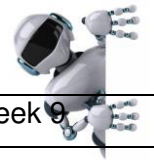
basic education
Department:
Basic Education

Coding and Robotics Foundation Phase Lesson Plans



1.	**School Name**			Educator Name			**Term**	Term 2, 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: • Continue working on a digital device. • Move an object to a certain position in an Application (drag and drop).										
		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 work										
	Resources	Policy document – Page 35 **MAKE 2** – Book 5 - Green book **Page**: 12-15 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 Worked with Cubroid app										
4	**Educator Activity (period 1 = 60 min)**	Complete and demonstrate the activity as per ATP, in Cubroid Make 2										
	Learners Activity	**Activity 1:**										

		MAKE 2 – Book 5 - Green book **Page**: 12-15 **Activity:** • Let's sing- Let's go fishing **Activity 2:** **MAKE 2** – Book 5 - Green book **Page**: 12-15 **Activity:** • Let's think- How can you tell if there is light or not? **Activity 3:** **MAKE 2** – Book 5 - Green book **Page**: 12-15 **Activity:** • Let's make- Let's draw some beautiful pictures of different colours **Activity 4:** **MAKE 2** – Book 5 - Green book **Page**: 12-15 **Activity:** • Let's make various colours and shapes with the LED block and Master block		
	Assessment	Formal: _____	Informal: _____	
5	**Lesson Reflexion**		**Date of Completion**	
			Educator Signature	