



Pre-Primary Digital and Design Technologies Overview

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							IC	Т			D	OE NAPLAN Online Skill	S	
								General Capak	oilities Level 1			ICT Skill	Description	Tasks
Knowledge and	Understandings	T1	T2	ТЗ	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. o know that a tablet can be used to take a photo o Use unplugged activities that following instructions - algorithms o explore coding apps -Daisy the Dinosaur, Dash and Dot Robots. o Code.org: https://studio.code.org/s/course1					Entry to Keyboard and Mouse skills	Keyboard: Identify Letter and number keys Use arrow keys to move around Use Backspace to delete	Mouse Use left mouse button to click and double click. Use Right Mouse button for menus Recognise each button is different.	Use Shift to make a capital letter.	Be able to type in own name. Use card to logon to computer. Recognise Username And Password Be able to Logoff	Be able to open a program. Be able to close a program.	ICT Skill 1: Locate and select an answer from a list	Student can: click or tap once to select the correct answer.	
Representations of Data	Data can have patterns and can be represented as pictures and symbols e.g. Experiment with pictures, materials, sounds or movement to create patterns.					Computer components and terms. (Digital	Keyboard and	Identify computer desktop and a	CD or DVD Drive . USB Sticks can be	Identify printer. Print and collect work	Desktop Icons Start Button		Student can: click a mouse or tap a screen to	
Processes and Product	tion Skills	T1	T2	Т3	T4	Systems)	Monitor, Speakers, IWB,	monitor,	used for personal			ICT Skill 2: Type an	set their cursor before typing.	
Collecting managing and analysing data Digital	Collect and use data of any kind e.g. Collecting, and sorting data through play, for example collecting data about favourite toys and sorting them into categories such as toys they like or dislike Use data to complete a task				In	Internet use	On/Off button, USB Sticks Software, Tablet, Smart Phone	keyboard and mouse. Turn on a computer with power button.	storage Aware of how			answer in a text box	Student can:	
implementation	e.g. Evaluate data and make a decision on a course of action such after sorting toys into categories play with toys that they like. Engage with information known people have shared in an online environment, and model strategies to stay safe online e.g. Follow school online policies when participating and engaging in safe online environments.					Cybersafety	browser	go to a website.	to use the internet safely with adult assistance.			ICT Skill 3: Read the screen and navigate web pages	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.	
Creating Solutions by:		T1	T2	Т3	T4	Using Software	Painting program - drawing using	Word processor - Write letters and numbers					Student can: drag an object and drop it in correct place.	
Investigating and defining	Explore needs for design						mouse, use shapes, brushes, changing colours.	using keyboard				ICT Skill 4: Manipulate objects on screen	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.	
Designing	Generate and record design ideas through describing, drawing, modelling and/or a sequence of written or spoken steps											ICT Skill 5: Read, comprehend and manipulate digital texts	Student can: connect visual cues to images with ideas.	
Producing and implementing	Use given components and equipment to safely make simple solutions											ICT Skill 6: Plan and compose text using keyboarding and word processing	Student can: type using all characters on a keyboard.	
Evaluating	Use personal preferences to evaluate the success of simple solutions											ICT Skill 7: Listen using a headset	Student can: listen to a word via a headset; -sound it outpicture it in their mind -open and close an audio item or stimulus from the toolbar	
Collaborating and managing	Works with others, or independently, when creating designs													