

# ROBOTIC INVENTIONS

for the micro:bit

## CODING CARDS

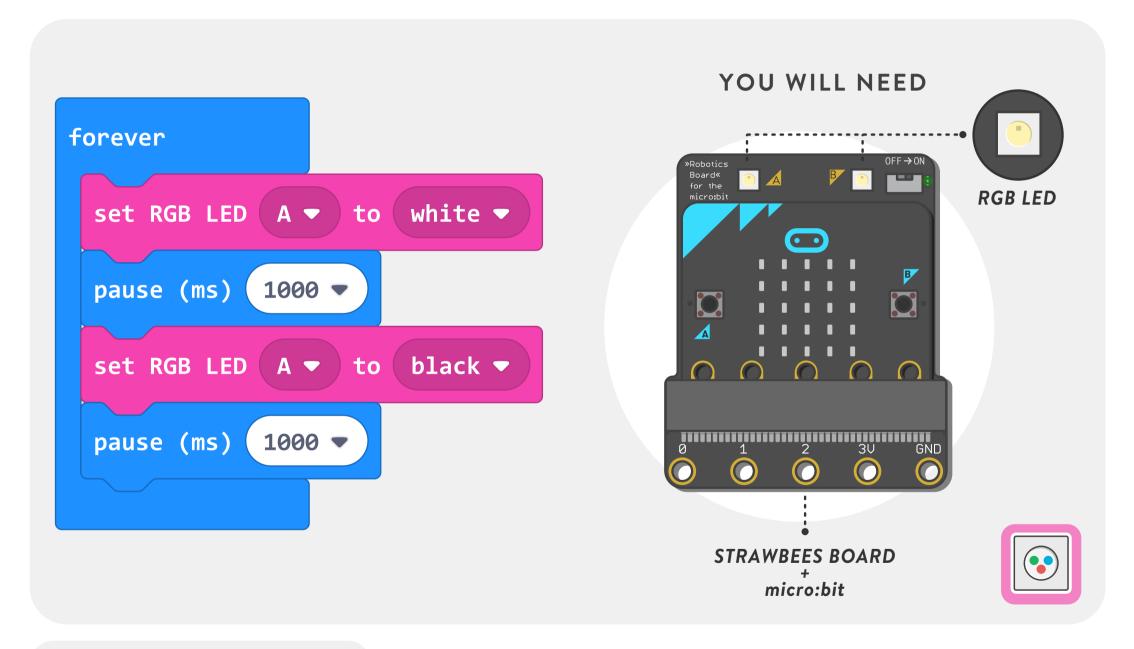




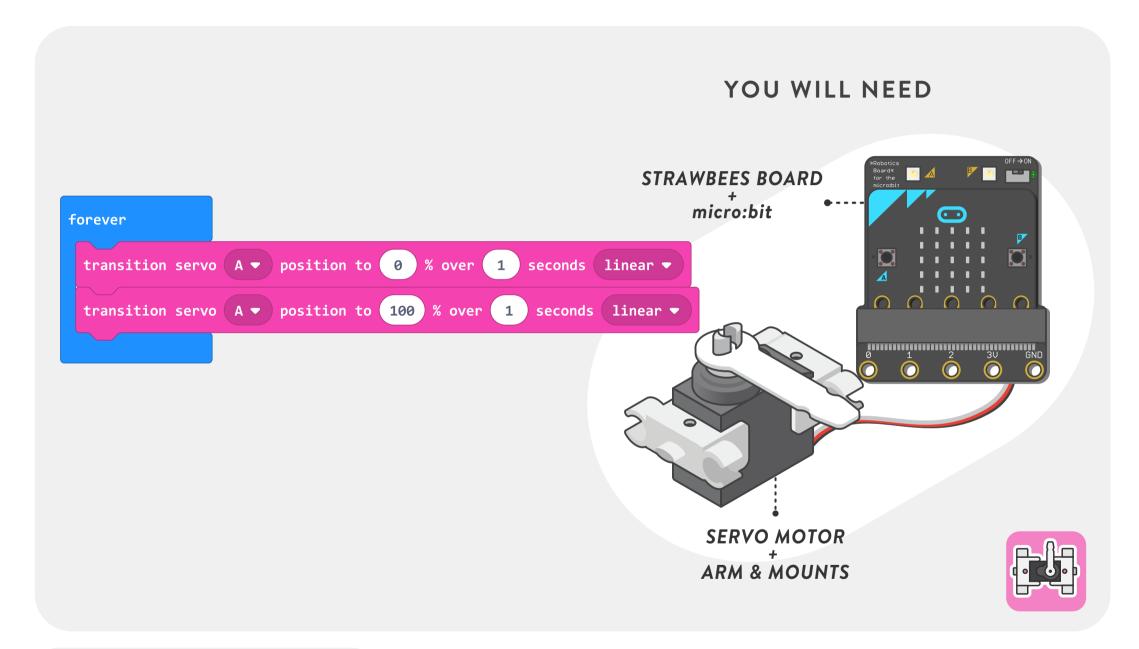
For activities, lesson plans and support material please go to:

