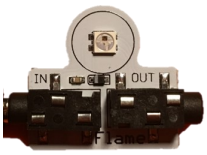
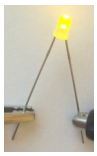
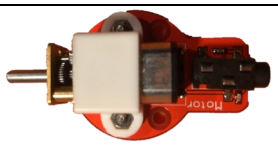
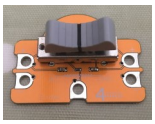
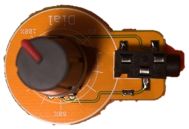
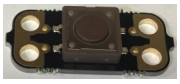
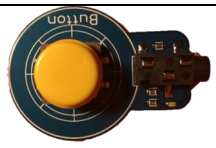
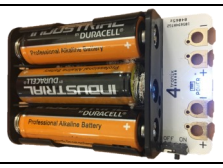
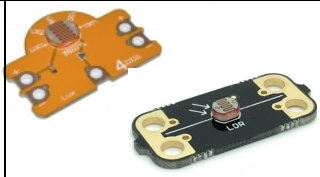
INPUTS & OUTPUTS WE CAN USE

Name	Crocodile Clip (Crumble Classic)	Headphone (Playground)	Notes
Programmable Light Sparkle Flame OUTPUT			Outputs a full range of colours. RED 0-255 GREEN 0-255 BLUE 0-255
LED Light OUTPUT		Various Colours	ON HI OFF LO
Motor OUTPUT			OUTPUTS FORWARD OR REVERSE POWER 0-100
Stepper (Servo) Motor OUTPUT			Program movement between 0-90 degrees.
Dial & Slider INPUT			Can be used to change an OUTPUT that uses a range of numbers < > =
Traffic Lights OUTPUT			RED GREEN AMBER ON HI OFF LO
Buzzer OUTPUT			ON HI OFF LO
Distance Sensor INPUT		It won't always detect cloth objects. Detects between 2cm and 400cm	INPUTS 0-255 < > =
PIR Sensor INPUT		Often used as motion detectors in house security systems.	INPUTS 0-255 < > =
Push Button INPUT			INPUTS PRESSED HI NOT PRESSED LO

Name	Crocodile Clip (Crumble Classic)	Headphone (Playground)	Notes
Battery Pack		Battery Pack is built in on the reverse side	
Geared Motors OUTPUT			OUTPUTS FORWARD OR REVERSE POWER 0-100%
Light Dependant Resistor INPUT			INPUTS 0-255 < > = (0= DARK 255 = LIGHT)
0-99 Number Counter OUTPUT		This shows 0-99 takes information from MOTOR Output or any INPUT that inputs range of numbers	OUTPUTS 0-99 FROM INPUT OR MOTOR OUTPUT
PIEZO BUZZER OUTPUT		Outputs different sound pitch if plugged into motor output	OUTPUTS 0-100