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Ultimaker 2+: Starting a Print

Learn how to print your model on the Ultimaker 2+

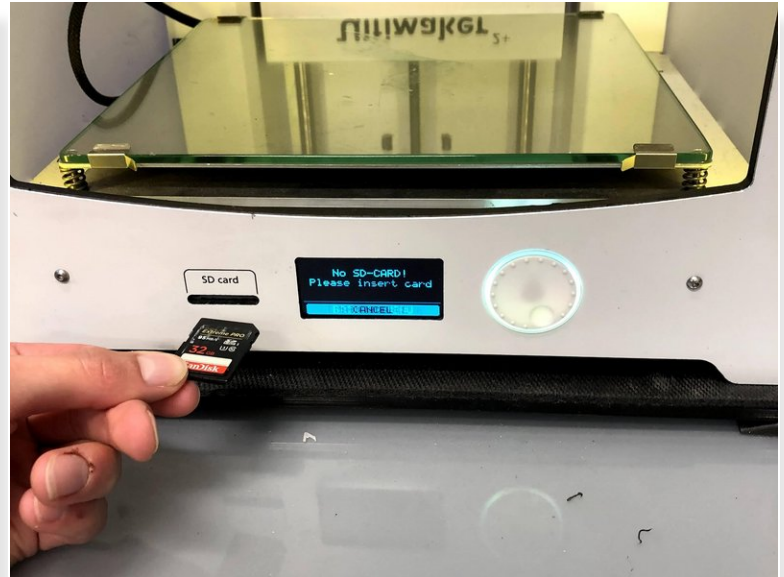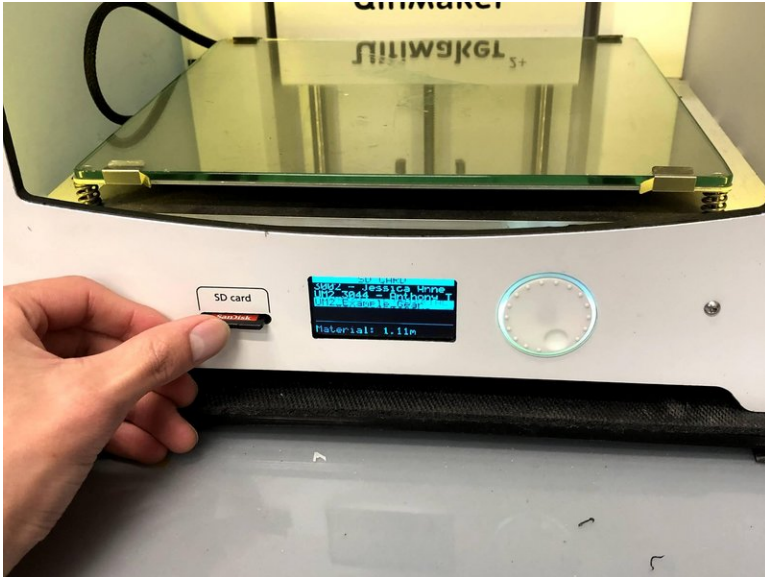**Written By: Rebecca Marie Hirshon**

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Introduction

This guide will explain the necessary steps to setup and start prints on the Ultimaker 2+.

Pictures by: Nico Lagendyk

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Step 1 — Transferring the File

- Remove the SD card from the Ultimaker 2+

- Use an SD card slot on your computer or an adapter

- Copy .gcode from computer to SD card

- Return SD card to the Ultimaker 2+

Step 2 — Check Printer Filament

- Verify that the desired filament is loaded on the machine

- If not, follow the steps in the [Changing Filament](#) Dozuki

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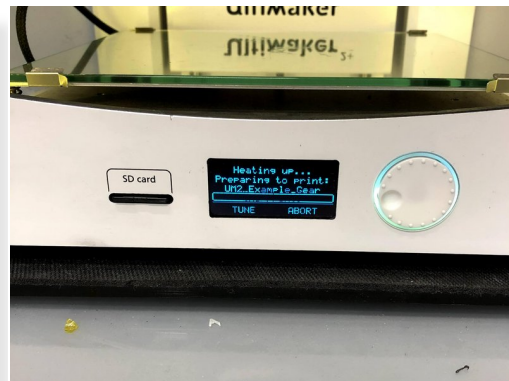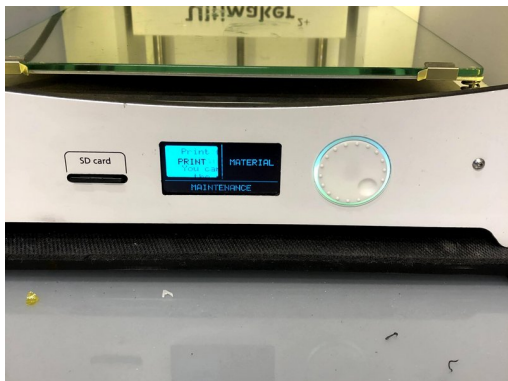© 2022					dozuki.umd.edu/					Page 4 of 7

Step 3 — Prepare Build Plate

- Ensure that the build plate has been cleaned since the last print

- There are several methods for build plate adhesion:
  - Kapton (or Polyamide) tape/sheet is a good reusable surface for most common plastics (gold appearance)
  - There may be a flexible build plate attachment with Buildtak, this surface needs to be as clean as possible, and should be cleaned with IPA
  - Glue is a slightly more messy alternative for common plastics

- Ensure that one of the above are present on the build plate

⚠ Only attempt to apply Kapton tape if you are confident in being able to apply it with minimal bubbles forming

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Step 4 — Starting the Print

- Push the dial to wake the machine

- Select **Print**

- Use the dial to scroll to the desired file

- Select the file by pushing the dial

- Verify again that the preview information appears to be correct

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Step 5 — Assuring Print Success

- Return to the printer after a few minutes to check if the first layer is adhering properly

- If it the print is adhering properly, allow the printer to continue

- If the layer is not adhered correctly, stop the print
  - Adjust the glue or tape and then restart the print

  - Or, re-level the **Print Bed**

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