

Roboblog



Ideas worth making

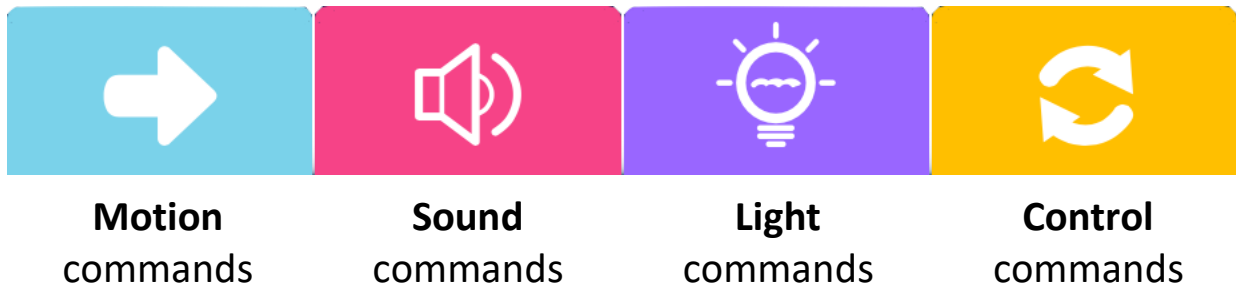
Primary programming guide



Produced by Ian Smith of [STEMgoals](#)

Welcome!

There are 4 sets of commands in the Primary programming language, as shown below.



The following pages give further details of the commands within each set.

In addition, you should also be aware of the following symbols within the Primary programming language...



Start of program
(the first block of each program)



Run program



Pause program

1. Motion commands...



Drive forwards



Drive backwards



Turn left

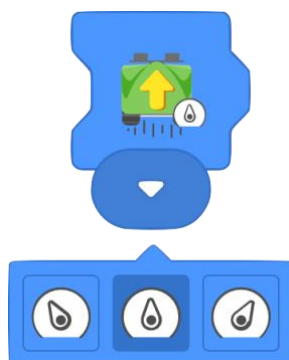


Turn right



Stop

Set driving speed...



Click the arrow to set the driving speed – slow, medium or fast.

2. Sound commands...

Play a tune...



“Flying Fireflies”



“Merry Christmas”



“Two Tigers”



“Little Star”

Play a note...



Do



Re



Mi



Fa



Sol



La








Si

Turn sound off...



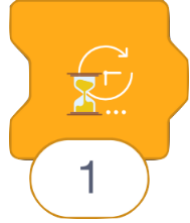
3. Light commands...

	Onboard lights RED		Ultrasonic lights RED
	Onboard lights BLUE		Ultrasonic lights BLUE
	Onboard lights GREEN		Ultrasonic lights GREEN
	Onboard lights YELLOW		Ultrasonic lights YELLOW
	Onboard lights OFF		Ultrasonic lights OFF
	Onboard lights WHITE		Ultrasonic lights WHITE



Note – this number must be set to the port number the ultrasonic sensor is connected to.

4. Control commands...



Wait ___ seconds



Repeat forever



Repeat ___ times