



**LC227589**

## **Jot Bot™ STEM Kit, 8 Student (Updated July 2020)**

### **1. Kit Contents**

- (8) Pre-wired 1.5V Motors
- (8) AA 1.5V Alkaline Batteries
- (8) Plastic AA Battery Holders
- (10) Plastic Cups
- (40) Markers
- (20) Googly Eyes
- (10) Glue Sticks
- (1) Duct Tape Roll
- (1) Plastic Storage Case

### **2. Video Guide**

An instructional video can be found here: <https://youtu.be/C2zhvyOIM8o>

You can also search Youtube for: “Lethan Jot Bot”.

### **3. Instructions**

Step 1: Refer to Figure 1 on back for a photo of a complete Jot Bot.

Step 2: Using supplied duct tape, attach 4 Markers to the inside or outside of the cup so that they act as “legs”, with the bottom of the cup facing up (see figure 1). Note: The cup should be as level as possible.

Step 3: Insert a single AA battery into the supplied battery black plastic battery holder and use duct tape to secure the battery holder and the motor to the bottom of the cup. The motor shaft should be positioned so that it overhangs the edge of the cup bottom.

Step 4: Force a glue stick onto the motor shaft. The glue stick should be free to move and positioned so that it hangs over the side of the cup as shown in figure 1. Movement of the glue stick should be unobstructed.

- Step 5: If desired, attach googly eyes to the cup. Peel the backing from the eyes to expose the adhesive.
- Step 6: Line a clean flat surface with white paper. This will act as a surface that the Jot Bot can scribble on.
- Step 7: Remove the caps on the 4 markers and attach the motor wires to the battery holder wires. The glue stick should begin to spin. The spinning motion of the glue stick should make the bot begin to gyrate and scribble on the white paper. The glue stick can be trimmed to different lengths and repositioned horizontally and vertically in order to change the movement of the Jot Bot. There are plenty of glue sticks included to experiment with.

**Figure 1.**

