

Tree-trunk and shelf-mushroom isometric art

3DP-050 / REV A / 2026.09.01

Translate a tree-trunk and shelf-mushroom illustration into a printable relief or model by deciding which shapes are actual geometry and which are color regions. New modeling workflow; no original mesh or exact palette was recovered.

STATUS	Recovered/Partial
CLASSIFICATION	3DP
MATERIAL	3D PRINT / MAKER
DISPOSITION	SIDE QUEST / PUBLIC / RECOVERED/PARTIAL
CATEGORY	3D Printing
RECORD TYPE	project

TECHNICAL NOTES

Translate a tree-trunk and shelf-mushroom illustration into a printable relief or model by deciding which shapes are actual geometry and which are color regions.

GOAL

Run the first test described in this guide and record the result for tree-trunk and shelf-mushroom isometric art.

SOURCE STATE

New reference guidance; not a recovered test result

PREPARATION / NOTES

New modeling workflow; no original mesh or exact palette was recovered.

EQUIPMENT

- FDM printer / slicer
- Slicer project
- Calipers or inspection method

MATERIALS

- Material requires confirmation
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METHOD / STEPS

1. Choose a flat-backed relief or a freestanding sculpture. Set overall size and the viewing angle before refining bark details.
 2. Block in the trunk and mushroom caps with broad forms. Thicken delicate cap edges and make each attachment area continuous.
 3. For a four-color version, allocate the palette before slicing: for example dark bark, light bark, cap color and underside/highlight. Separate bodies or paint regions deliberately.
 4. Start a PLA detail sample at 0.4 mm nozzle and 0.16 mm layers. Inspect supports under shelves and all color transitions before committing to the full print.
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THINGS TO WATCH FOR

An isometric illustration is not a watertight mesh. Very fine bark and thin mushroom shelves may disappear or break. Supports can scar visible cap undersides.

FIRST TEST / WHAT TO RECORD

Print a cropped cap-and-bark sample first and check strength, support removal and color readability.

RESULT / WHERE THIS STANDS

Print a cropped cap-and-bark sample first and check strength, support removal and color readability.

TROUBLESHOOTING

- An isometric illustration is not a watertight mesh. Very fine bark and thin mushroom shelves may disappear or break. Supports can scar visible cap undersides.
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SPECIFICATION

PRINTER	FDM printer / slicer
MATERIAL	Material requires confirmation
FOCUS	First layer, dimensions, surface, and function
VALIDATION	Small test print before release

DEVELOPMENT HISTORY

2026.09.01 / Rev A

Imported as an independent manifest record; public copy keeps uncertainty visible.

RELEASED MATERIAL / SOURCE LINKS

3dp-050-public-summary.txt

PUBLIC SUMMARY / RECOVERED NOTES

<https://u225x.com/downloads/manifest-records/3dp-050-public-summary.txt>

RETURN TO THE LIVING RECORD

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This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/3DP-050>