Additional Teacher's Notes

Optional Materials
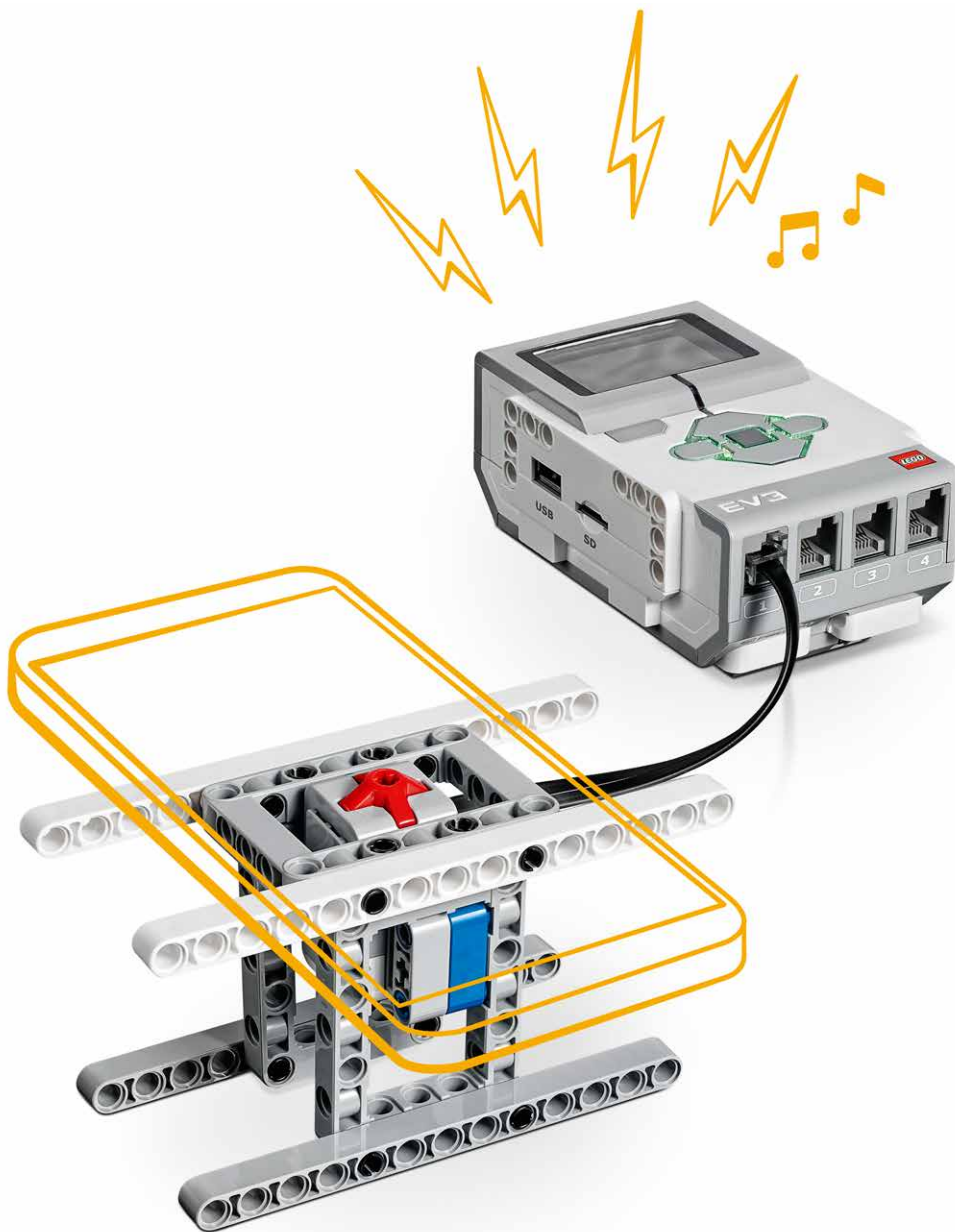• Card stock or paper
• String

Prior Learning
Before beginning this Maker activity, it is recommended that students know how to use the input sensors. We suggest that you complete the Stop at Object tutorial.

However, if you prefer a more open-ended, explorative method, you can start out with this activity and allow students to find help on their own using the EV3 Lab and EV3 Programming tutorials.
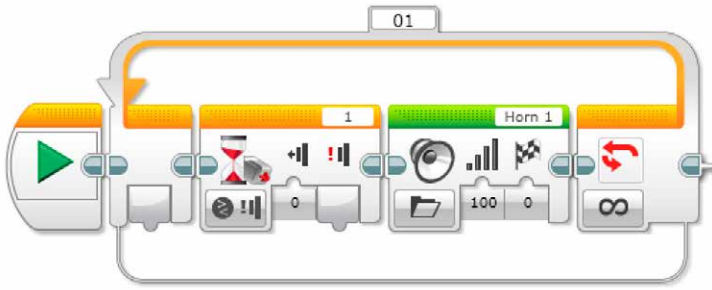
Tinkering Examples
Some students may need a little inspiration and scaffolding to help them get started. Students can remix an existing model, or invent a new design.

