



COMPUTING SKILLS



Year 1			
	National Curriculum Assessment criteria	skills	Suggested software/ App
Key Skills		<p>I can Independently log onto the school network.</p> <p>I can Independently log off and shut down hardware.</p> <p>I can navigate cursor to different points on the screen.</p> <p>Can recognise the letters in their name on the keyboard.</p>	
Finding things out		<p>I can open internet explorer.</p> <p>I can access the internet using favourites.</p> <p>I can use the search tool to find specific information.</p>	<p>Internet explorer</p> <p>Safari</p> <p>Google</p>
Using Sound		<p>I can record sounds using a computer program or iPad app.</p>	<p>Garage Band</p> <p>Isle of Sound</p> <p>Audio Boom</p>
Word processing	<ul style="list-style-type: none"> Use technology purposefully to create, organise, store, manipulate and retrieve digital content 	<p>I can open a new document.</p> <p>I can use the keyboard to enter text.</p> <p>I can save my document.</p> <p>I can print my work.</p> <p>I can use Save as to save changes.</p> <p>I can re-open a document.</p> <p>I can change the font.</p> <p>I can change the size of the font.</p> <p>I can change the colour of the font.</p> <p>I can use word art.</p>	<p>MS Word</p> <p>Pages</p> <p>Evernote</p>
Presentation Software		<p>I can open a new document.</p> <p>I can use the keyboard to enter text onto a slide.</p> <p>I can insert a new slide.</p> <p>I can insert a picture onto my slide.</p> <p>I can play my slide show.</p> <p>I can save my work.</p>	<p>PowerPoint</p> <p>Smart Notebook</p> <p>Keynote</p> <p>Prezzi</p> <p>Photostory</p> <p>2Create a Story</p>



COMPUTING SKILLS



		I can re-open my presentation.	
Publishing		I can find and open the comic strip app (or similar) I can insert text into a template. I can insert a picture into a template.	MS Publisher Comic Life Insta-collage I Book creator
Photos		I can take a photo using a digital camera. I can take a photo using the iPads.	MS Photoviewer Iphoto Colour Splash Colour effect Brushes
Video		I can use exported photos in photo story (or similar software) as a video.	iPad video Imovie Green Screen
Animation		I can to create a short animation. use puppet pals app (or similar)	Imotion HD Imovie Morfo Stop motion Puppet Pals Story Maker Crazy Talk
iPads		I can turn an iPad on. I can choose and start an app. I can use the home button to return to the home screen.	
Programming And Gaming	<ul style="list-style-type: none"> understand what algorithms are; how they are implemented as programs on digital 	I can explore a range of control toys and devices such as remote control toys and Bee-Bots I can follow and create a series of simple instructions to move around a course	Scratch Scratch Jr Daisy Dino Cargo Bot



COMPUTING SKILLS



	<p>devices; and that programs execute by following precise and unambiguous instructions</p> <ul style="list-style-type: none"> • create and debug simple programs • use logical reasoning to predict the behaviour of simple programs • recognise common uses of information technology beyond school 	<p>I can explore outcomes when buttons are pressed on a programmable device or icons/objects are clicked on a computer screen.</p> <p>I have experiences of controlling other devices such as sound recording devices, music players, digital cameras, iPads, Wiis, Xbox Kinect, Dance mats.</p> <p>While navigating around a course on a computer I can predict what will happen once the next command is entered.</p>	<p>Blue Bot Beebot Koadable Tynker Lightbot Crazy gears Coddy Free</p>
<p>E-safety</p> <p>See additional year group planning</p>	<ul style="list-style-type: none"> • Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies. 	<p>I can navigate age appropriate websites</p> <p>I know not everything on the internet is true</p> <p>I understand people can communicate with other people online.</p> <p>I can publish to a blog for others to view</p> <p>I can follow WENTWORTH e-safety rules</p> <p>I understand the consequences if I do not act responsibly when using the internet or iPads.</p> <p>I know not to give out my home address or any other information that could be used to identify me.</p> <p>I know what to do if I see anything I am unhappy with or receive a message I do not like.</p> <p>I know what to do if I find something inappropriate online.</p>	