learning.strawbees.com

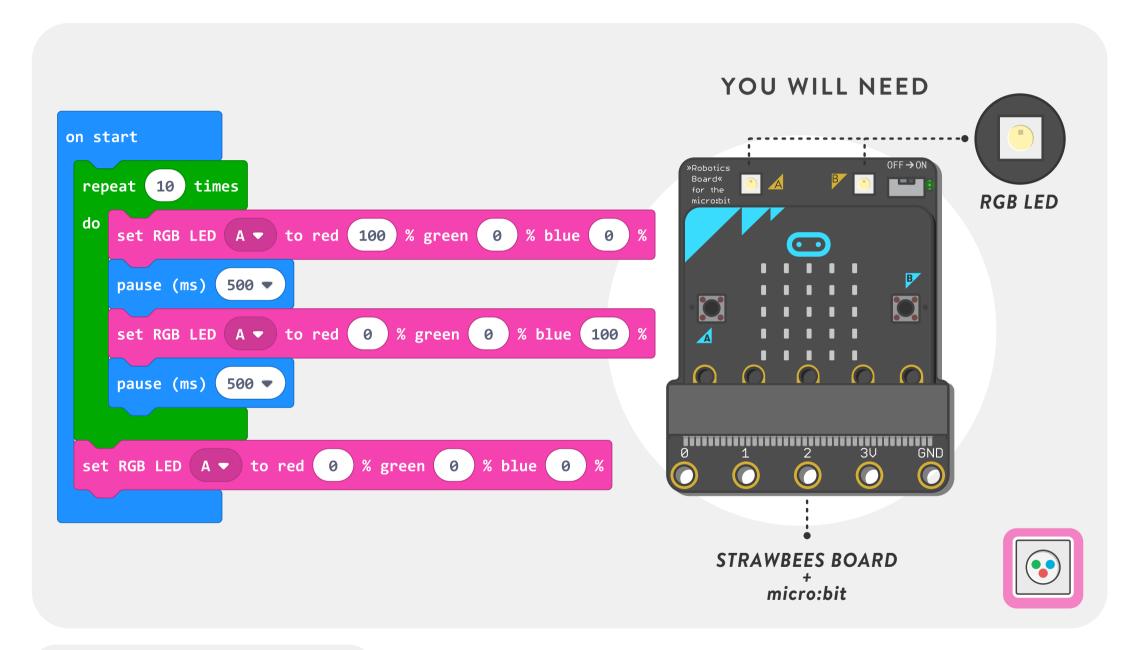




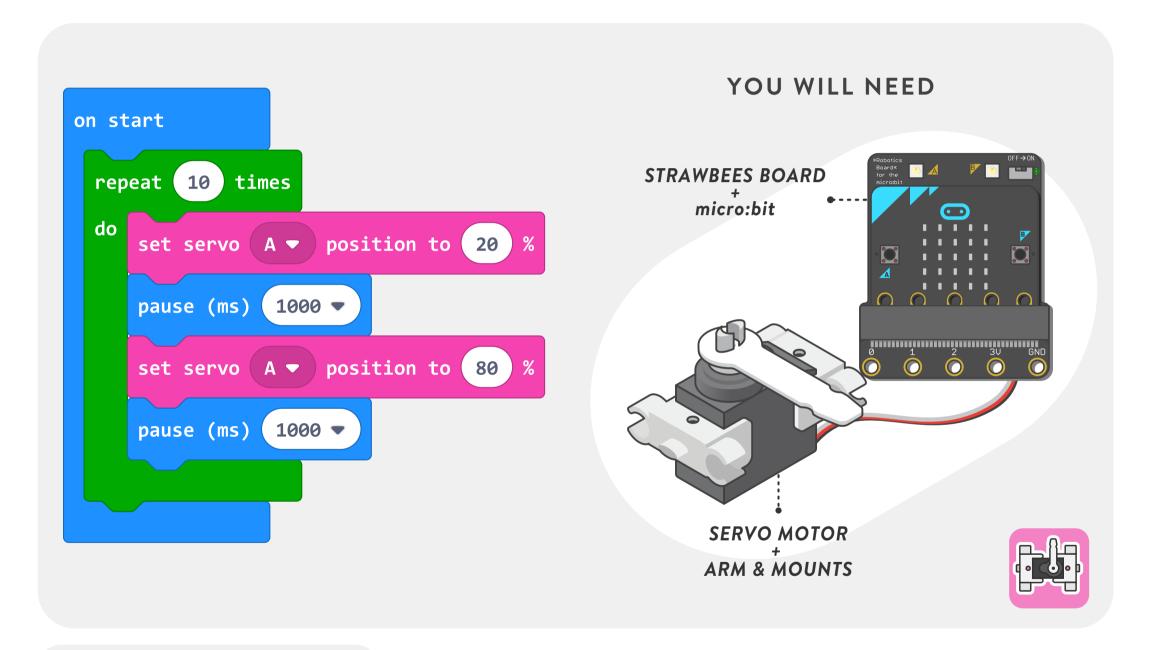




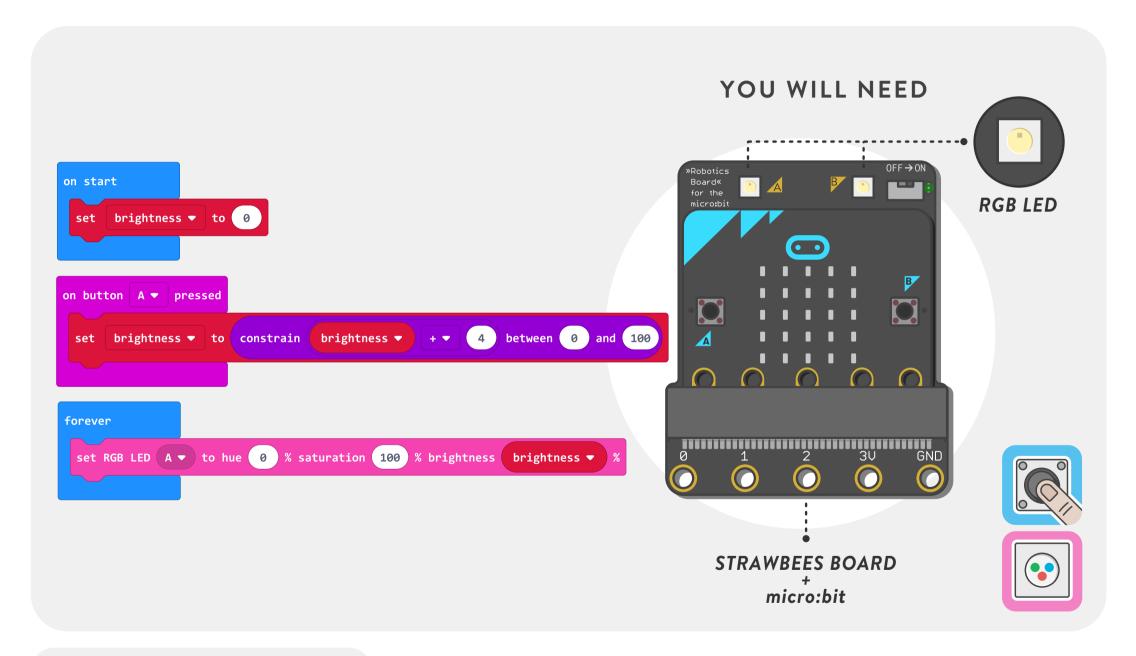
### **CHANGE COLOR 10 TIMES**



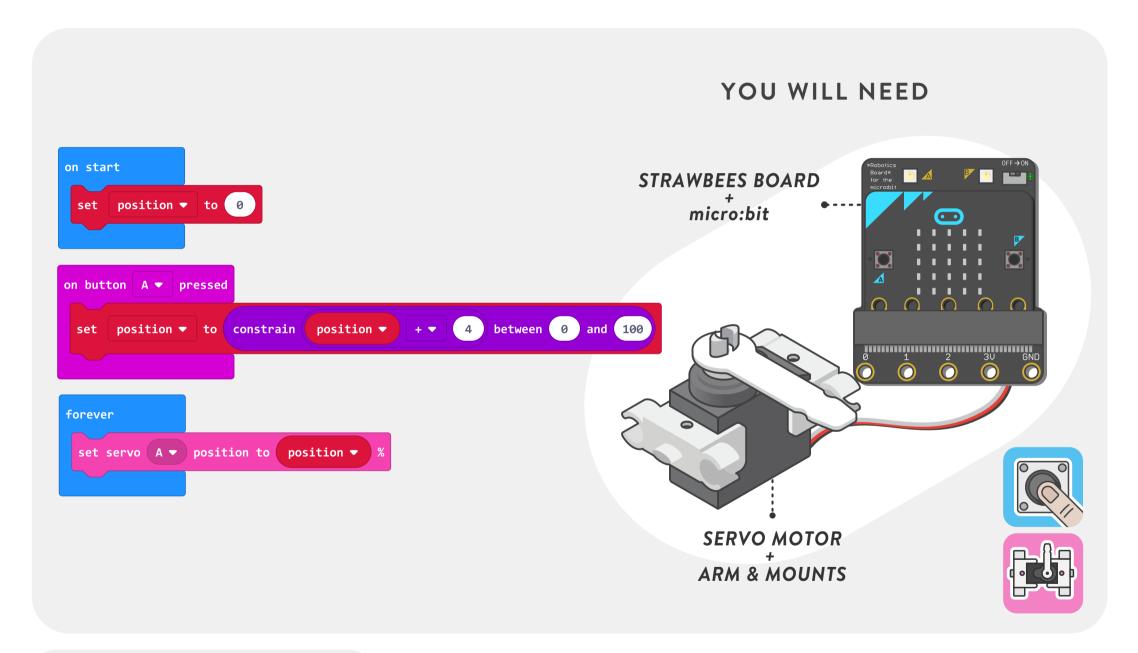