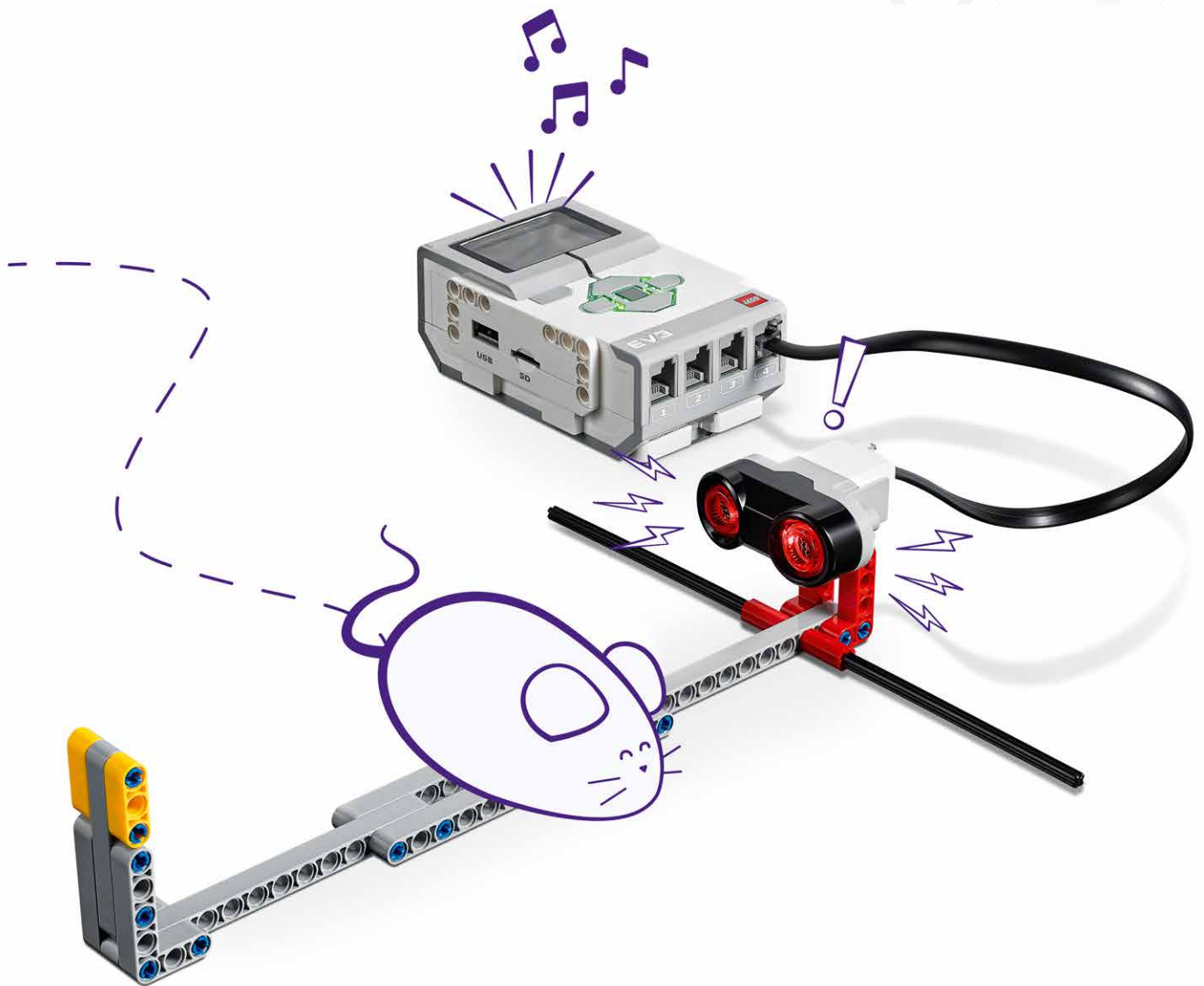**Note: You are advised not to share these images with students.**

This program will activate an alarm when an object is lifted from the Touch Sensor.

Tinkering Examples
Note: You are advised not to share these images with students.

This program will activate an alarm when an object moves in front of the Ultrasonic Sensor.