COMPUTING SKILLS



Year 2			
	National Curriculum Assessment criteria	skills	Suggested software/ App
Key Skills		<p>I can save and load my work to a given location.</p> <p>I can understand the primary functions of the alphabet keyboard keys.</p> <p>I can understand the function of a space bar and return key.</p>	
Finding things out		<p>I can enter a URL to find a website.</p> <p>I can bookmark favourite sites.</p>	<p>Internet explorer</p> <p>Safari</p> <p>Google</p>
Using Sound		<p>I can show confidence when using computer programs or apps to record sounds.</p>	<p>Garage Band</p> <p>Isle of Sound</p> <p>Audio Boom</p>
Word processing	<ul style="list-style-type: none"> Use technology purposefully to create, organise, store, manipulate and retrieve digital content 	<p>I can change the layout of the text using the justification tab.</p> <p>I can change the page size.</p> <p>I can change the margins.</p> <p>I can use the spell check tool.</p> <p>I can use find and replace.</p> <p>I can cut, copy and paste within a document.</p> <p>I can cut copy and paste across documents.</p> <p>I can highlight text.</p> <p>I can use bullet points.</p> <p>I can insert a picture.</p> <p>I can use the undo/redo tab.</p>	<p>MS Word</p> <p>Pages</p> <p>Evernote</p>
Presentation Software		<p>I can change the background colour of each slide.</p> <p>I can change the transition between each slide.</p> <p>I can add animation to my slides.</p>	<p>PowerPoint</p> <p>Smart Notebook</p> <p>Keynote</p> <p>Prezzi</p> <p>Photostory</p> <p>2Create a Story</p>



COMPUTING SKILLS



Publishing		<p>I can open a new publisher document. I can open a template document. I can enter text. I can change font styles in my document. I can insert a text box and enter text. I can insert a picture box. I can use word art in my document.</p>	<p>MS Publisher Comic Life Insta-collage I Book creator</p>
Photos		<p>I can export pictures from the camera. I can import pictures into applications and documents.</p>	<p>MS Photoviewer Iphoto Colour Splash Colour effect Brushes</p>
Video		<p>I can use video recording equipment. I can use photo story (or similar software) to import my own photos.</p>	<p>iPad video Imovie Green Screen</p>
Animation		<p>I can plan my animation using a comic strip. I can use I-motion app (or similar) to create a short animation.</p>	<p>Imotion HD Imovie Morfo Stop motion Puppet Pals Story Maker Crazy Talk</p>
iPads		<p>I can use the volume control and mute buttons. I can use chosen apps to support my learning in curriculum areas.</p>	
Programming And Gaming	<ul style="list-style-type: none"> understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and 	<p>I can create a sequence of instructions to control a programmable device. I can control a real or virtual device using appropriate buttons, make predictions and estimate distances and turns. I have explored a range of control devices such as a sound recorders, cameras and other devices. I can describe the use of controlling other devices through a sequence</p>	<p>Scratch Scratch Jr Daisy Dino Cargo Bot Blue Bot Beebot Koadable</p>



COMPUTING SKILLS



	<p>unambiguous instructions</p> <ul style="list-style-type: none"> • create and debug simple programs • use logical reasoning to predict the behaviour of simple programs • recognise common uses of information technology beyond school 	<p>of commands such using Google maps to plan a route from home to school or setting up playlists in iTunes. I know a programmable device needs to be given an instruction before it will work.</p>	<p>Tynker Lightbot Crazy gears Coddy Free</p>
<p>E-safety See separate E-Safety Year group planning</p>	<ul style="list-style-type: none"> • Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies. 	<p>I can navigate age appropriate websites I know not everything on the internet is true I understand people can communicate with other people online. I can publish to a blog for others to view I can follow WENTWORTH E-Safety rules I understand the consequences if I do not act responsibly when using the internet or iPads. I know not to give out my home address or any other information that could be used to identify me. I know what to do if I see anything I am unhappy with or receive a message I do not like. I know what to do if I find something inappropriate online.</p>	