## **WAVE 10 TIMES**





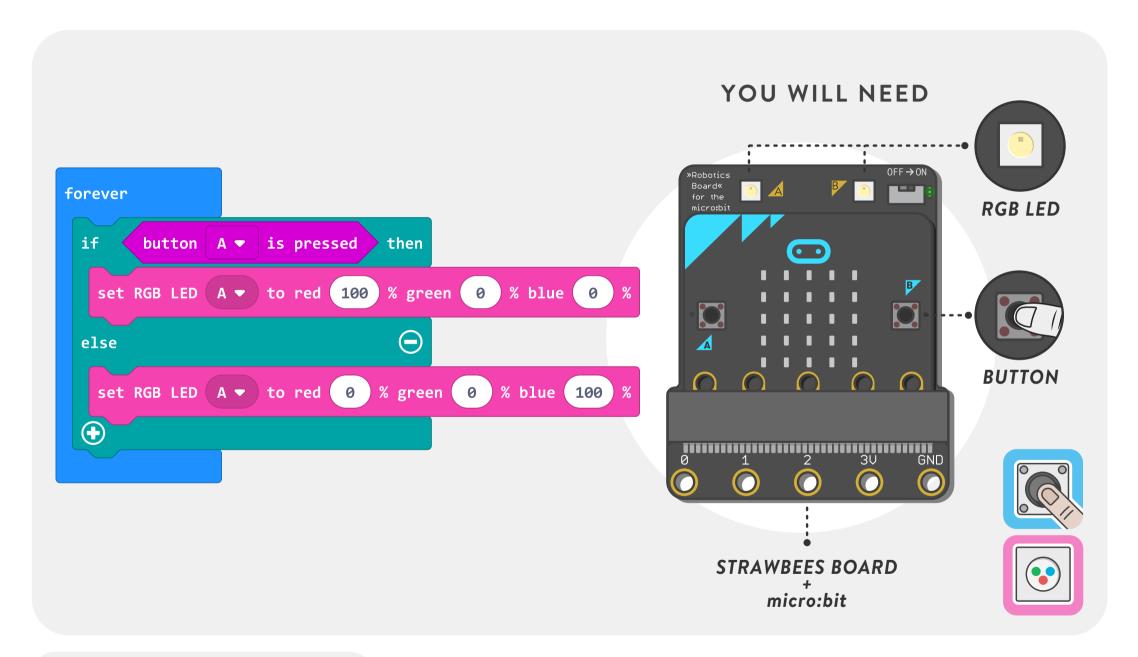






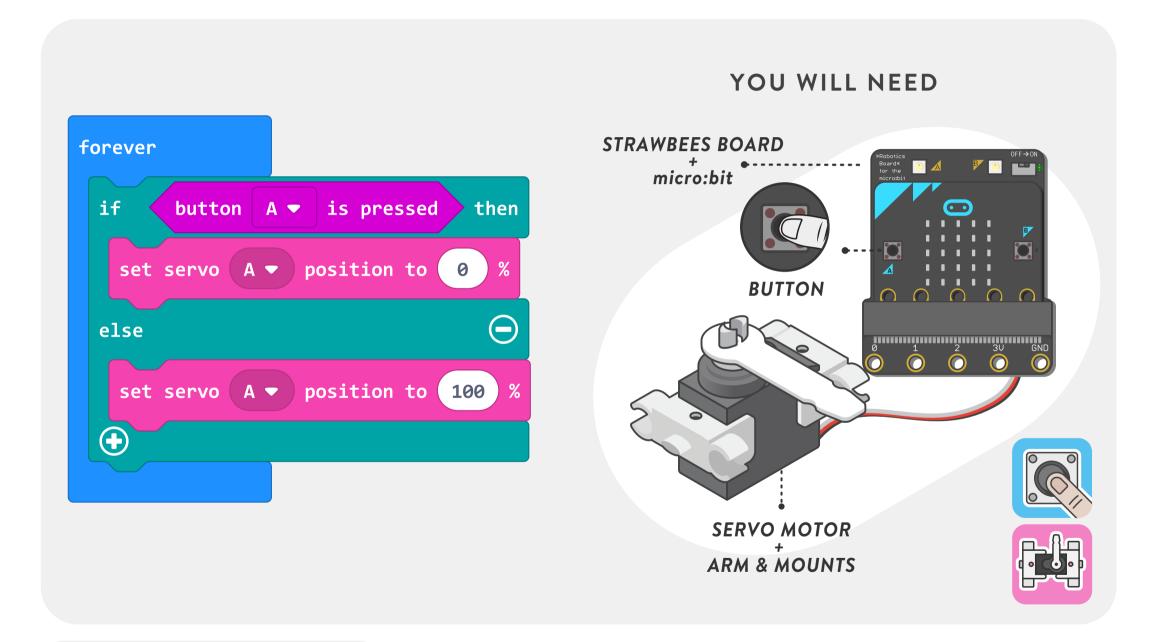


#### (CHANGE COLOR WHILE PRESSING BUTTON

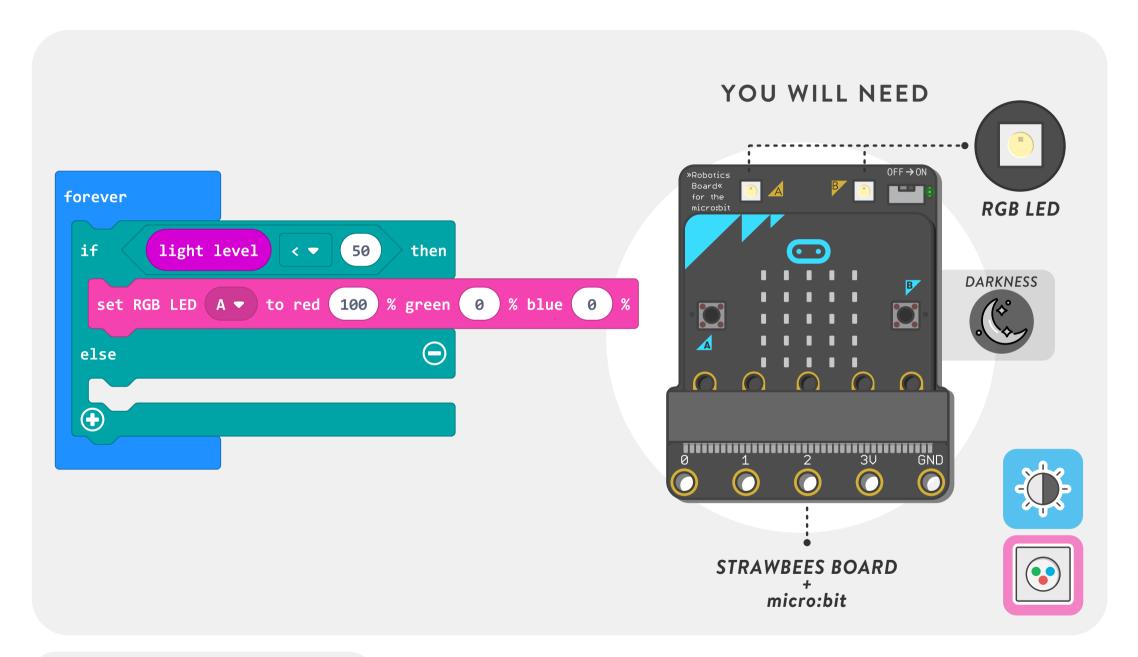




