	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
Information Technology	Skills To sort sound, pictures and text. To add sound, pictures and text to a program. To name a file. To save a file. To find a file.  Knowledge To know how to change content on a file.  Vocabulary Sort, criteria  Animation, e-book, font, file, sound effect, display board  Action, algorithm, background, code, command, debug debugging, event, execute, input, instructions, object, properties, output, run, scale, sound, scene, when clicked  Purple Mash Units 1.2 – Grouping and Sorting 1.6 – Animated Stories 1.7 – Coding  (1.3 – Pictograms) (1.8 – Spreadsheets)	Skills To organise data using a database. To find data using specific searches. To use several programs to organise information. To edit digital data. To name, save and find files. To use media.  Knowledge To know how to organise data. To know what different searches will find.  Vocabulary Pictogram, question, data, collate, binary tree, avatar, database  Impressionism, palette, pointillism, share, surrealism, template Concept map (mind map), quiz, presentation, node, animated, non-fiction, narrative, audience  Purple Mash Units 2.4 – Questioning 2.6 – Creating Pictures 2.8 – Presenting Ideas  (2.3 – Spreadsheet) (2.5 – Effective Searching) (2.7 – Making Music)	Skills To carry out searches to find digital content on online systems. To collect data and input into software. To analyse data using software features. To present data and information using different software. To consider what the most appropriate software is for a task. To create appropriate content and attach this to emails.  Knowledge To understand how to carry out searches. To know that searches require the internet and a search engine. To know how to use different software for different tasks.  Vocabulary  <>=, advance mode, copy and paste, columns, cells, delete key, equals tool, spin tool, move cell tool, rows, spreadsheet  Posture, top row keys, home row keys, bottom row keys, space bar  Animation, audio, design templates, entrance animation, font, media, presentation, presentation program, slide, slideshow, stock image, text box, text formatting, transition  Purple Mash Units 3.3 - Spreadsheets 3.4 - Typing 3.9 - Presenting  (3.5 - Email) (3.6 - Branching Data) (3.7 - Simulations) (3.8 - Graphing)	Skills To look at information on a webpage and make predictions about the accuracy of information within it. To create and improve solutions to a problem. To review solutions using a checklist. To work collaboratively to create content and solutions. To share digital content using a variety of applications.  Knowledge To understand the purpose of a search engine and the main features of it. To understand the function, features, and layout of a search engine. To know what makes a webpage credible.  Vocabulary Action, alert, background, button, code block, command, debug, debugging, execute, co-ordinates, flowchart, if, else, nesting, objects types, predict, number variable, predict, prompt, repeat, prompt for input, selection, properties, repeat until, timer, variable, variable value  Average, advance mode, copy and paste, columns, cells, charts, equals tool, formula, formula wizard, move cell tool, random tool, rows, spin tool, spreadsheet, timer  Easter egg, internet, internet browser, search, search engine, spoof website, website  Purple Mash Units 4.1 – Coding 4.3 – Spreadsheets 4.7 – Effective Searching  (4.4 – Writing for Different Audiences)	Skills To search precisely when using a search engine, using key words. To make appropriate improvements to digital work. To comment on how successful a digital solution is. To work collaboratively with others to create solutions to problems using appropriate software. To use collaborative modes to work with others and share it.  Knowledge To explain in detail how accurate, safe and reliable the content of a webpage is. To know what type of improvements to use on digital work. To understand what makes a digital salutation successful. To know what makes a Webpage  Vocabulary Online safety, smart rules, password, reputable, encryption, identity theft, shared, image, plagiarism, citations, reference, bibliography  Average, advance mode, copy and paste, columns, cells, charts, equals tool, formula, formula wizard, move cell tool, random tool, rows, spin tool, spreadsheet, timer  Audience, collaboratively, concept, concept map, connection, idea, node, thought, visual  Copyright, cursor, document, font, inbuilt styles, merge cells, paragraph formatting, readability, template, text formatting, text wrapping, word art, word processing tool  Purple Mash Units 5.2 – Online Safety 5.3 – Spreadsheets 5.7 – Concept Maps 5.8 – Word Processing (5.1 – Coding) (5.4 – Databases)	YEAR 6  Skills  To use filters when searching for digital content.  To compare a range of digital content sources and rate them in terms of content quality and accuracy.  To design and create online blogs.  