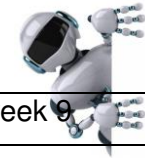




Coding and Robotics Foundation Phase Lesson Plans



1.	School Name			Educator Name				Term	Term 3, week 9		
	Topic	Application skills		Grade		R		Start Date (ATP Coverage)			
2	Specific Aims	Tick	✓	Tick	✓	Tick	✓				
		aesthetic, creative skills and cognitive development knowledge through engaging in music and visual art activities		knowledge of digital and ICT skills supported by the technological process and computational thinking skills		understanding of the relationship between people and the environment awareness of social relationships, and elementary science.					
	Computational Thinking	Decomposition		Pattern Recognition		Algorithm Design		Abstraction			
	Technological process	Investigate		Design		Make	✓	Evaluate		Communicate	
3	Learning Objectives	The following Application Skills Concepts introduced: <ul style="list-style-type: none"> Use an Application on a Digital devices to sort objects according to: <ul style="list-style-type: none"> colour 									
		Hardware includes physical parts of the computer which you can see and touch like the tower and screen Software is a collection of instructions and data which tells the computer how to work									
	Resources	Policy document – Page 35 MAKE 5 – Book 10 - Grey book Page: 2- 5 Activity: <ul style="list-style-type: none"> Let's sing- Holly jolly Christmas Let's think- How can we write a code for our glittering decorations and Christmas carols? Let's make- Let's make some Christmas decorations. Let's make our Christmas decorations with flashy lights and carols. Cubroid Kit Smart phones, tablets Cards with pictures of hardware devices									
	EAC / New Words	Computer system, hardware, software, information processing cycle (input, processing, output, storage)									
	Pre-Knowledge /Integration	Knowledge of interaction with phones form home Questions can be asked to learners to establish baseline and/or different levels of learner knowledge and skills									



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		Worked with Cubroid app	
4	Educator Activity (period 1 = 60 min)	Complete and demonstrate the activity as per ATP, in Cubroid Make 2 Examples that can be used in class: <ul style="list-style-type: none"> Recognise and sort objects according to colour on the screen of a digital device Interact with the digital device. 	
	Learners Activity	MAKE 5 – Book 10 - Grey book Page: 2- 5 Activity: <ul style="list-style-type: none"> Let's sing- Holly jolly Christmas Let's think- How can we write a code for our glittering decorations and Christmas carols? Let's make- Let's make some Christmas decorations. Let's make our Christmas decorations with flashy lights and carols. 	
	Assessment	Formal: _____	Informal: _____
5	Lesson Reflexion		Date of Completion
			Educator Signature



Name _____

Find the power button on the laptop.





Name_____

Find the word icon on the laptop.



What colour is the icon?