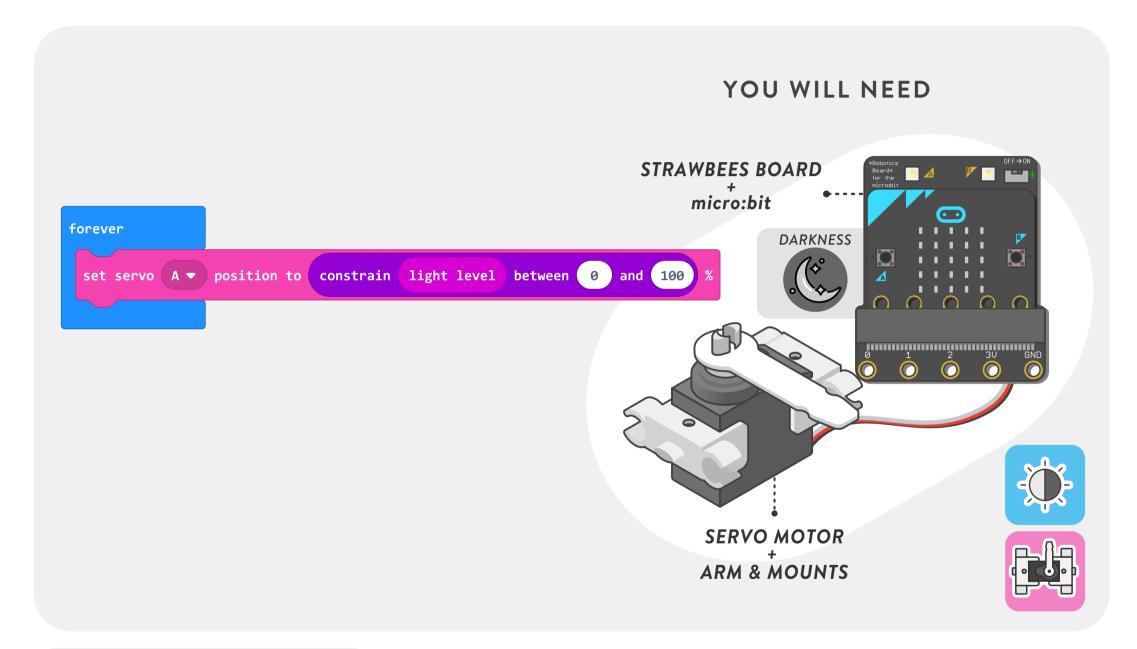
#### CHANGE POSITION WHILE PRESSING BUTTON



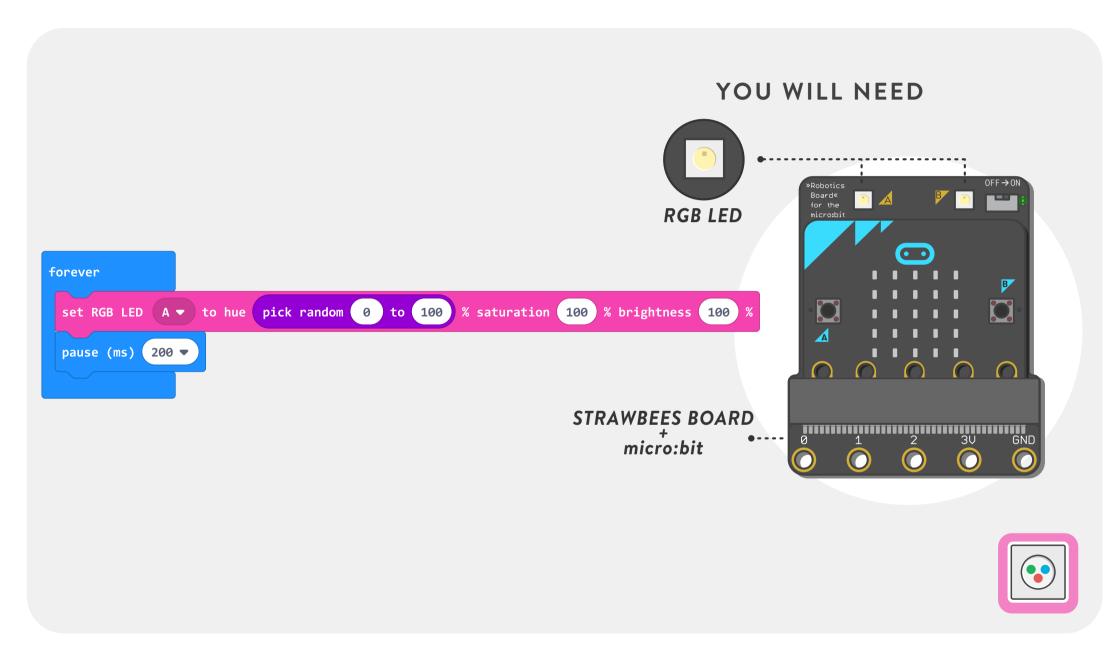
## SHINE IN THE DARK



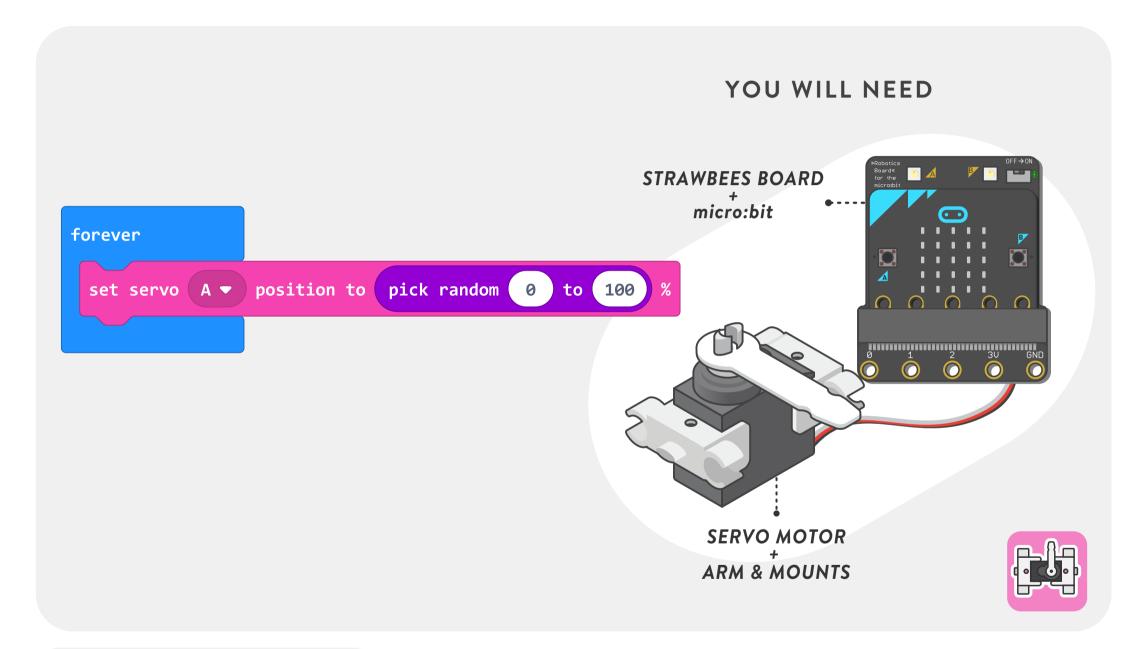