To evaluate the quality of digital solutions and suggest refinements.  Knowledge  To know what search filters are and how to use them.  To explain in detail how accurate and reliable a webpage and its content is.  To consider the intended audience when making digital content.  To use critical thinking skills in everyday use of online communication.  Vocabulary  Action, background, debug, debugging, get input, number variable, predict, alert, button, command, developer, flowchart, if, else, nesting, algorithm, called, coordinates, event, function, launch command, object, procedure, prompt, properties, repeat, run, scene, selection, simulation, string, tab, timer, user input, variable  Digital footprint, password, PEGI rating, phishing, screen time, spoof website  Audience, blog page, collaborative, blog, blog post, icon  Purple Mash Units 6.1 – Coding 6.2 – Online Safety 6.4 – Blogging  (6.5 – Text Adventures) (6.7 – Quizzing)
				(4.6 – Animation) (4.8 – Making Music)	(5.5 – Game Creator) (5.6 – 3D Modelling)	(6.9 – Microsoft Spreadsheets)

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	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6				
Digital Literacy	Skills To say what technology is. To give examples of technology in the world. To keep login information safe. To save work in a safe place. To compare objects with and without modern technology.  Knowledge To know what technology is. To know what uses old or new technology. To understand the importance of keeping information safe.  Vocabulary Technology Log in, username, password, log out, my work, avatar, notification, topics, tools save  Purple Mash Units 1.9 – Technology Outside School 1.1 – Online Safety	Skills To find information in a search engine. To share work and communicate electronically. To report unkind behaviour and things that are upsetting online. To see where technology is used in the world. To recognise links between technology, coding and multimedia. To know how things are shared electronically.  Knowledge To know what a search engine is. To know the consequences of not searching online in a safe way. To know how to report online. To understand that skills built in programs can be used in adult life. To share effective searching knowledge.  Vocabulary action, algorithm, background, button, design mode, collision detection, event, debug, debugging, nesting, key pressed, object, run, test, predict, scale, text, properties, scene, timer, sequence, when clicked, when swiped, sound search, display board, internet, sharing, email, attachment, digital footprint internet, search, search engine  Purple Mash Units 2.1 – Coding 2.2 – Online Safety 2.5 – Effective Searching	Skills To create a secure password. To behave respectfully online. To use communication tools respectfully. To report unacceptable content and contact online.  Knowledge To know what a secure, strong password is. To explain the importance of having a secure password. To know not to share passwords with others. To explain the negative consequences of not keeping passwords safe. To understand the importance of keeping safe online. To know how to report online.  Vocabulary Password, internet, blog, concept map, username, website, webpage, spoof website, PEGI rating  Purple Mash Units 3.2 – Online Safety  (3.5 – Email)	Skills To demonstrate how to use different online technologies safely. To demonstrate how to use a few different online services safely. To recognise that personal wellbeing can be affected by technology. To report concerns about content and contact online.  Knowledge To have a good understanding of online safety rules. To know what online technologies are. To know what online services are. To know about the right to privacy on and offline. To know immediate strategies to keep safe online.  Vocabulary Computer virus, cookies, copyright, digital footprint, email, identity theft, malware, phishing, plagiarism, spam  Purple Mash Units 4.2 – Online Safety	Skills To demonstrate the safe and respectful use of different online technologies and online services. To relate appropriate online behaviour to the right to have personal privacy. Knowledge To have secure knowledge of online safety rules. To know how to not let personal wellbeing or others' be affected by the use of online technologies and services.  Vocabulary Online safety, smart rules, password, reputable, encryption, identity theft, shared, image, plagiarism, citations, reference, bibliography  Purple Mash Units 5.2 – Online Safety	Skills To demonstrate safe and respectful use of a range of different technologies and online services. To identify more discrete inappropriate behaviours online. Knowledge To use critical thinking to help stay safe online. To know the value of protecting own and others' privacy and online.  Vocabulary Digital footprint, password, PEGI rating, phishing, screen time, spoof website  Purple Mash Units 6.2 – Online Safety  (6.4 – Blogging)				

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