makeblock

HaloCode Standard Kit
Sample Project Guide

Create with the hook & loop strap

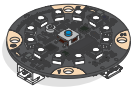
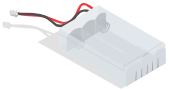
With the hook & loop strap, you can tie HaloCode to your wrist. And the LEDs and touch sensor on the HaloCode allow you to make a wearable device, like a pedometer.

Let's turn HaloCode into a wearable device.In this project, you'll learn to create a project using the hook & loop strap.

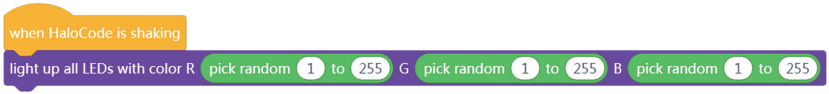
This is what you're gonna achieve: Wear HaloCode on your wrist. As programmed, the LEDs illuminate a random color when the motion sensor on HaloCode detects the motions of your hand.

See more wearable projects at:
http://docs.makeblock.com/halocode/

1 Find the materials you need.

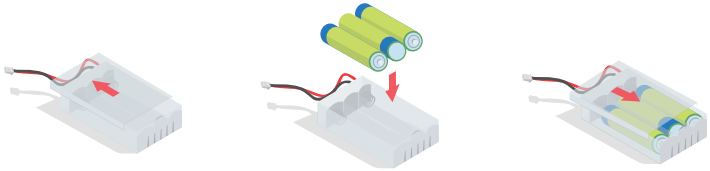



2 Write code and upload it to HaloCode.



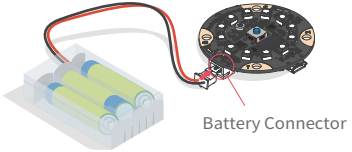
Note: Check **Quick Start Guide** to see detailed instructions on using mBlock.

3 Put the batteries into the battery holder.

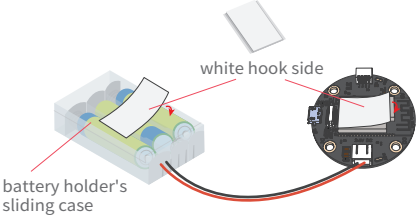


4 Wear HaloCode to your wrist as shown below (left hand as an example).

1. Connect the battery holder to HaloCode.

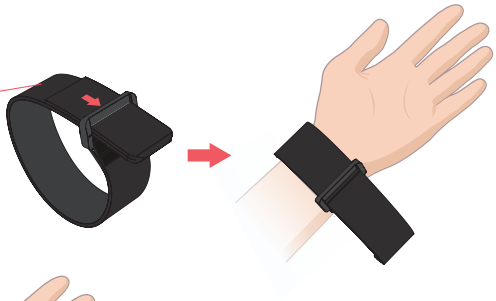


2. Attach hook & loop fasteners to the sliding case of the battery holder and the back of HaloCode.

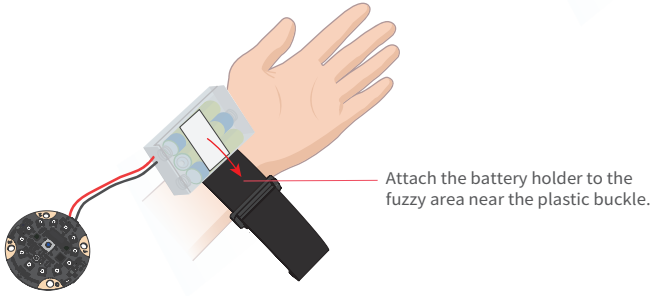


3

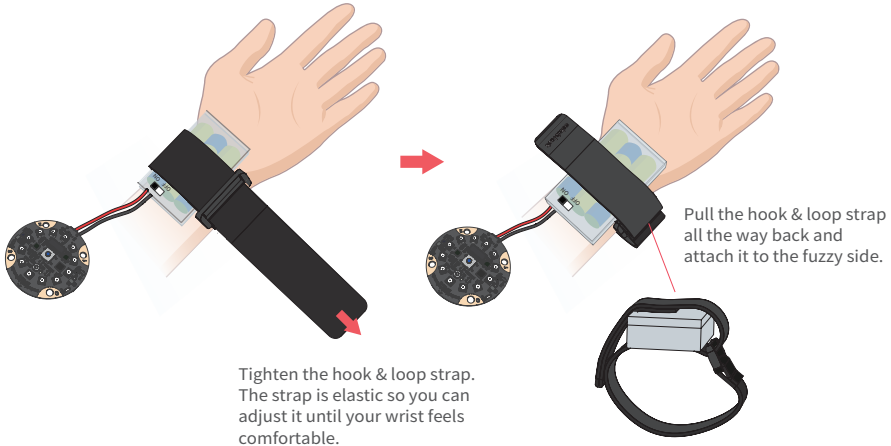
fuzzy side
smooth side


The fuzzy side
faces up.

4


Attach the battery holder to the
fuzzy area near the plastic buckle.

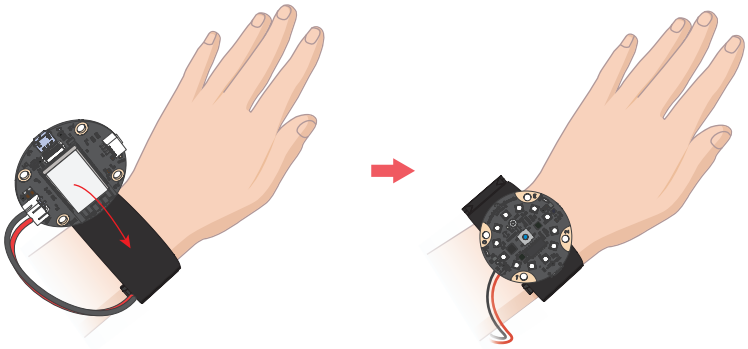
5



Tighten the hook & loop strap. The strap is elastic so you can adjust it until your wrist feels comfortable.

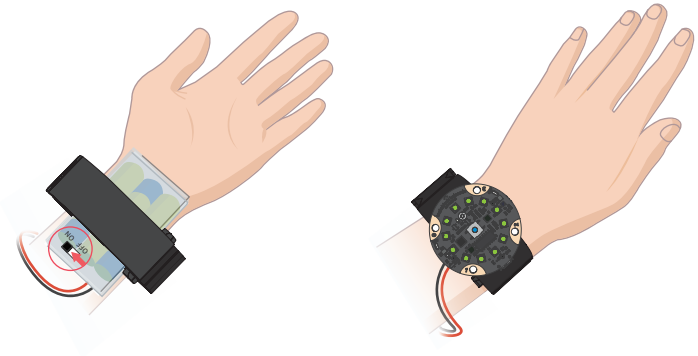
Pull the hook & loop strap all the way back and attach it to the fuzzy side.

6



Completed!

Now, turn on the battery switch. Shake your hand to see the LEDs turned on!



Now you know how to use the hook & loop strap. Use your imagination to create more fun projects.