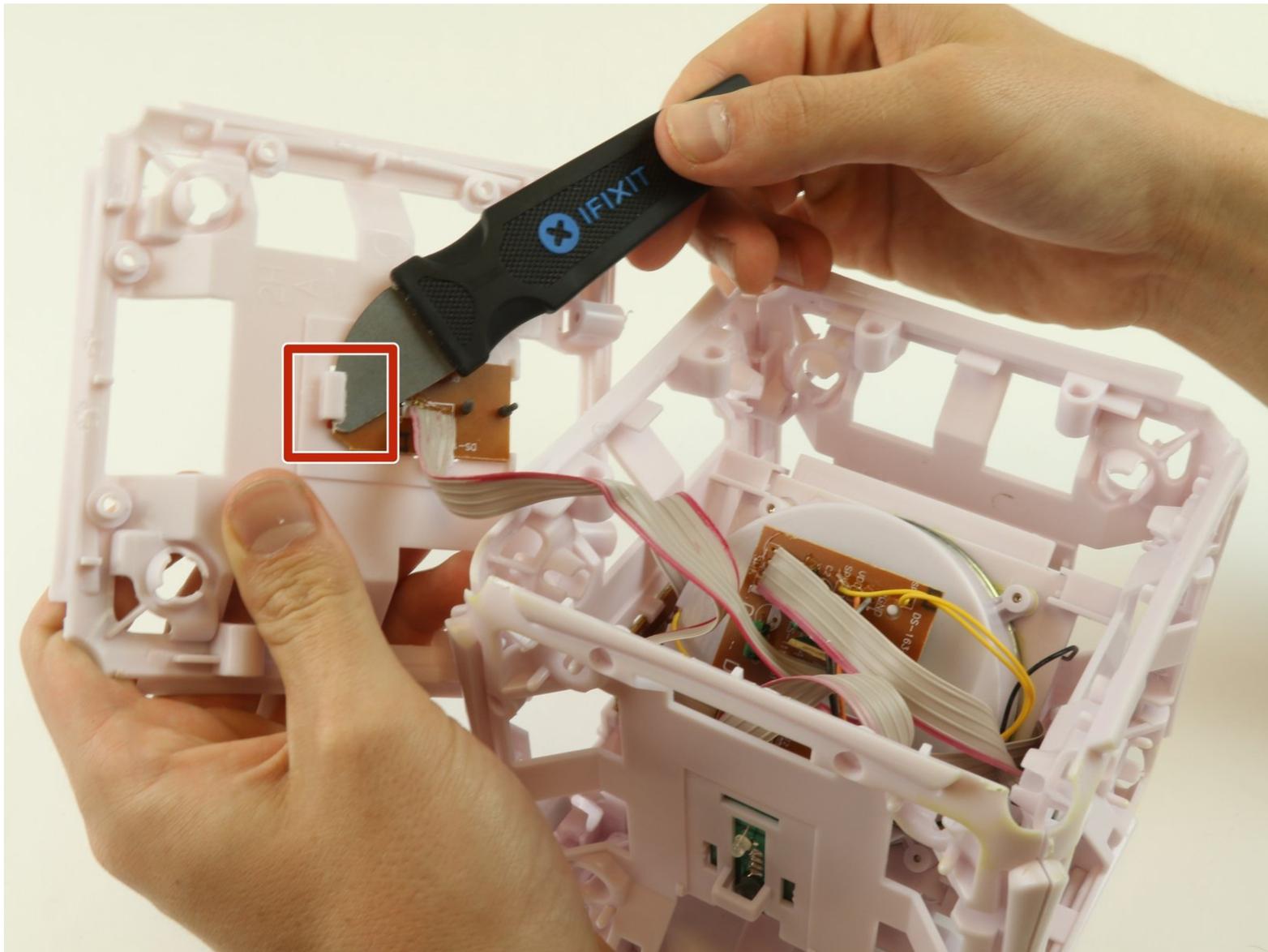# Munchkin Mozart Magic Cube Light Replacement

This guide will teach you how to remove and replace the lights located beneath the faces of the cube.

Written By: Nikolas Soulandros

INTRODUCTION

Outline what you are going to teach someone how to do.