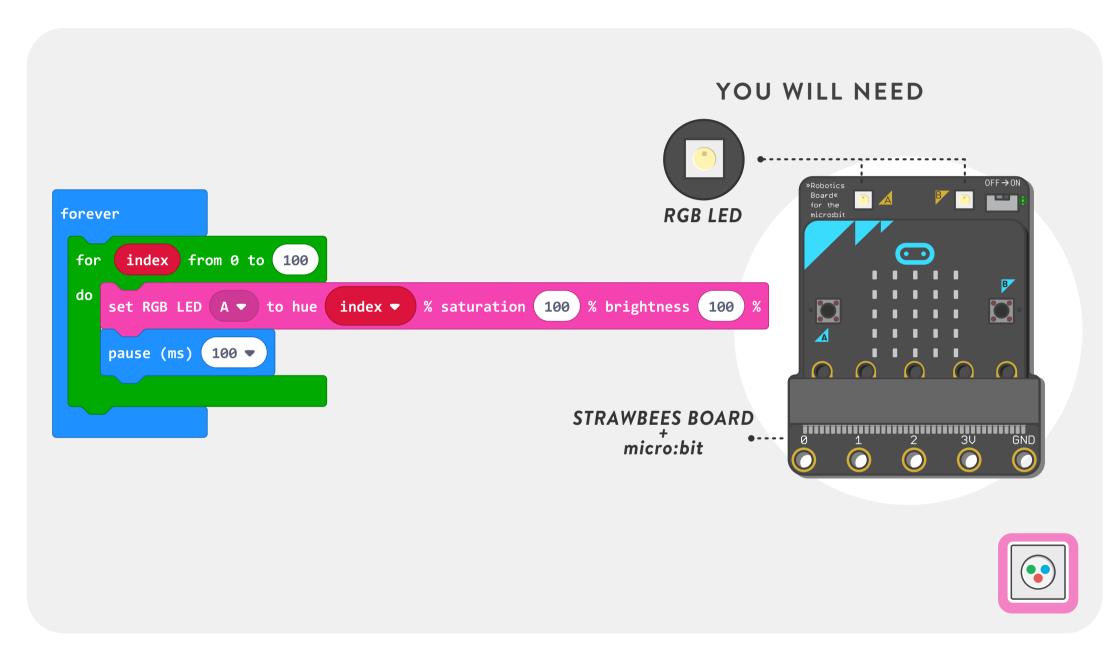




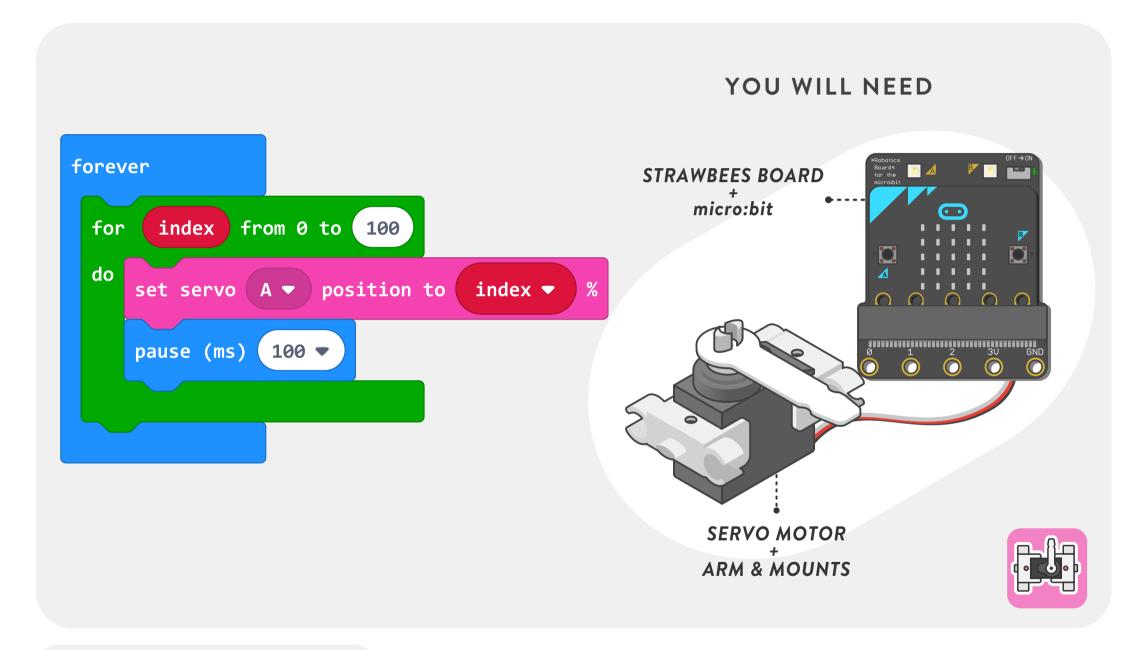






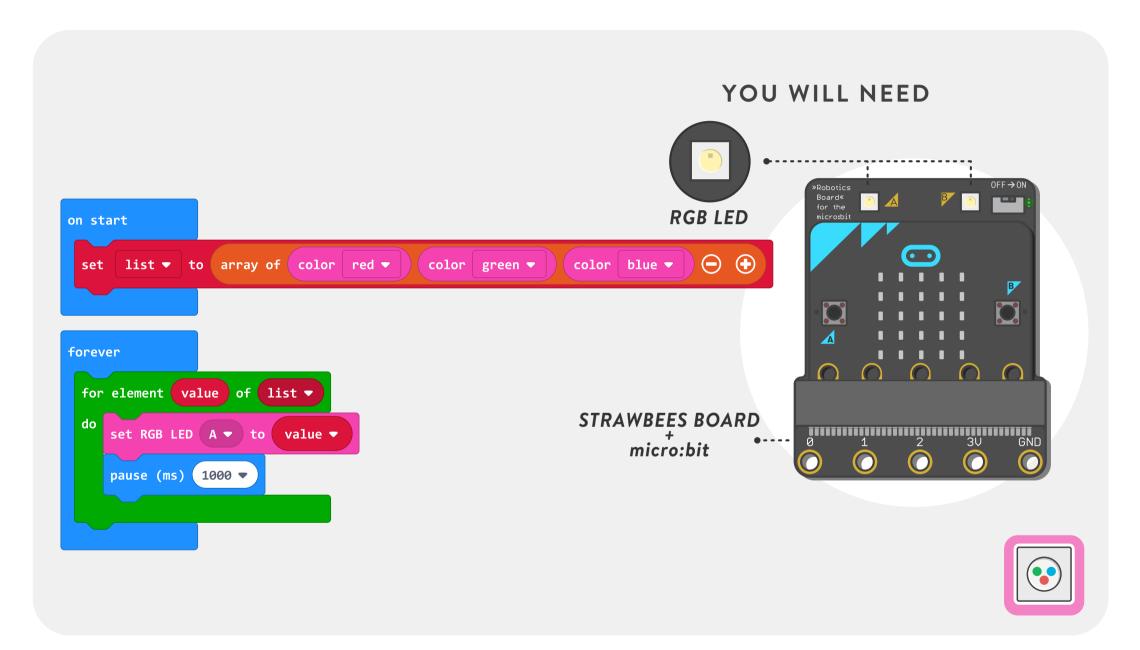






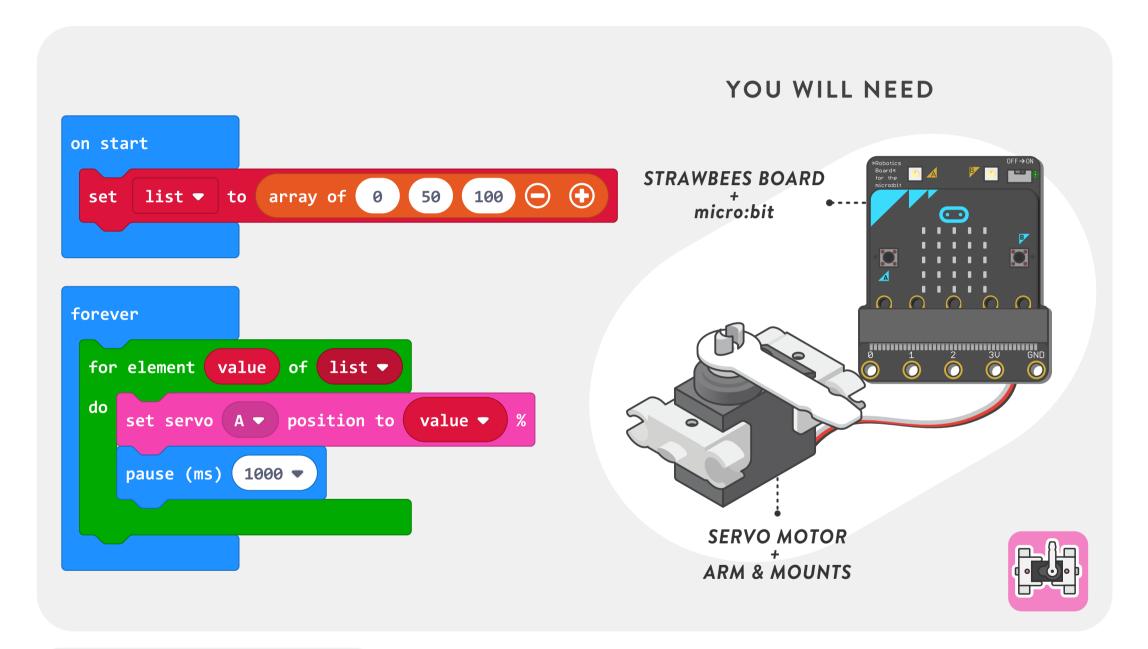


#### LOOP OVER A LIST OF COLORS

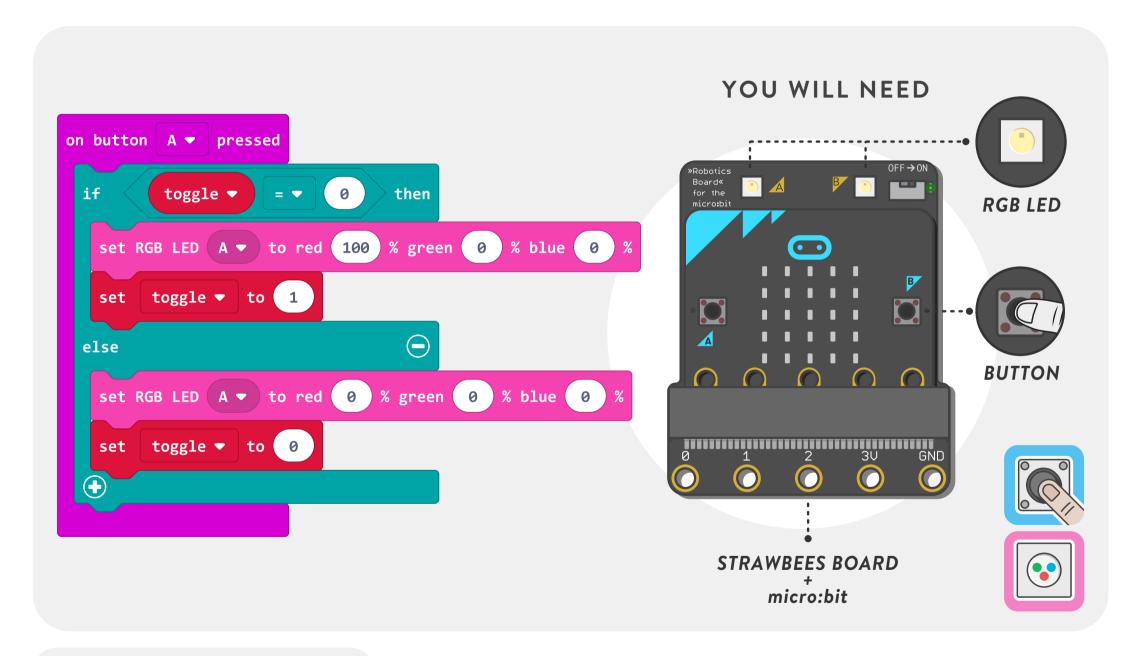




