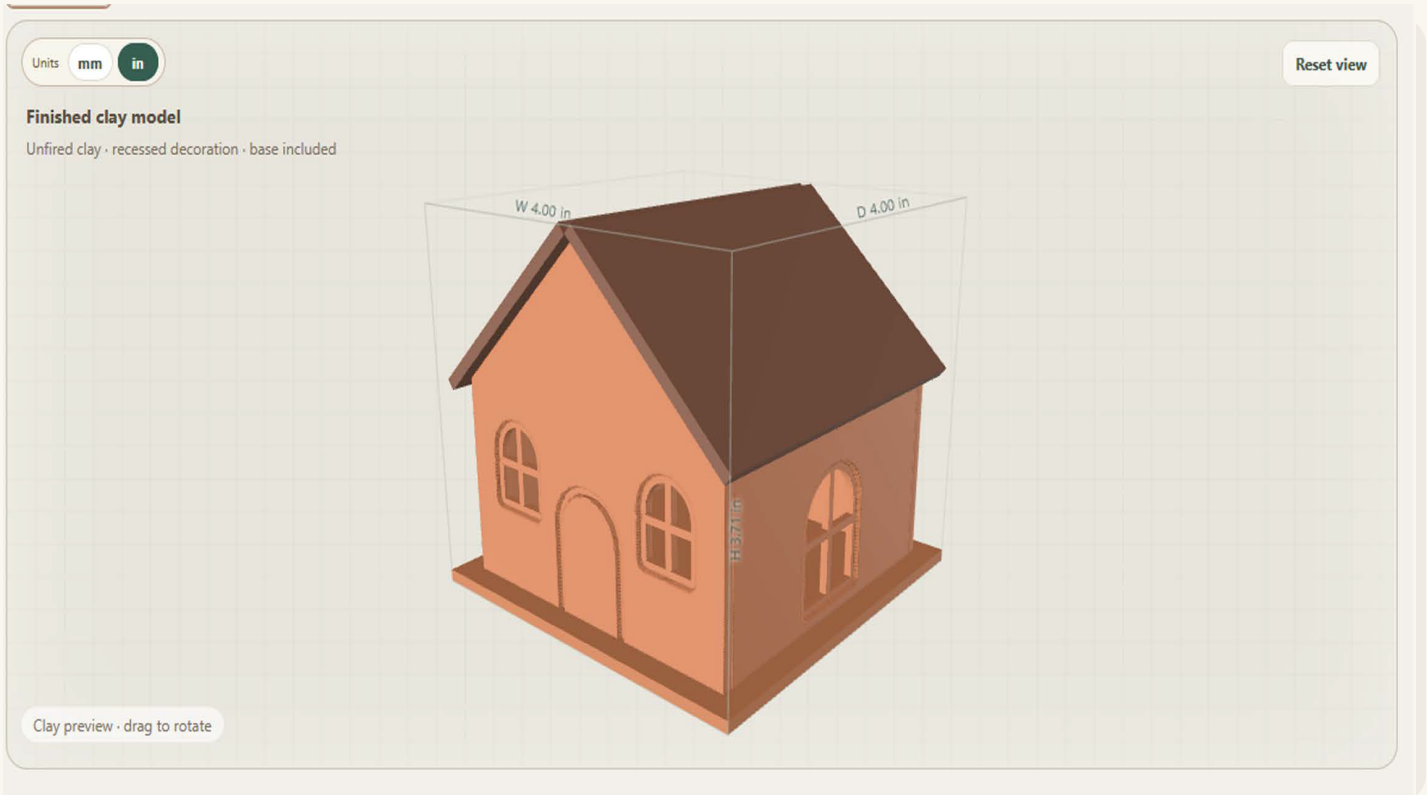


01 / PLAN & PREPARE

From screen to clay.

A practical guide to pressing, trimming and assembling your little house. Start with a small test panel, then make the full set.



Assembly diagram - use your project preview for exact dimensions and arrangement.

1 Print the working tools

Export tools as 3MF and keep **100% scale in millimetres** in your slicer. Print wall and roof stamps with their flat backs down. Print the base cutter grip-down, cutting edge up. Check one print before making a full set.

2 Prepare an even slab

Gather clay, rolling guides, a rib, work boards, a fettling knife, scoring tool, brush, matching slip and plastic. Roll and compress an even slab to the **clay thickness set in your project**. Clay should take a clean impression without sticking.

Know what the preview means

The Clay model is an assembly guide, not a firing prediction. Allow for your clay's shrinkage. Printed tools never go into the kiln.