🔧 TOOLS:

- Metal Spudger Set (1)
- Jimmy (1)
- Soldering Workstation (1)
- iFixit Opening Tools (1)

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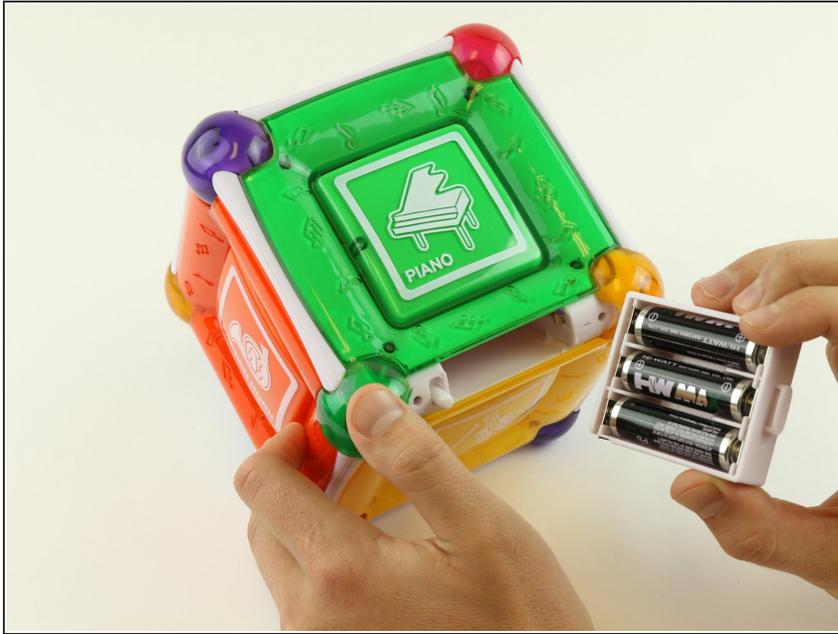
Step 1 — Face plate

- Remove two 6 mm Phillips #2 screws on either side of the On/Off Plate.
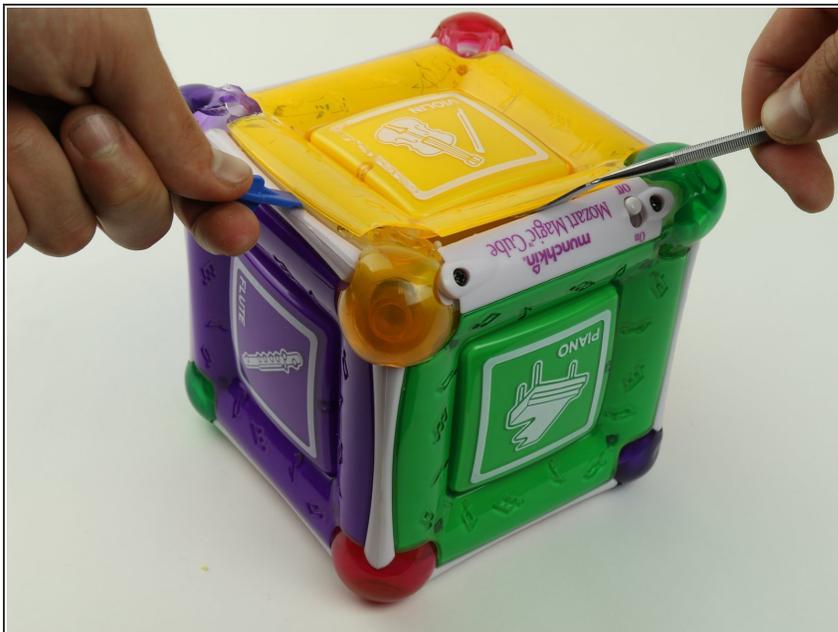
Step 2

- Remove the On/Off switch plate and save the screws so you can use them later to put the plate back on.