COMPUTING SKILLS



Year 3 and 4			
	National Curriculum Assessment criteria	skills	Suggested software/ App
Finding things out	<ul style="list-style-type: none">• understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration• use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content	I can use a search engine to find information and realize the importance of choosing key words to find information efficiently.	Internet explorer Safari Google
Using Sound		I can access music files stored on Multimedia drive to include in my recording. I can export my recording as an MP3 file.	Garage Band Isle of Sound Audio Boom
Word processing	select, use and combine a variety of software (including internet services) on a range	I can edit a paragraph within my document. I can change the spacing of a document. I can edit the page layout. I can insert a table. I can use multi-level lists within my document using bullet points.	MS Word Pages Evernote



COMPUTING SKILLS



	of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information	I can insert a picture and edit the layout using text wrap, forward and backward.	
Presentation Software		I can insert a sound or music file into my presentation. I can insert a video file into my presentation. I can evaluate slides and recognize the features of a good design. I can use Smart notepad to present my ideas to an audience.	PowerPoint Smart Notebook Keynote Prezzi Photostory 2Create a Story
Publishing		I can use the arrange tool to change the position of part of my document. I can format the background of my document. I can insert a new page into my document. I can edit the boarders within my document (thickness and colour) I can use the shape tools.	MS Publisher Comic Life Insta-collage I Book creator
Photos		I can crop and resize my photos to fit a purpose.	MS Photoviewer Iphoto Colour Splash Colour effect Brushes
Video		I can export my video onto the computer.	iPad video Imovie Green Screen
Animation		I can export my animation into iMovie. I can add sound to my animation using editing software.	Imotion HD Imovie Morfo Stop motion Puppet Pals Story Maker Crazy Talk



COMPUTING SKILLS



iPads		<p>I can independently access the iPads to enhance my learning.</p> <p>I can return the iPads to charge.</p>	
Spreadsheets		<p>I can use an on-screen calculator</p> <p>I can produce a graph using 2calculate (or similar software)</p> <p>I can enter labels into a cell</p> <p>I can enter numbers into a cell</p> <p>I can adjust column widths</p> <p>I can use colour to make spreadsheets clearer.</p> <p>I can copy cells</p>	MS Excel
Programming And Gaming	<ul style="list-style-type: none"> design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts use sequence, selection, and repetition in programs; work with variables and various forms of input and output use logical reasoning to explain how some simple algorithms 	<p>I can plan a sequence of instructions for a device using more complex commands.</p> <p>I can solve problems with a real or virtual device. (identify errors in a sequence of instructions)</p> <p>I can plan a set of instructions using standard programming notation (flow charts symbols)</p> <p>I can create an instruction or set of instructions with the shortest number of commands to create a desired effect by using procedures.</p>	<p>Scratch</p> <p>Scratch Jr</p> <p>Daisy Dino</p> <p>Cargo Bot</p> <p>Blue Bot</p> <p>Beebot</p> <p>Koadable</p> <p>Tynker</p> <p>Lightbot</p> <p>Crazy gears</p> <p>Coddy Free</p>



COMPUTING SKILLS



	work and to detect and correct errors in algorithms and programs	<p>Games</p> <p>I can combine commands for simple effects such as moving and turning a character</p> <p>I can analyse code I have created and make alterations to it to improve the game and correct mistakes.</p> <p>I can use graphics, sound etc. to make the game more engaging.</p>	
<p>E-safety</p> <p>See additional year group planning</p>	<ul style="list-style-type: none"> Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact. 	<p>I am aware of rules and understand that they exist to help keep me safe when online.</p> <p>I am aware of WENTWORTH E-Safety rules and adopt these when using the internet and other technologies.</p> <p>I am aware of the consequences of not following the rules.</p> <p>I know I should behave online as I would in the real world: respecting other peoples' views.</p> <p>I understand the concept of personal safety in real life and online life.</p> <p>I understand the importance of keeping personal information private.</p> <p>I can explore the difference in communicating face-to-face and online.</p> <p>I can use new technologies showing responsible behaviours.</p> <p>I am aware of the negative impact cyber bullying can have on its victims and am aware of where I can go for help and advice if I need to.</p> <p>I can explore the validity of information on the internet.</p> <p>I can make sensible and considered judgments about whether or not to trust online content</p>	