#### LOOP OVER A LIST OF POSITIONS

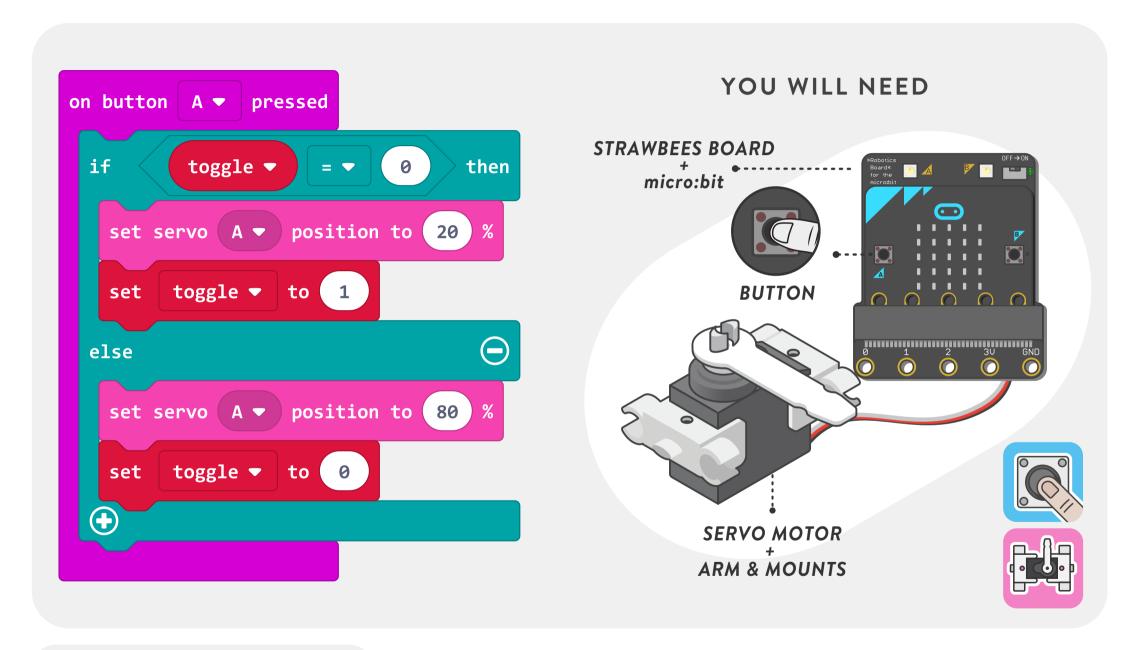


## **LIGHT SWITCH**

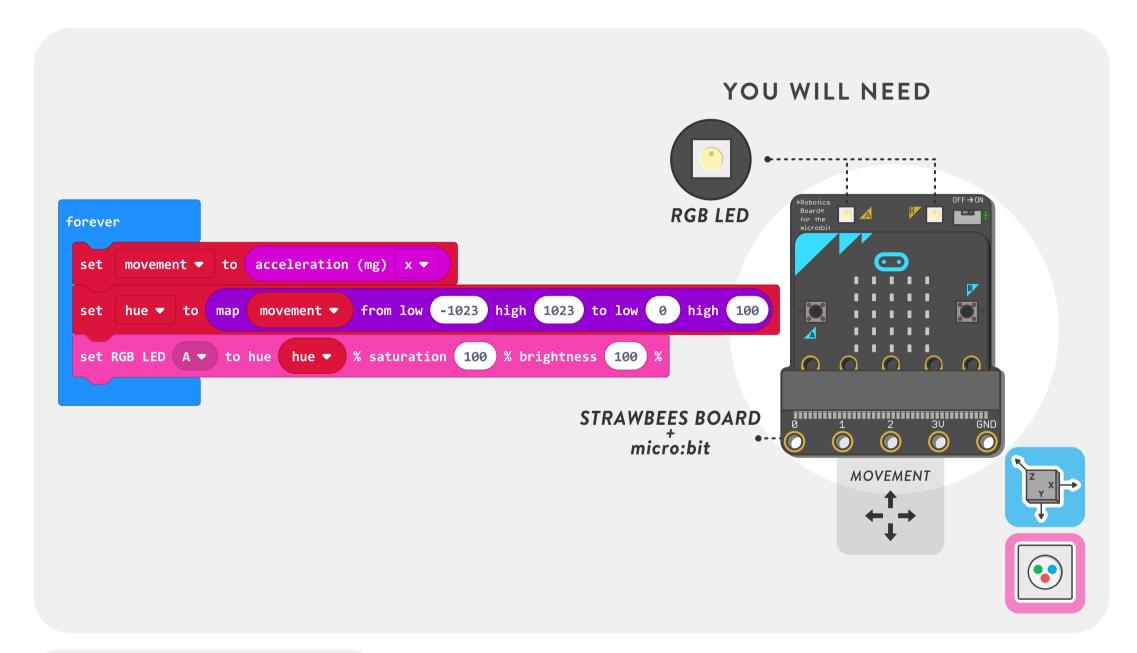




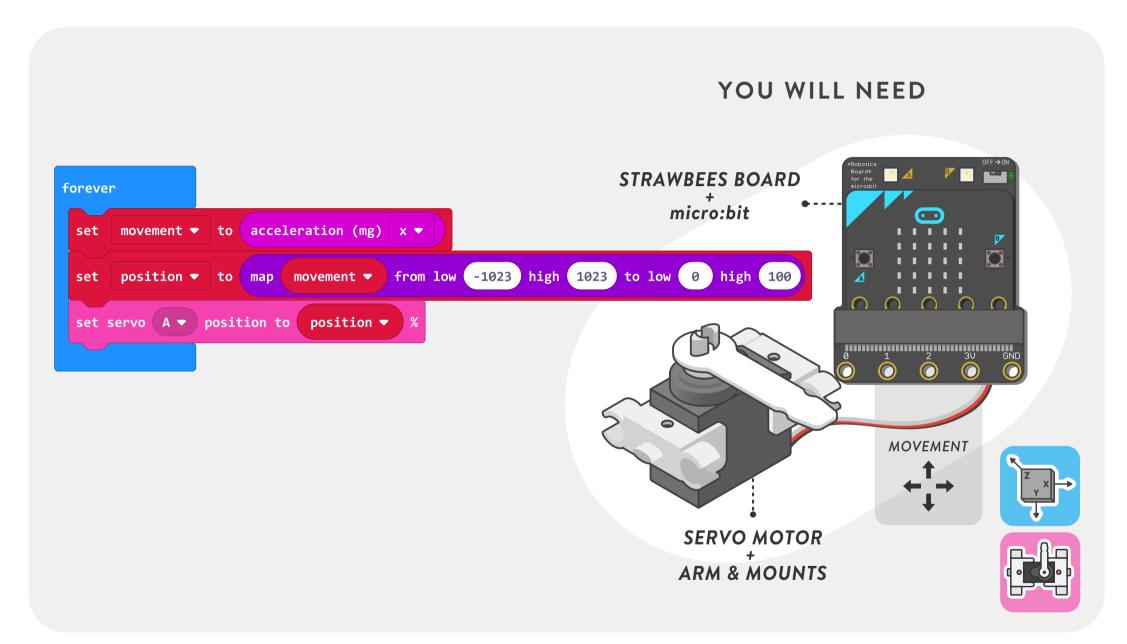
