

Contest-in-a-Box

Student invite

Welcome to contest.

Please read the following prompt and access the supporting documentation to participate in the contest.

Use the provided project scope to design a workholding device for postprocessing 3D-printed parts. Often, when a 3D-printed part is finished, support material must be removed. This can be dangerous while holding the part in your hand. From a safety standpoint, creating a workholding device to hold the part while you remove the support material is extremely important. Additionally, doing so will enable you to more accurately remove the material. You may receive bonus points for adding personality and flair—or for adding an additional design of your choice, or a simulation study, or a generative design study. All entries must show use of CAD processes. Final submissions will include the CAD files, a video presentation that explains your design choices, design requirements, and renderings of the completed part.

Please note the following key deadlines:

Student submission deadline:

Winners announced:

Final submissions should be posted here:

The following documents are provided to assist you with your submission:

- Fusion 360 CAD files
- Contestant checklist
- Design Requirements
- Process justification
- Video submission instructions

If you don't already have Fusion 360 installed, you can unlock free educational access to Autodesk products and services when you confirm your eligibility.

Learn more at www.autodesk.com/education.

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