COMPUTING SKILLS



Year 5			
	National Curriculum Assessment criteria	skills	Suggested software/ App
Key Skills		I can create, insert and modify tables and charts. I can select appropriate software for the purpose of a task I can select and use suitable functions, applications and features in order to create high quality documents or work.	
Finding things out	<ul style="list-style-type: none">• understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration• use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content	I can ensure the use of accurate information when researching.	Internet explorer Safari Google
Using Sound		I can use sound recording skills to present my learning in other areas. I can show an understanding of how to use the equipment within the radio station.	Garage Band Isle of Sound Audio Boom



COMPUTING SKILLS



Word processing	<ul style="list-style-type: none"> select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information 	<p>I can edit the indents within my document.</p> <p>I can edit the header and footer.</p> <p>I can insert a hyperlink.</p>	<p>MS Word</p> <p>Pages</p> <p>Evernote</p>
Presentation Software		<p>I can use various multimedia programs to present my work.</p> <p>I can create hyperlinks to pages within presentations.</p> <p>I can evaluate multimedia pages and recognise the features of good page design to improve my own work.</p> <p>My work includes: Video, Images, Visual effects, Sound and Animation, to convey meaning and purpose.</p>	<p>PowerPoint</p> <p>Smart Notebook</p> <p>Keynote</p> <p>Prezzi</p> <p>Photostory</p> <p>2Create a Story</p>
Publishing		<p>I can use publishing software to create documents for a given purpose/audience.</p> <p>My work includes: Video, Images, Visual effects, Sound and Animation, to convey meaning and purpose.</p>	<p>MS Publisher</p> <p>Comic Life</p> <p>Insta-collage</p> <p>I Book creator</p>
Photos		<p>I can re-colour photos to create an effect.</p>	<p>MS Photoviewer</p> <p>Iphoto</p> <p>Colour Splash</p> <p>Colour effect</p> <p>Brushes</p>
Video		<p>I can edit my video recordings using iMovie (or similar editing software)</p>	<p>iPad video</p> <p>Imovie</p> <p>Green Screen</p>
Animation		<p>I can create an animation for an audience.</p>	<p>Imotion HD</p> <p>Imovie</p> <p>Morfo</p> <p>Stop motion</p> <p>Puppet Pals</p> <p>Story Maker</p> <p>Crazy Talk</p>



COMPUTING SKILLS



iPads		I can independently access the ipads to enhance my learning. I can return the ipads to charge.	
Spreadsheets		I can change data in a cell. I can enter a formula to add the contents of 2 cells. I can use SUM to add up numbers in a row or column. I can copy a formulae to create a table. I can create graphs from my data. I use spreadsheets to collate and analyse information. I can create and use a spreadsheet for a purpose.	MS Excel
Programming And Gaming	<ul style="list-style-type: none"> design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts use sequence, selection, and repetition in programs; work with variables and various forms of input and output 	I can identify input and output devices in real life situations. I can write a sequence of instructions to control input and output devices using real (if possible) or virtual on screen devices	Scratch Scratch Jr Daisy Dino Cargo Bot Blue Bot Beebot Koadable Tynker Lightbot Crazy gears Coddy Free



COMPUTING SKILLS



	<ul style="list-style-type: none">• use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs	Games I can refine and combine procedures to solve more complex problems. I can copy or repeat commands to make code as short as possible. I can add conditions to events in a program e.g. if your car drives over an odd number, end the game	
E-safety See additional year group planning	<ul style="list-style-type: none">• Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.	I am aware of rules and understand that they exist to help keep me safe when online. I am aware of WENTWORTH E-Safety rules and adopt these when using the internet and other technologies. I am aware of the consequences of not following the rules. I know I should behave online as I would in the real world: respecting other peoples' views. I understand the concept of personal safety in real life and online life. I understand the importance of keeping personal information private. I can explore the difference in communicating face-to-face and online. I can use new technologies showing responsible behaviours. I am aware of the negative impact cyber bullying can have on its victims and am aware of where I can go for help and advice if I need to. I can explore the validity of information on the internet. I can make sensible and considered judgments about whether or not to trust online content	