#### PRESS BUTTON TO TOGGLE POSITION



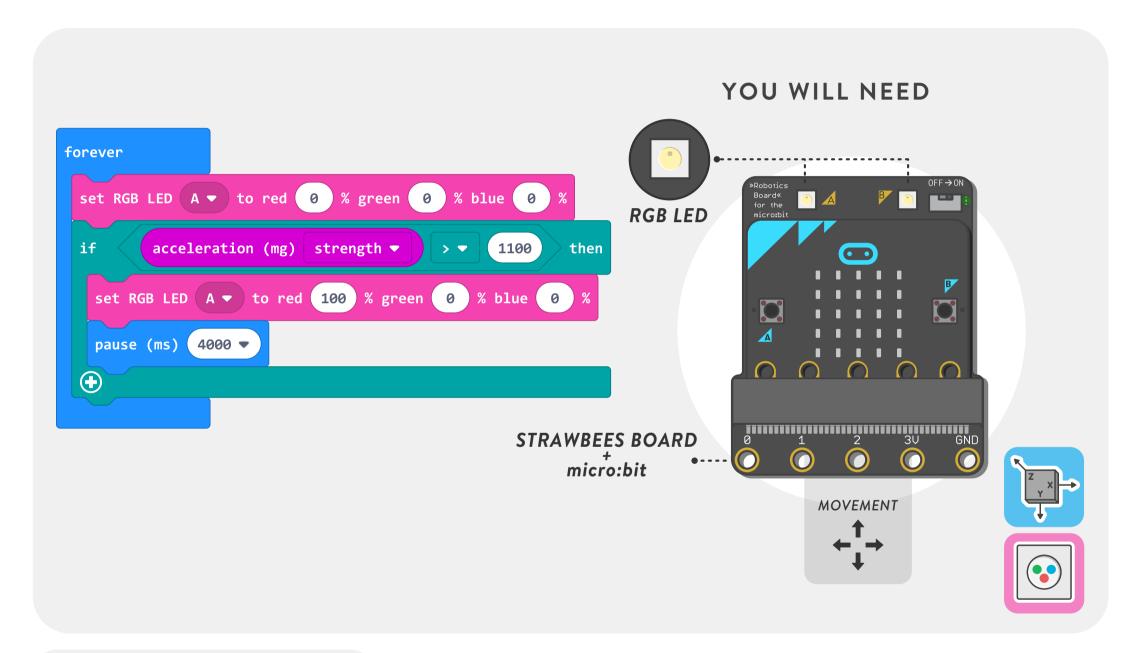
## TILT TO CHANGE COLOR



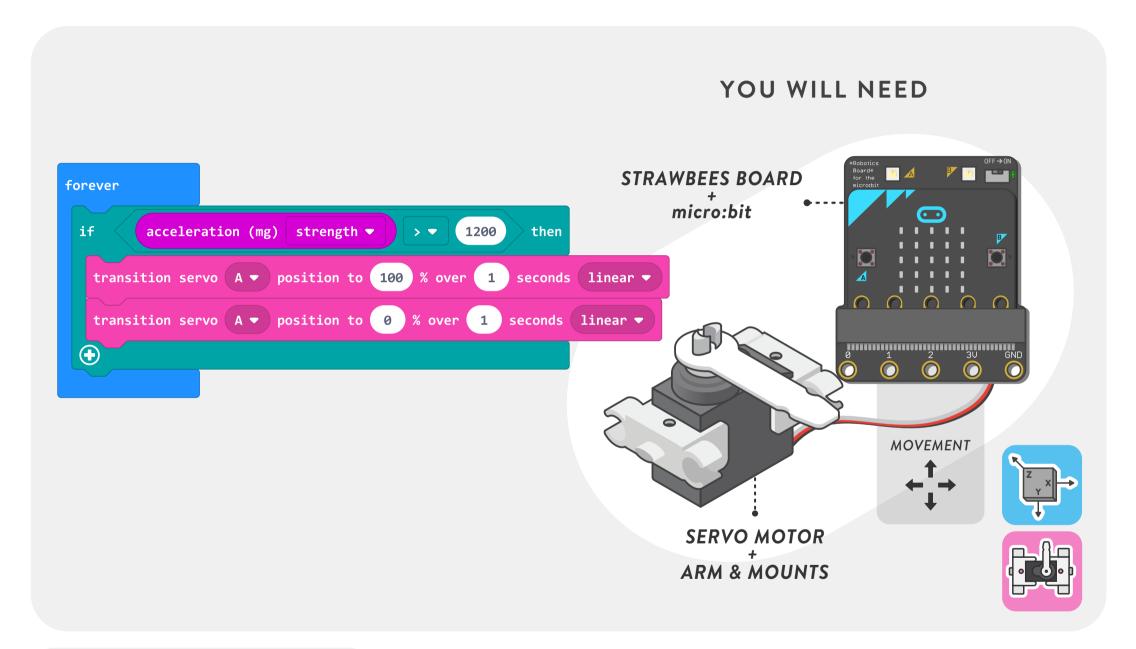






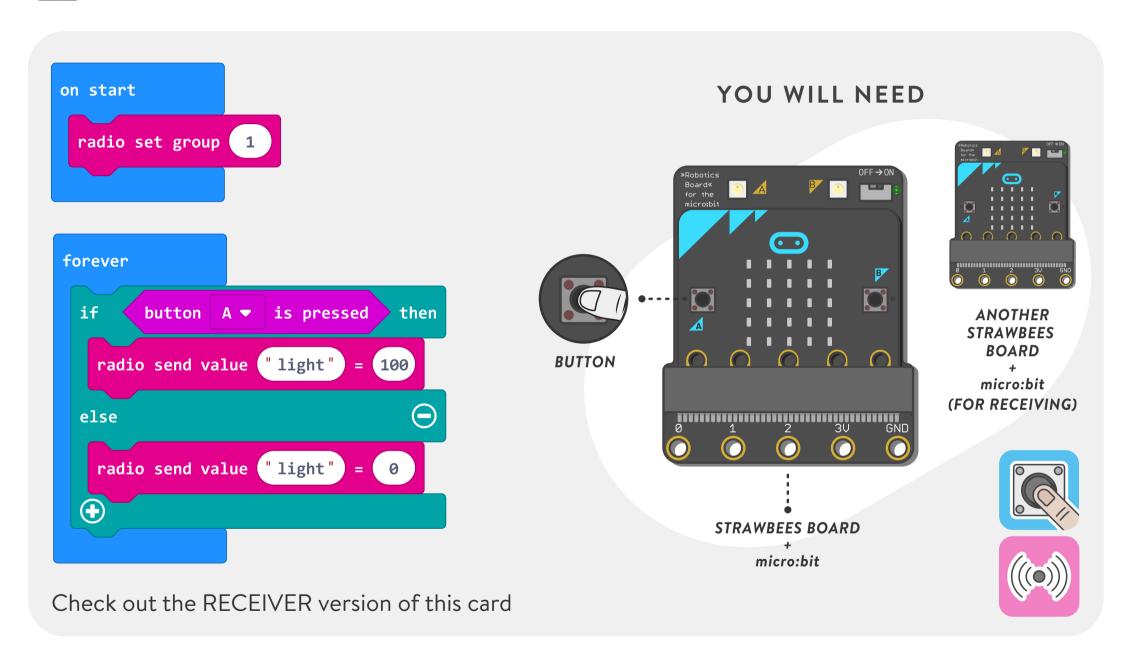






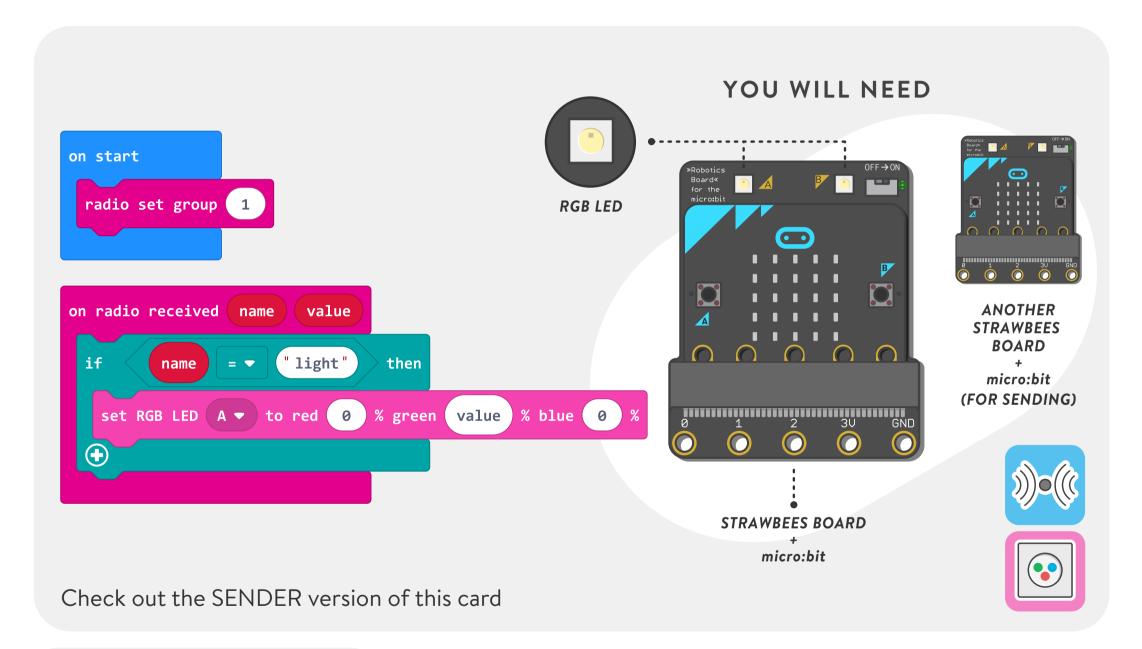


