and Sports day BBQ.Opportunities for cross curricular links to Sport and Business | Introduce taskDefine roles and teamsStart research to include equipment hire, running costs and food | Internet BrowserMicrosoft Word | Scholars will have a list of equipment, running costs and food in a Word Processing “notebook” |
| Summer – 3 |
| Summer – 4 | Create a model to determine if the BBQ is viableDoes it come in on budget? | Microsoft WordMicrosoft Excel | Scholars will create a spreadsheet model:* A variable budget can be entered
* At least 3 functions/formulas will have been used
* A graphical representation of costs must be produced
 |
| Summer – 5 |
| Summer – 6 |
| HALF TERM |  |  |  |  |
| Summer – 7 | **SPREADSHEETS****RECORDING RACE RESULTS**Scholars will create a spreadsheet that can be used to record event results and determine the winning house.Opportunities for cross curricular links to Sport and Business | Introduce taskList eventsResearch Word Records | Internet BrowserMicrosoft Excel | Scholars will have a list of events and records in a Word Processing “notebook” |
| Summer – 8 |
| Summer – 9 | Using Excel create a workbook with multiple worksheets to record the school results, calculate winning house | Microsoft WordMicrosoft Excel | Scholars will create a spreadsheet:* Results for at least 5 events
* Points allocated for 1st and 2nd place
* Calculation of winning house
* A graphical representation of school records vs world records
 |
| Summer – 10 |
| Summer – 11 |

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*Form 3*

***Courses that embed core digital skills, as well as subject-specific use of technology enable students to gain the skills and confidence they need to use digital technology to support their learning across the curriculum.*** *The Form 3 curriculum focuses on the transferable skills that are a key component for success in GCSE controlled assessment work and beyond. With an emphasis on research techniques, evaluation and formal presentation of data in a variety of formats scholars further develop their digital literacy.* ***At Buckswood we prepare for the future.***

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| **Term** | **Topic / Theme** | **Content** | **Software** | **Outcome** |
| Christmas – 1 | Buckswood School: rules, passwords and use of ICT, review of e-Safety | “Think You Know” Website | Internet Browser | Scholars will be able to log into their own user areaScholars will be able to access the VLE |
| Christmas – 2 | **RESEARCH AND EFFECTIVE USE OF THE INTERNET** | **Key Terms and concepts:**Plagiarism, Copyright, Computer Misuse, Data ProtectionUsing advanced Techniques – AND, OR, NOT and PHRASESearch engines – how they work – why to “google it” isn’t enough!Validity/Reliability of websitesReferencing resources (Harvard)WP – footers, endnotes, footnotes, picture reverencing, page numbers, Table of Contents, bibliography, word count | Internet BrowserWord Processor | Scholars will be able to:* Effectively search the internet
* Evaluate reliability of sources
* Correctly reference work by others
* Use advanced Word Processing tools to create a formal document
 |
| Christmas – 3 |
| Christmas – 4 |
| Christmas – 5 |
| Christmas – 6 |
| Christmas – 7 |
| HALF TERM |  |  |  |  |
| Christmas – 8 | **RESEARCH BASED PROJECT**Scholars to produce a report addressing one of the following:“Do men earn more than women?”“Is Television the leading cause of violence in today's society”“Does exercise improve intelligence” | Scholars to plan research and produce a report. | Selected by Scholar | Each Scholar will produce a report containing text, image and number:* Minimum 1000 words
* At least 4 correctly referenced web based sources
* At least 2 correctly referenced non web based sources
* At least 4 images, one of which must have been edited
* Scholar must have used at least two software applications to produce the report

Manager responsible: Miss Barton |
| Christmas – 9 |
| Christmas – 10 |
| Christmas – 11 |
| Christmas – 12 |
| Christmas – 13 |
| Christmas – 14 |

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| **Term** | **Topic / Theme** | **Content** | **Software** | **Outcome** |
| Easter – 1 | **SCIENCE RESEARCH BASED PROJECT**Scholars to produce a report the theme of which is to be supplied by the Science Department. | Scholars to plan research and produce a report. | Selected by Scholar | Each Scholar will produce a report containing text, image and number:* Minimum 1000 words
* At least 4 correctly referenced web based sources
* At least 2 correctly referenced non web based sources
* At least 4 images, one of which must have been edited
* Scholar must have used at least two software applications to produce the report

Manager responsible: Mr Samson |
| Easter – 2 |
| Easter – 3 |
| Easter – 4 |
| Easter – 5 |
| Easter – 6 |
| HALF TERM |  |  |  |  |
| Easter – 7 | **ENGLISH RESEARCH BASED PROJECT**Scholars to produce a report the theme of which is to be supplied by the English Department. | Scholars to plan research and produce a report. | Selected by Scholar | Each Scholar will produce a report containing text, image and number:* Minimum 1000 words
* At least 4 correctly referenced web based sources
* At least 2 correctly referenced non web based sources
* At least 4 images, one of which must have been edited
* Scholar must have used at least two software applications to produce the report

Manager responsible: Mr Cassidy |
| Easter – 8 |
| Easter – 9 |
| Easter – 10 |
| Easter – 11 |

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| **Term** | **Topic / Theme** | **Content** | **Software** | **Outcome** |
| Summer – 1 | **ART RESEARCH BASED PROJECT**Scholars to produce a report the theme of which is to be supplied by the Art Department. | Scholars to plan research and produce a report. | Selected by Scholar | Each Scholar will produce a report containing text, image and number:* At least 4 correctly referenced web based sources
* At least 6 correctly referenced and edited
* At least 10 images, one of which must have been edited
* Scholar must have used at least two software applications to produce the report

Manager responsible: Mrs Pasieka |
| Summer – 2 |
| Summer – 3 |
| Summer – 4 |
| Summer – 5 |
| Summer – 6 |
| HALF TERM |  |  |
| Summer – 7 | Scholars to plan research and produce a report. | Selected by Scholar |
| Summer – 8 |
| Summer – 9 |