	Block Function	Icon Block	Block Function	Word Block
	When program starts		When program starts	when program starts
	Color Sensor Block		When color is	A when color is
cks	Tilt Sensor Block		When tilted	when tilted •
Event Blocks	Loudness Block	20	Volume	Would need to be used with other blocks. when volume > 20
	Receive Message Block	Message options are colors and limited	Receive Message	when I receive message1 Message options are user decided text and unlimited.
	Send Message Block		Broadcast Message (Same as send message)	broadcast message1



	Block Function	Icon Block	Block Function	Word Block
	Motor Speed Block		Set motor speed	A set speed to 75 %
Blocks	Run Motor Counterclo ckwise		Run Motor for Duration (shown as counterclock- wise for 1 rotation)	A → run 🤼 → for 1 rotations →
Motor Blocks	Run Motor Clockwise		Run Motor for Duration (shown as clockwise for 1 rotation)	A v run C v for 1 rotations v
	Stop Motor		Stop motor	A v stop motor
Movement Blocks	Movement Bl found in the Icon Block	+		
	Movement Speed Block		Set Movement Speed Block	set movement speed to 50 %
	Move Forward Block		Move for Duration Use drop- down to change	move ↑ • for 10 rotations •
Σ	Move Backwards Block		direction	



	Block Function	Icon Block	Block Function	Word Block
Movement Blocks	Turn Counter- clockwise Block		Move with Steering for Duration Use drop- down to	move right: 30 for 10 rotations
	Turn Clockwise Block		change direction	- right: 30 +
2	Stop Moving Block		Stop Moving	stop moving
	Block Function	Icon Block	Block Function	Block Function
Light Blocks	3 x 3 Light Block		Turn on 3 x 3 Color Matrix (Same as 3 x 3 Light Matrix)	A turn on
Light	Random 3 x 3 Light Block			lom 3 X 3 Light block available in word blocks; you create this function with other available locks.



	Block Function	Icon Block	Block Function	Block Function
Sound Blocks	Animal Sound Block		Play sound until done (use drop down arrow	play sound Cat Meow 1 → until done
	Sound Effect Block		to select different animal sounds, sound effects or music)	
	Music Block			
S	Record Sound Block		Play sound until done (Use drop down to select "record" to record a sound)	play sound Cat Meow 1 vuntil done Add sound record edit sounds
	Display block the extensio blocks	n for icon	Display blocks a blocks	are found in the extension for word
Blocks	Display Text Block	Aa He	Write on Display	write Hello
Display Blo	Display Image Block		Set Image on Display	set image to Beach ▼
	Full-Screen Display Block	TO SERVICE SER	Show Display Fullscreen/ Window	show display Fullscreen ▼



	Block		Block	
	Function	Icon Block	Function	Word Block
	Wait Block	1	Wait for seconds	wait 1 seconds
	Repeat Loop		Repeat Loop	repeat 10
Control Blocks	Forever Loop		Forever Loop	forever
Conti	Stop Block		Stop (use drop down to select all, just the stack, or exit program)	all this stack and exit program
	Bar Graphs a extension for	re found in the option blocks	Bar Graphs are f	found in the extension for word blocks
locks	Add 1 to Bar Graph Block	*****	Change Bar Value by	change bar value by 1
Bar Graph Blocks	Clear Bar Graph Block		Clear Bar Graph	clear bar graph
Bar 6	Full-screen Bar Graph Block		Show Bar Graph Full Screen	show bar graph Fullscreen •