02 / PRESS & TRIM

A clean impression first.

Work on a flat board. Stamp the clay while it is receptive, then let it firm enough to trim without stretching.

3 Press, then lift straight up

Place the **raised working face down** on the slab. Press evenly across the backing without rocking. Stop once the detail reads clearly; do not force the backing into the clay. Lift vertically. If it sticks or smears, let the slab firm and test again.



Wall stamp diagram - working face, not to scale.

4 Trim the perimeter

Remove the stamp before cutting. Follow the **outer boundary of the perimeter impression** with a knife, keeping the panel supported. The ridge marks a trim line; it does not cut through. Avoid stretching corners when lifting the panel.

5 Open windows by hand

Cut out the intended window spaces and any open doorway. Leave clay bridges if your design includes crossbars. A pressed-outline door may stay solid. The stamp's open areas do not automatically remove the clay underneath.

SECTION THROUGH A STAMP / diagram, not to scale



Raised details press **into** the slab. Keep clay beneath the impression; trim only after lifting the tool.

The base cutter works differently

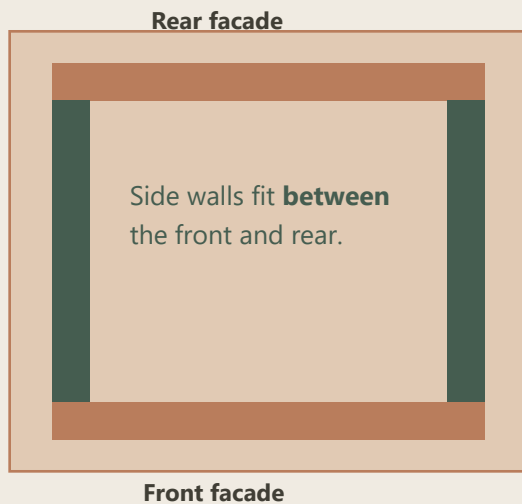
Turn its cutting edge down and press fully through a separate slab. Lift the cutter and remove the outside waste; the inside edge defines the retained base.

03 / FIT & JOIN

Build the walls on the base.

Let the pieces reach a similar, soft leather-hard stage: firm enough to stand, still moist enough to join. Trial-fit before adding slip.

TOP VIEW / STANDARD HOUSE



Colored bands show the joints, not extra clay parts.

8 Reinforce while accessible

Before closing the roof, blend the inside wall and base seams. A small coil of matching clay can reinforce a joint; compress it into both surfaces. Support the decorated outside with your other hand and keep excess water off the walls.

6 Mark the footprint

Center the trial-fitted walls on the base. Front and rear panels span the full width; the side walls fit between them. The base border remains outside the walls. Lightly mark the contact lines, then lift the pieces away.

7 Score, slip & compress

Score both mating surfaces and brush on a small amount of slip from the same clay body. Seat the front and one side, support the corner and compress the join. Add the other side and rear, checking that the house stays square.

Do not force a mismatch. Trim and trial-fit again. Small changes in slab thickness, moisture or trimming can change the fit.

A-frame and Pentagon are different

A-frame has two facades and no upright side walls. Pentagon has angled seams: trial-fit and bevel by hand. Use your Clay model and Panel recipe as the arrangement guide.

04 / ROOF & FINISH

Close the roof. Dry slowly.

One roof stamp makes two matching slopes. Fit both before attaching either one; the preview does not calculate finished bevels.

9 Fit the two roof slopes

Support the walls while checking the overhang. Carefully bevel or trim the mating roof edges so they meet at the ridge. Score and slip each roof-to-wall contact and the ridge join, then compress gently without flattening the decoration.

10 Dry, then fire for your clay

Keep an opening into the hollow interior. Remove temporary supports while accessible. Cover loosely and dry evenly, protecting thin edges from drafts. Fire only when thoroughly dry, following your clay, glaze and kiln supplier's instructions.

CHECK YOUR PIECE COUNT



Front



Rear



Sides x2



Roof x2



Base

Typical house: front x1, rear x1, side walls x2, roof slopes x2, base x1. A linked side or roof stamp is reused. An A-frame has no side walls.

A few fixes worth knowing

Sticking or smeared detail? Let clay firm and press less.

Sagging walls? Wait until they support themselves before joining.

Gaps at the roof? Refit and bevel before joining.

A seam is opening? Check moisture match, scoring and compression.

Diagrams explain assembly and technique; they are not cutting templates. Use the dimensions and panel recipe in your Little House project. For drying and firing, follow the instructions for your clay body and glaze. September 2026.