#### SEND/RECEIVE COLOR: SENDER



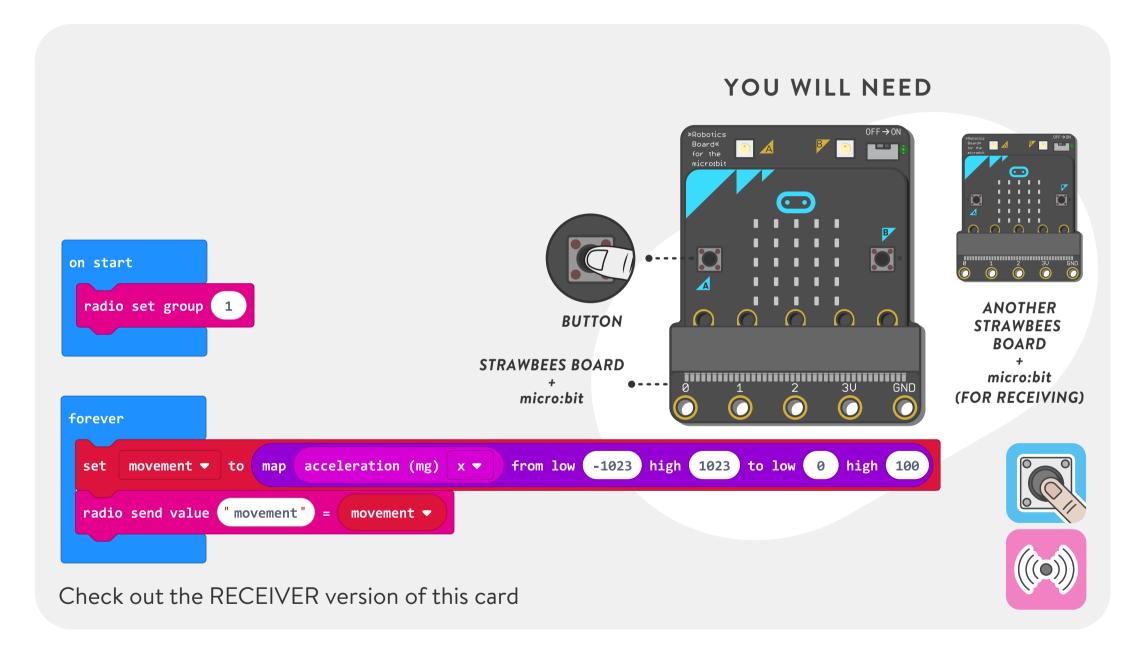


#### SEND/RECEIVE COLOR: RECEIVER





#### **REMOTE CONTROL MOTOR: SENDER**





#### REMOTE CONTROL MOTOR: RECEIVER

