Study Buddy Assembly

Download

View and download the necessary files from GitHub. You can either choose to download specific files or a ZIP with all 3d files and instructions included.

[Modify]

If you're comfortable navigating in CAD and want to make changes to the design, use one of the 3D files to do so. They support a variety of CAD modeling softwares.

Prepare

Import the original design or your modified version as an **.stl** to Ultimaker Cura.

Select the file, printer you'll be using and make sure the print settings are as follows for an optimal printing experience.

[Recommended print settings]
Profiles: Default 0.15, Infill: 100%, Support: ON, Adhesion: ON

[Custom print settings]
Support Overhang Angle: 80 degrees

Print

[If you're not familiar with 3D printers, make sure to get an introduction before using it the first time. These are usually held in person and help you to learn how to print.]

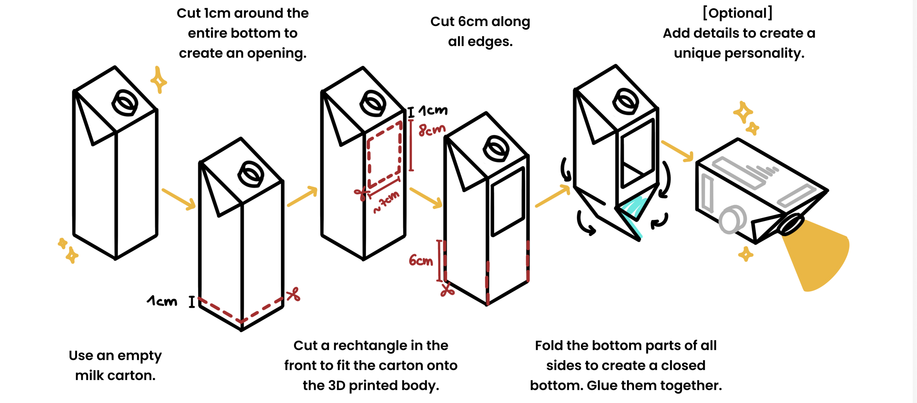
Without any adjustments, the print should take about 25 hours. To avoid major complications, observe the print in the first couple of minutes and a few time throughout the printing process.

Once the print is done, wait for the printer to cool down before carefully removing the print from the glass surface. Remove the support and adhesion with small pliers.

Create

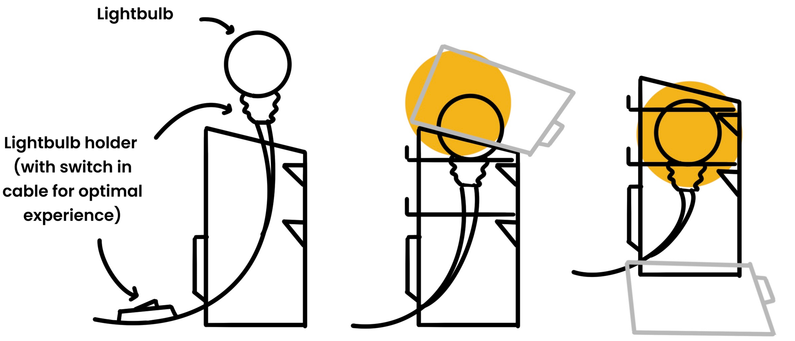
For the 'Box' add on, use any drinking carton (e.g. from plant based milk, juice, ...) and transform it according to the instructions below.

This is your time to shine creatively. Add elements to 'The Box' to create a custom personality or use other materials to shape different characters.



Assemble

Assemble the lightbulb, lightbulb holder and insert it into the 3D printed body.
Use the 2 extra parts to create platforms that hold the lightbulb at different heights for the two modes.



DM your Study Buddy @studybuddydesign to showcase your creativity and inspire other makers.