

Kookaberry Apps					
App ID	App	Peripherals	Description	Last Modified	MP Version
KAP001	ListenLog		Teacher's app that listens for radio messages and writes them to a file	17/3/2019	1.10
KAP002	CountMe	Keyboard (P4)	This is a totaliser program which counts key presses on an attached keyboard	16/3/2019	1.10
KAP003	BalanceMe	Buzzer (P2)	Egg and Spoon emulator for Balance lesson with logging to a CSV file	1/9/2019	1.9.4
KAP004	Move Music	Loudspeaker (P4), Touch Sensor (P5)	Plays C Major Scale musical notes using gestures tracked by the accelerometer.	6/11/2019	1.9.4
KAP005	WeatherHere	DHT11 (P2) Anemometer (P4)	A local weather station reading temperature, absolute humidity and wind speed	5/1/2019	1.9.4
KAP006	LightMe	Light Sensor (P4) LED (P2)	Ambient light meter, lamp controller and datalogger	5/1/2029	1.9.4
KAP007	SenseMe	Motion Det (P5) Light Sens (P4) LED (P2)	Motion sensor and ambient light controller with datalogger	5/1/2019	1.9.4
			TBA		
KAP009	WaterMe	Soil Moisture (P4) Pump (P2)	Measures soil moisture and controls a pump to deliver water if dry	5/1/2019	1.9.4
KAP010	KookaTime TX KookaTime RX	DS3231 RTC (P3)	Sets and shares real time via Radio	31/12/2018	1.9.4
KAP011	Rock, Paper, Scissors		Play Rock Paper Scissors against the Kookaberry	19/9/2018	1.9.4
KAP012	Logic	Various digital Input (P4,5) and Output (P2)	Implements a selection of logic gates between digital inputs and a digital output	7/1/2019	1.9.4
KAP013	Analogue	Rotation Potentiometer Input (P4), Analogue Output (P2), Servo (P1)	- Demonstration of filling a tank (%) with proportional analogue control. - Demonstration of moving a servo (degrees) with proportional analogue control. - Option to connect real analogue peripherals	9/1/2019	1.9.4
			TBA		
KAP015	Binary Numbers		A decimal to binary number conversion demonstration and puzzle setter	8/1/2019	
KAP016	Compass		Compass with calibration using the Kookaberry's inbuilt magnetometer	16/3/2019	1.10
KAP017	Fractions101		Displays proper fractions and compares their relative sizes and adds/subtracts them	24/2/2019	1.10
KAP018	Metronome	Touch Sens (P1) Loudspeaker (P2)	A simulated metronome for providing music tempo	27/4/0109	1.10
KAP019	Music Demo	Loudspeaker (P2)	Plays a selection of musical tunes from micro:bit music library	8/2/2019	1.10
KAP020	Pulse	Heart Rate Sensor (P4)	Measures and displays a pulse waveform using a Heart Rate Sensor	3/3/2019	1.9.4
KAP022	Semaphore	Buzzer (P2)	Sends and receives one of three signals over the radio: a wave, a like, and a digital output	11/3/2019	1.10

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KAP023	WarmMe2	Thermistor (P5) Heater (P2)	Measure temperature using a NTC thermistor probe. Thermostat to control a heat source	12/1/2019	1.9.4
KAP024	CloseToMe	Ultrasonic Sensor (P4), LED (P2)	Reads an analogue ultrasonic proximity sensor and displaying GO/SLOW/STOP. A threshold distance for stop can be adjusted with the C and D buttons. An output signal is activated when it is safe to proceed. The Green, Orange, and Red LEDs are used as a traffic light.	24/7/2019	1.10
	RTTLMusicDemo	Loudspeaker (P2)	Plays tunes from the Nokia ringtone library	20/6/2019	1.10
	WaterText		Displays "Water Me!" in large font and then "Thank You" for 3 secs on exit.	5/8/2019	1.10
	Log Accel		Measures and logs the changes in acceleration along the three x, y, and z axis at 20 ms intervals for a variable length of time set by the C and D buttons. The values are written to a .csv file in the serial memory and can be accessed by a PC through the USB connection.	5/7/2018	
	K Vitals		Reads the critical parameters of the Kookaberry plus the radio signal strength	25/11/2018	1.9.4
	LED Cycle		Example only. Cycles LED's on front of board	5/7/2018	
	Stopwatch		Measures duration of an event. Normal stopwatch functions	5/7/2018	