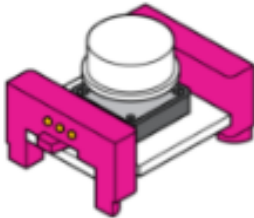


Bit

Challenge

13 BUTTON

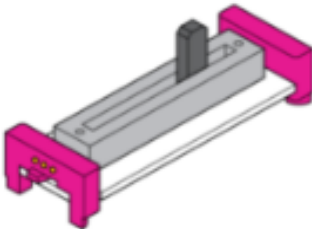


BUTTON

Can you invent a chair that makes noise when you sit down?



15 SLIDE DIMMER

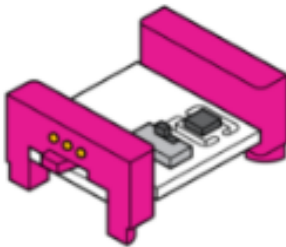


SLIDE DIMMER

Can you invent something with the slide dimmer that waves a flag back and forth? How could you change the speed it waves?

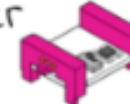


112 TEMPERATURE SENSOR

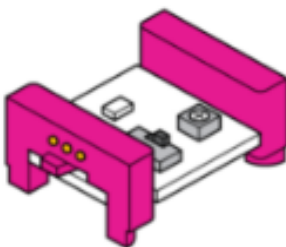


TEMPERATURE SENSOR

Can you invent a temperature-controlled gadget to beat the summer heat?



113 LIGHT SENSOR



LIGHT SENSOR

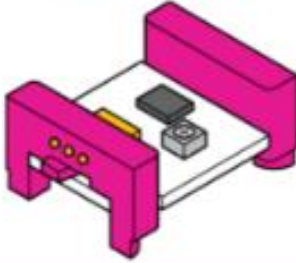
Can you invent something that moves when the lights go out?



Bit

Challenge

116 PULSE

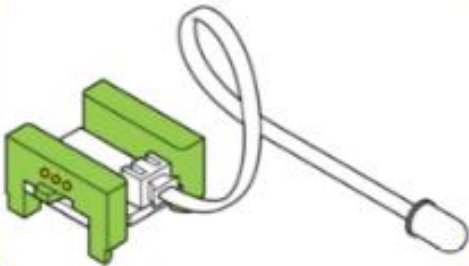


PULSE

Can you invent a warning signal with the pulse? How can you make the signal pulse faster or slower?



02 LONG LED



LONG LED

Can you invent a new wearable accessory using the long LED?



06 BUZZER

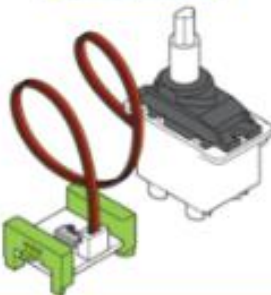


BUZZER

Can you invent a way to communicate with your friends using the buzzer?



011 SERVO



SERVO

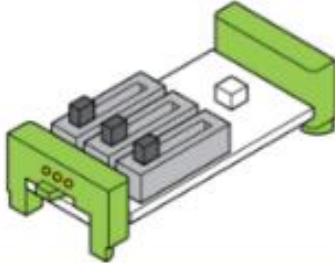
Can you invent a new wearable accessory using the long LED?



Bit

Challenge

o3 RGB LED

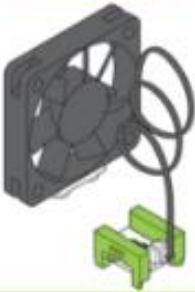


RGB LED

Can you invent a flashlight that uses your favorite color?



o13 FAN

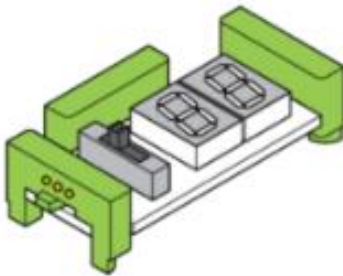


FAN

Can you invent something that uses the fan to move an object across the table?



o21 NUMBER

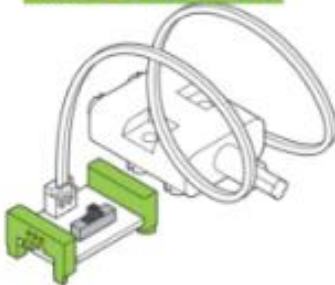


NUMBER

Can you invent a game that uses an automatic score counter?



o25 DC MOTOR



DC MOTOR

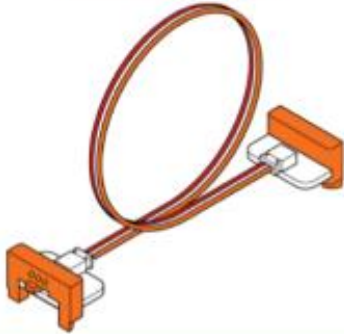
Can you invent something using the DC motor that travels across the table?



Bit

Challenge

w1 WIRE

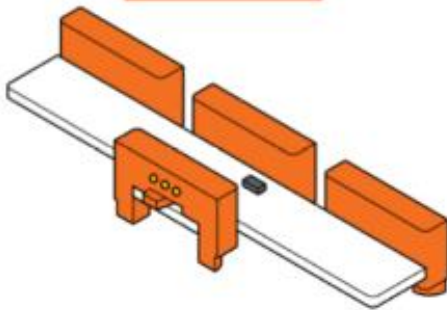


WIRE

Can you invent a circuit that uses the wire to shine the RGB LED on the light sensor?



w7 FORK

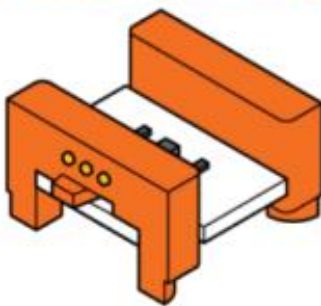


FORK

Can you invent a circuit where an input controls three outputs?



w10 INVERTER



INVERTER

Can you invent a circuit that uses the wire to shine the RGB LED on the light sensor?