Step 3

- Gently pull out the battery cartridge and if needed, replace the batteries with 3 AA alkaline batteries.
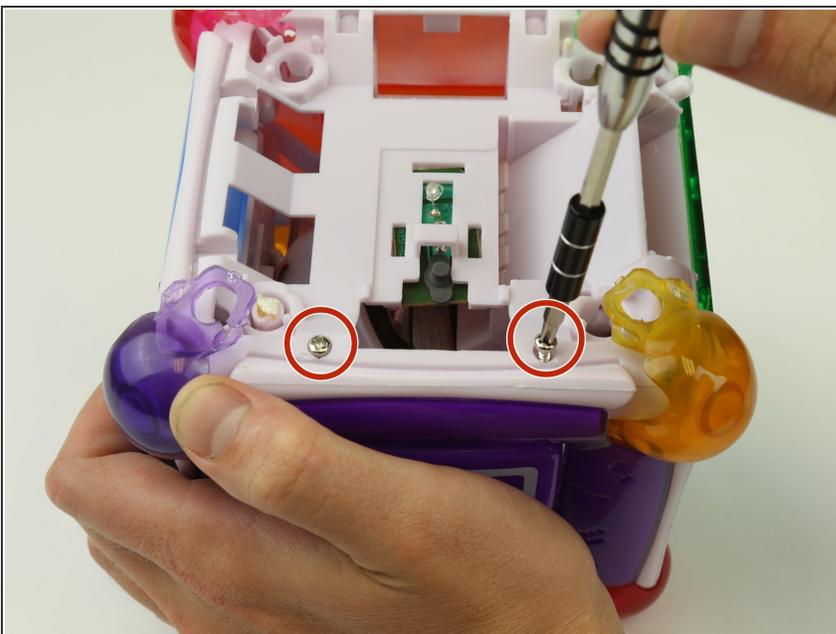
Step 4

- Starting with the yellow face, insert the metal spudger between the yellow face and the white frame, prying the frame apart.
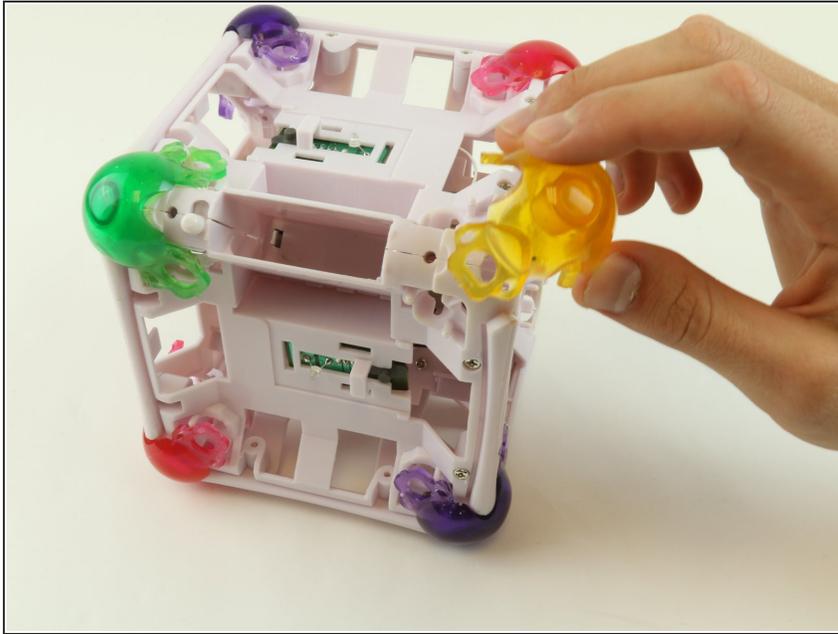
Step 5

- Insert the metal spudger in the space created by the plastic opening tool between the frame and face of the cube.

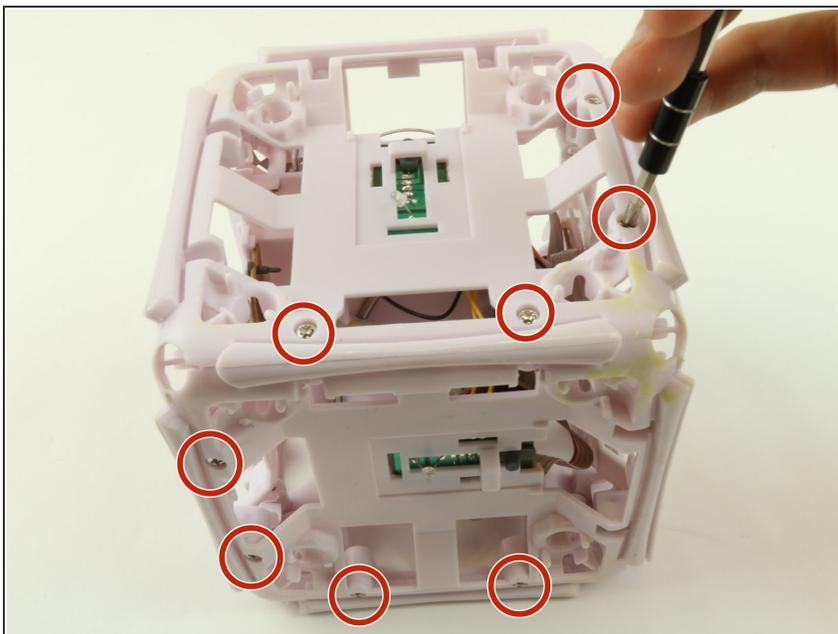- Pry the cube face from the frame.

