

# **Arduino Ignition Grant**

Twisted Simon Says

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### **4.1 Required**

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## **5 Lab**

### **5.1 Sensor Basics**

#### **5.1.1 Button**

If already familiar with the button, please skip to Section 5.1.2.

#### **5.1.2 Potentiometer**

If already familiar with the potentiometer, please skip to Section 5.1.3.

#### **5.1.3 Photocell**

If already familiar with the photocell, please skip to Section 5.1.4.

#### **5.1.4 Tilt Switch**

If already familiar with the tilt switch, please skip to Section 5.1.5.

#### **5.1.5 Touch Switch**

If already familiar with the touch switch, please skip to Section 5.1.6.

#### **5.1.6 Temperature Sensor**

If already familiar with the temperature sensor, please skip to Section 5.1.7.

#### **5.1.7 Custom Build Push Button**

If already familiar with the custom built push button, please skip to Section 5.3.

## **5.2 Sound Basics**

## **5.3 Simon Says Basics**

**A**

## **Arduino Code**