COMPUTING SKILLS



Year 6			
	National Curriculum Assessment criteria	skills	Suggested Software/App
Finding things out	<ul style="list-style-type: none">understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaborationuse search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content	I can ensure the use of accurate information when researching. When researching I skim read and modify my search if needed.	Internet explorer Safari Google
Using Sound		I can use sound recording skills to present my learning in other areas. I can take on a role within the radio station.	Garage Band Isle of Sound Audio Boom
		I can edit the indents within my document.	MS Word



COMPUTING SKILLS



Word processing	<ul style="list-style-type: none"> select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information 	<p>I can edit the header and footer. I can insert a hyperlink. I can insert page breaks. I can use previously taught skills effectively within my document.</p>	<p>Pages Evernote</p>
Presentation Software		<p>I can use various multimedia programs to present my work. I can create hyperlinks to pages within presentations. I can evaluate multimedia pages and recognise the features of good page design to improve my own work. My work includes: Video, Images, Visual effects, Sound and Animation, to convey meaning and purpose.</p>	<p>PowerPoint Smart Notebook Keynote Prezzi Photostory 2Create a Story</p>
Publishing		<p>I can use publishing software to create documents for a given purpose/audience. My work includes: Video, Images, Visual effects, Sound and Animation, to convey meaning and purpose.</p>	<p>MS Publisher Comic Life Insta-collage I Book creator</p>
Photos		<p>I can re-colour photos to create an effect.</p>	<p>MS Photoviewer Iphoto Colour Splash Colour effect Brushes</p>
Video		<p>I can edit my video recordings using iMovie (or similar editing software)</p>	<p>iPad video Imovie Green Screen</p>
Animation		<p>I can create an animation for an audience.</p>	<p>Imotion HD Imovie Morfo Stop motion Puppet Pals Story Maker Crazy Talk</p>



COMPUTING SKILLS



iPads		I can independently access the ipads to enhance my learning. I can return the ipads to charge.	
Spreadsheets		I can change data in a cell. I can enter a formula to add the contents of 2 cells. I can use SUM to add up numbers in a row or column. I can copy a formulae to create a table. I can create graphs from my data. I use spreadsheets to collate and analyse information. I can create and use a spreadsheet for a purpose	MS Excel
Programming And Gaming	<ul style="list-style-type: none"> design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts use sequence, selection, and repetition in programs; work with variables and various forms of input and output use logical reasoning to explain how some 	<p>I can identify input and output devices in real life situations. I can write a sequence of instructions to control input and output devices using real (if possible) or virtual on screen devices I can apply my knowledge of control sequences in terms of inputs and outputs and draw simple flow diagrams to explain what is happening. I can make outputs react to conditions met by inputs e.g. if it gets dark, turn lights on.</p> <p>Games I can refine and combine procedures to solve more complex problems. I can copy or repeat commands to make code as short as possible. I can add conditions to events in a program e.g. if your car drives over an odd number, end the game I can create a game for an audience considering level of difficulty. I can refine a game based on audience feedback.</p>	Scratch Scratch Jr Daisy Dino Cargo Bot Blue Bot Beebot Koadable Tynker Lightbot Crazy gears Coddy Free



COMPUTING SKILLS



	simple algorithms work and to detect and correct errors in algorithms and programs		
E-safety See additional year group planning	<ul style="list-style-type: none">• Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact.	<p>I am aware of rules and understand that they exist to help keep me safe when online. I am aware of WENTWORTH E-Safety rules and adopt these when using the internet and other technologies. I am aware of the consequences of not following the rules. I know I should behave online as I would in the real world: respecting other peoples' views. I understand the concept of personal safety in real life and online life. I understand the importance of keeping personal information private. I can explore the difference in communicating face-to-face and online. I can use new technologies showing responsible behaviours. I am aware of the negative impact cyber bullying can have on its victims and am aware of where I can go for help and advice if I need to. I can explore the validity of information on the internet. I can make sensible and considered judgments about whether or not to trust online content</p>	