Step 6

- After removing the square plates, you can unscrew the screws underneath.

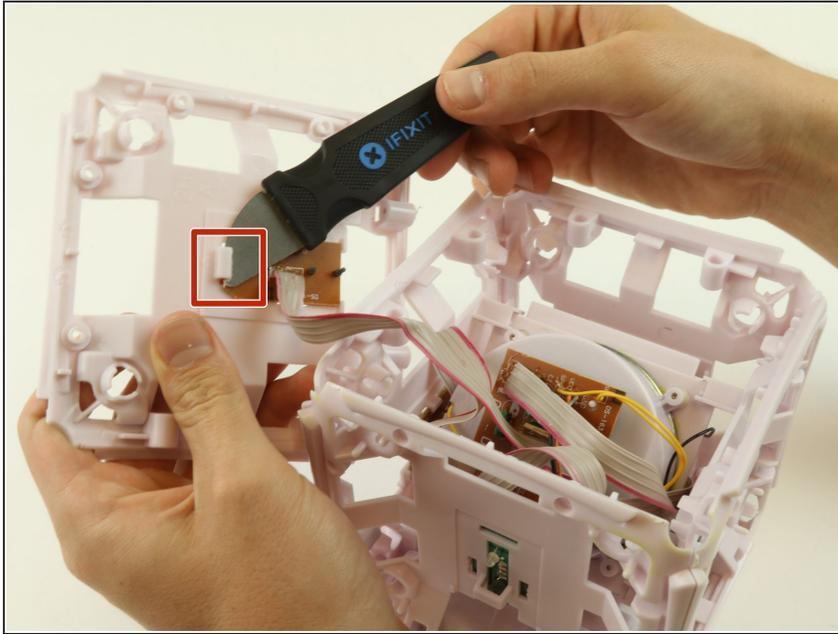- Remove four 6 mm Phillips #2 screws, located on the sides.

Step 7

- Remove the rubber corners by simply pulling them off.
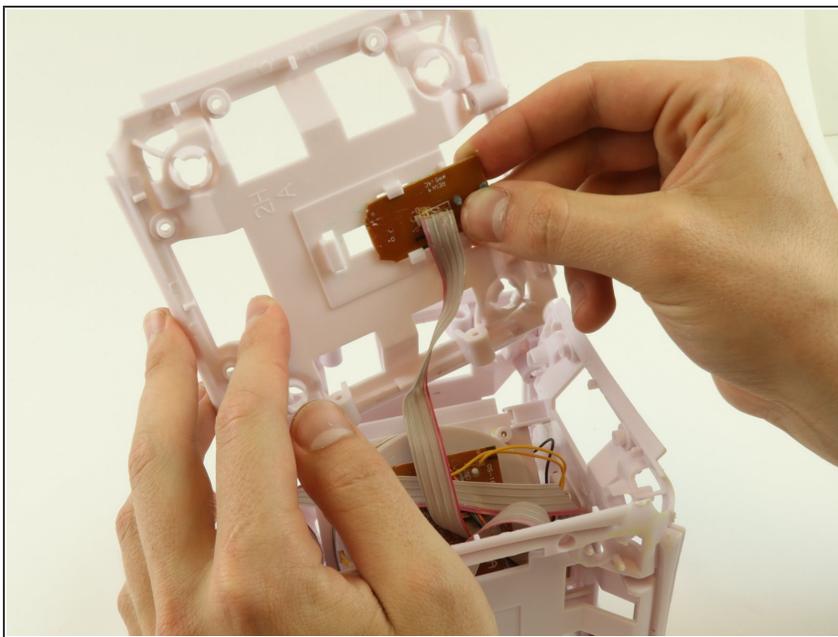
Step 8 — Frame Removal

- Remove twenty-four 6 mm Phillips #2 from all 6 sides.

