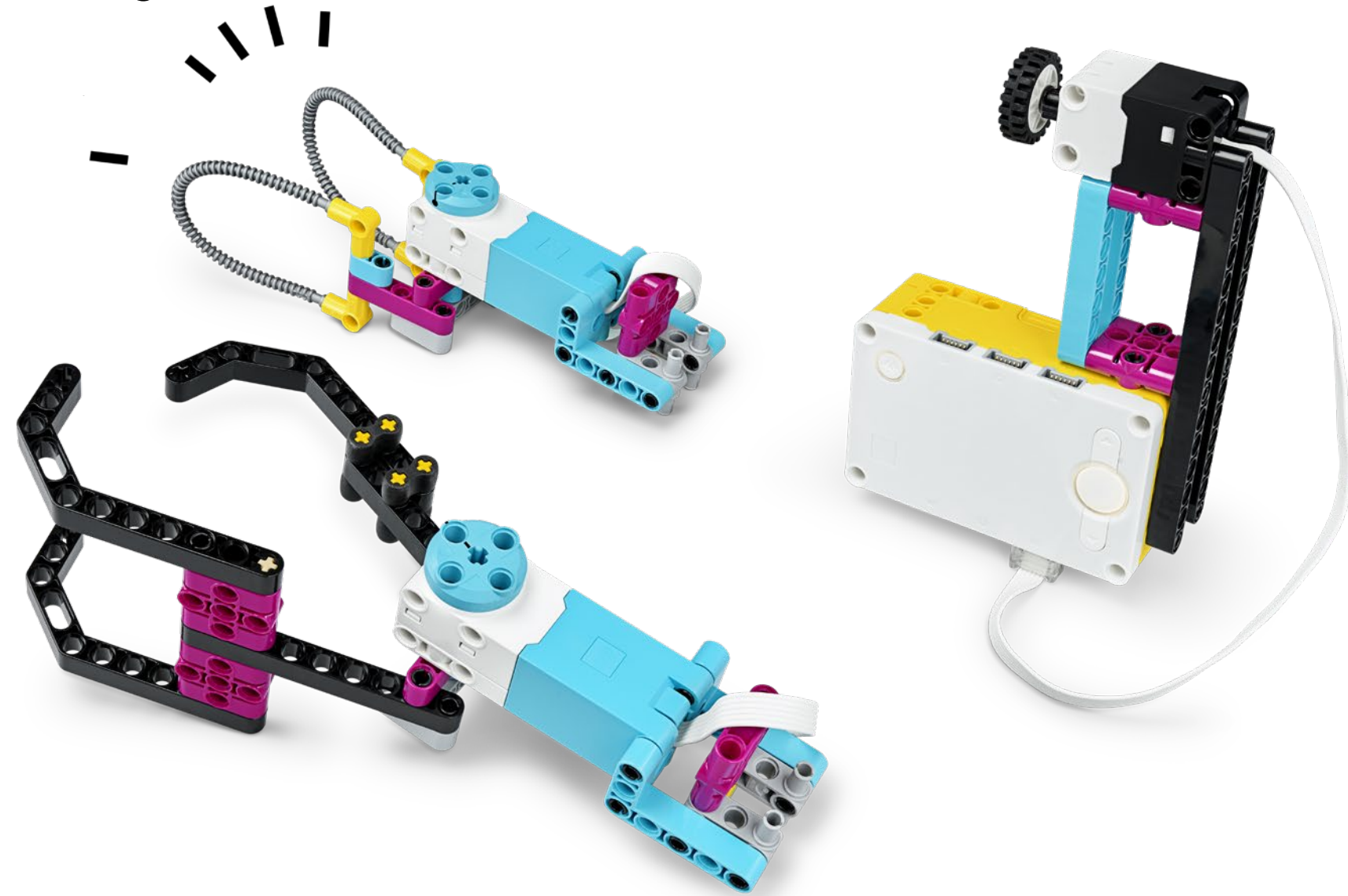# Grabber Error



**Explore**

Check out the **Super Cleanup** lesson. Build the model and practice coding. Then, try this debugging challenge!

**Debug**

A bug is an error in a program that doesn't allow it to function properly. Debug means to identify and fix the error in a program.

**Extend**

How could your enhance this program? Are you able to have the grabber react to more colors and in new ways? Can you use the Bar Graph blocks to collect data related to the items the grabber detects?



## Challenge

A student decided they wanted to swap the Force Sensor for the Color Sensor.

- The student wanted the grabber to pick up items when it detected red.

- The student intended the grabber to play a noise when detecting blue and not grab the item.

- There are several issues in their program.

- Can you help fix their code to work properly?