Cooloongup Primary School　　　Cooloongup Primary School　　　**Year 1 Digital and Design Technologies Overview**　　　Craig Talbot　　　Version 2 (8/12/2017)

	Digital Technologies					ICT							DOE NAPLAN Online Skills	
						General Capabilities Level 2						**ICT Skill**	**Description**	**Tasks**
Knowledge and Understandings		T1	T2	T3	T4	**Base Skill Description**	**Skill 1**	**Skill 2**	**Skill 3**	**Skill 4**	**Skill 5**	**Type of Skill**	**What can the Student do**	**What tasks can achieve this**
Digital Systems	Digital systems (hardware and software) are used at home, in the school and in the community. e.g. ▯ use a tablet to take a photograph. ▯ Demonstrate that characters in coding apps (Daisy The Dinosaur, Scratch Jr, Dash and Dot) follow a set of instructions (algorithm) ▯ Code.org: https://studio.code.org/s/course B					**Entry to Keyboard and Mouse skills**	Keyboard: Delete key Enter Key Use Caps Lock to make a series of Capital letters	Mouse: Left Mouse button click and double click. Right mouse button – context menus	Name a document: Open folder Open document Save a document.	Login: independently login using name.surname and password. Log off or shutdown computer Login vs. real name	Save, Save As and **reopen** work to/from own H: drive or My Documents folder.	ICT Skill 1: Locate and select an answer from a list	Student can: locate a question, supporting information and possible answers. click or tap once to select the correct answer. change their answer or a list or a sequence. recognise the answer icon will change when selected.	
Representations of Data	Data can have patterns and can be represented as pictures and symbols e.g. **sorting data** -class birthdays or pets, to explore patterns in data using pictures, symbols or diagrams					**Computer components and terms. (Digital Systems)**	Web browser Internet Explorer Google Chrome Firefox Connect	Programs, Applications, Apps Menus Icons Desktop Home Screen	Start Button Start Menu Search Bar All Programs Home button	Word Processor Paint Program Undo Cut, Copy and Paste.		ICT Skill 2: Type an answer in a text box	Student can: Accurately type 10 letters or numbers, without error. Click a mouse or tap a screen to set their cursor before typing. Type and edit answer.	
Processes and Production Skills		T1	T2	T3	T4									
Collecting managing and analysing data	Present data of any kind using a variety of digital tools e.g. Displaying simple data in graphs or present information using digital tools - PowerPoint, the apps Pic Collage, or iMovie													
Digital implementation	Use data to solve a simple task/problem • Graphs, tables or displays are used to decide on a course of action such as which game to play during sport. Share and publish information with known people in an online environment, modelling strategies to stay safe online • participating in safe online environments, for example sharing ideas and information with people they know or in moderated online spaces and making ethical decisions on • whether it is the correct information to publish (cybersafety)					**Internet use Cybersafety**	Recognise THINK strategy to be safe online	Be aware of cybersafety issues	Follow class rules to be safe online.	Only communicate with known persons online.		ICT Skill 3: Read the screen and navigate web pages	Student can: use a mouse or fingers to move around, zoom in and out, and min. and max. screen. use scroll bars to open and close objects. use arrows and icons.	
						Using Software	Recognise Word icon Open blank document Type letters of alphabet and numbers.	Using paint program. Use shape and basic paint tools (line and fill)	Use Undo (Ctrl Z) to go back one step.	Cut, Copy and Paste (right click) or Ctrl – X, C and V.	Print work (teacher assist)	ICT Skill 4: Manipulate objects on screen	Student can: drag an object and drop it in correct place. zoom in and out, and tap and hold to drag and drop objects. turn objects around (e.g. to rotate a shape). draw a straight line between two objects. use tools: magnifier, calculator, protractor.	
Creating Solutions by:		T1	T2	T3	T4									
Investigating and defining	Explore opportunities for design													
Designing	Develop and communicate design ideas through describing, drawing, modelling and/or a sequence of written or spoken steps					**Using Connect**	Open web browser. Login to Connect or portal.	Start and use Connect for basic tasks	Read or listen to instructions in Connect.	Open websites or tasks from Connect.		ICT Skill 5: Read, comprehend and manipulate digital texts	Student can: focus on digital texts with no screen clutter. toggle between texts and answers. locate and copy information or detail. connect visual cues to images with ideas. read digital texts to interpret ideas identify a sequence of events and the purpose of digital texts. infer writer's feelings in digital text. use reading strategies to comprehend digital text.	
Producing and implementing	Use given components and equipment to safely make solutions											ICT Skill 6: Plan and compose text using keyboarding and word processing	Student can: draft, edit and revise texts digitally type using all characters on a keyboard. use correct fingering on the keyboard or device. select text, delete/move words and phrases. type quickly enough to retain	

												thoughts & ideas use a range of modelled or shared/interactive digital writing sessions. use digital planning tools	
Evaluating	Use personal preferences to evaluate the success of design processes											ICT Skill 7: Listen using a headset	Student can: listen to a word via a headset: -sound it out, picture it in their mind, type it correctly, check and edit if needed open and close an audio item or stimulus from the toolbar. listen to audio without being distracted. understand slightly different accents and intonations, and male and female voices.	
Collaborating and managing	Works with others, or independently, to safely create and share a sequence of steps for making a solution													