- Once the screws are removed, gently pull apart the frame.
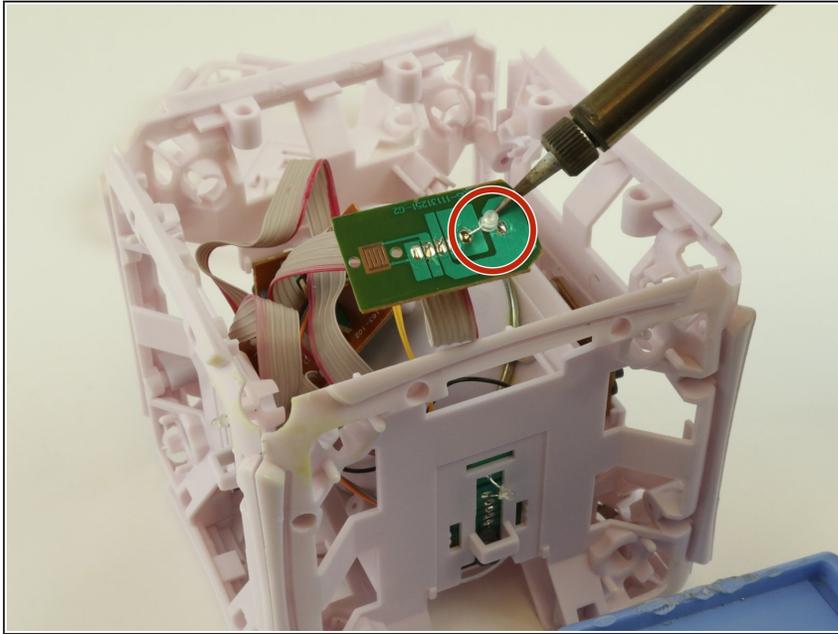
Step 9 — Light

- Flip the frame over so that green motherboard over so that the LED is face down and the brown side of the motherboard is face up.

- Use the Jimmy to remove the glue connecting the motherboard to the white frame.
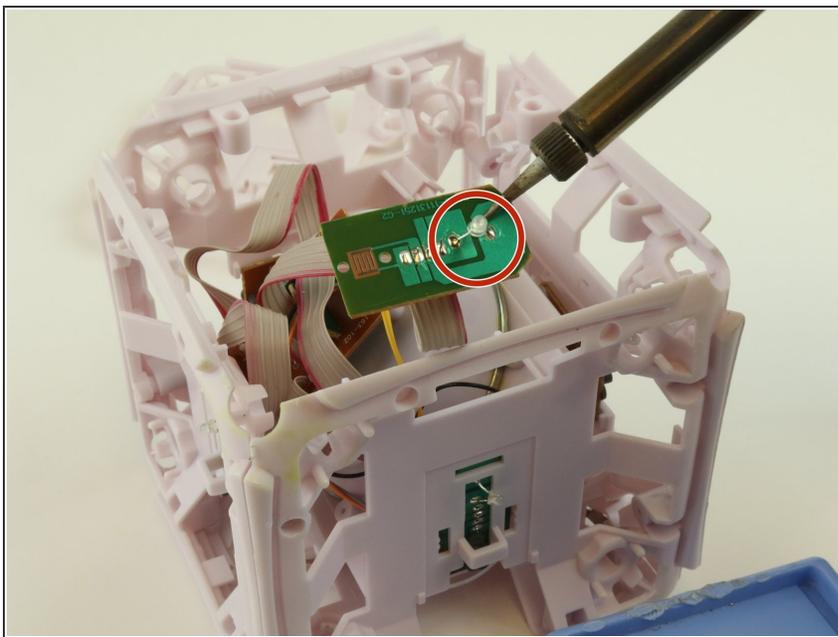
Step 10

- Slide the motherboard out of the frame.

Step 11

- Use the soldering iron to desolder the LED by applying heat to the half sphere like connections.

- (i) For soldering instructions please see this additional guide How To Solder and Desolder Connections

Step 12

- Take the new LED and solder the two legs back to the motherboard.

To reassemble your device, follow these instructions in reverse order.

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