

SPOTLIGHT

MINIATURE CHICKEN FARM & BARN DIORAMA

Nº 05.22.23
PROJECT SHEET



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MINIATURE CHICKEN FARM & BARN DIORAMA

i INTERMEDIATE

WHAT YOU'LL NEED

- 210gsm red cardboard x 1
- 210gsm white cardboard x 1
- 210gsm powder blue cardboard x 1
- 12in x 12in Kings gold glitter cardboard x 1
- Shamrock craft deco foam balls x 20
- 57g Sculpey polymer clay III - yellow x 3
- 57g Sculpey polymer clay III - white x 3
- 57g Sculpey polymer clay III - gold (light brown) x 3
- 57g Sculpey polymer clay III - black x 1
- 57g Sculpey polymer clay III - red x 1
- A3 Arbee stiffened green felt x 1
- A4 Arbee green glitter felt sheet x 2
- A3 Crafters Choice 5mm foam core sheet x 3
- 6.5 x 6.5mm Ecobalsa square rod, natural x 2
- 5 x 5mm Ecobalsa square rod, natural x 2
- Battery powered fairy lights x 1 (optional)
- Small roll of thin wire (for chicken's feet)

TOOLS

- Plastic cutting mat
- Large cutting knife
- Small cutting knife
- 30cm steel ruler
- 30cm plastic ruler
- Sculpey clay tool starter set
- PVA craft glue
- Pliers

INSTRUCTIONS

Grass Base - Firm and Soft Felt (Template A)

Step 1 - Lay the felt sheets flat across a surface with either cardboard or plastic underneath to protect your work surface.

Step 2 - On the underside of the stiffened felt sheet, lightly mark out the shape of the green field base as per template A1.

Step 3 - Using a small Stanley knife over a cutting mat, carefully trim the shape of the green field base as marked out in previous step.

Step 4 - Repeat step 2 with the green glitter felt sheets, cutting the shapes shown in template A2.

Step 5 - Carefully cut the shape of the glitter green felt to match the firm green felt.

Step 6 - Fix the glitter green felt shapes to the firm green felt below, using craft glue.

Step 8 - Using a small Stanley knife, cut the gravel barn base from the gold card following shape of template A3

Barn Structure - Foam Core (Template B)

Step 1 - Using a larger Stanley knife, cut templates B1, B2, B3 and B4 from the A3 foam core boards.

Optional - Keep the section cut from template B1 to create barn doors.

Step 2 - Connect the edges of the end walls to the side walls with a dab of glue, followed by the roof panels.

Step 3 - Use this open box as a template to mark and cut the coloured card for the exterior of the barn.

Step 4 - Use the roof panels as templates to mark and cut coloured card for the roof of barn (it can also be wrapped in single sheet of card).

Step 5 - Attach all the coloured card sections to their respective sides and roof panels.

Step 6 - Attach roof panels to appropriate angles on each end wall with glue, closing the box.

Barn Detail - balsa wood (Template C)

Step 1 - Place the barn structure onto the gold gravel base (glue to secure in place, optional)

Step 2 - Using a small Stanley knife, cut the balsa door, roof, and window trim details from template C.

Step 3 - Fix detail coloured card elements to barn- windows, trim, and barn doors

Optional - Add fairy lights inside barn to illuminate the windows and open doors!

Fence Sections – Balsa Wood (Template D)

Step 1 - Using a large Stanley knife, cut the 6.5x6.5mm balsa to lengths shown in template D1.

Step 2 - Using a large Stanley knife, cut the 5x5mm balsa to lengths shown in template D2.

Step 3 - Fix vertical fence posts (6.5mm x 6.5mm balsa lengths) to horizontal fence lengths with dabs of PVA glue.

Step 4 - Fix fence length to one side of barn and green field base.

Adult Chickens x 2 (optional)

Step 1 - Take a pinch of white Sculpey clay and roll around in hands to warm up, wrap clay around 20mm foam ball to cover it completely.

Step 2 - Take an extra chunk of white clay, add to the top and bottom end of the foam ball wrapped in clay to create the head and tail of chicken.

Step 3 - Take a small pinch of the gold/brown clay, warm in hands and add to the 'neck' of chicken for the head/neck feathers.

Step 4 - Take very small pinch of yellow clay, roll in fingers, and create a triangle shape for the chickens' beak.

Step 5 - Push small wire leg segments up into the base of chicken body.

Step 6 - Take another very small pinch of yellow clay, roll into long thin segment, and form the chickens' feet around the wire.

Step 7 - Take a small pinch of red clay, roll in fingers and split into 2 parts, form the head and chin wattle.

Step 8 - Take a larger pinch of white clay and roll in fingers, split into 2 parts and roll into balls for eyes.

Step 9 - Take a very small pinch of black clay, roll between fingers into two tiny balls and place in centre of white eyes for pupils.

Step 10 - Take a small pinch of gold/brown clay and make 3 small 'fans' for the tail feathers of chicken, attach to back.

Step 11 - Bake at 120 degrees for 10 minutes on baking paper.

Baby Chickens x3 (optional)

Step 1 - Take small cube of yellow clay, roll in hands and make ball about 2cm wide.

Step 2 - Take half of the previous amount of yellow clay and repeat, adding to top of ball for small head and neck shape.

Step 3 - Roll small pinch of red clay, attach to head/neck section for beak of each chick.

Step 4 - Take a small pinch of yellow clay, roll between hands and make small 'fans' for tail feathers then attach to the back.

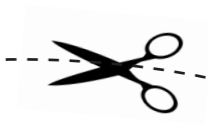
Step 5 - Bake at 120 degrees for 10 minutes on baking paper.

Arrange all items (barn, fence, chickens and chicks) onto the green base as you please.

Template A1

Firm Green Felt

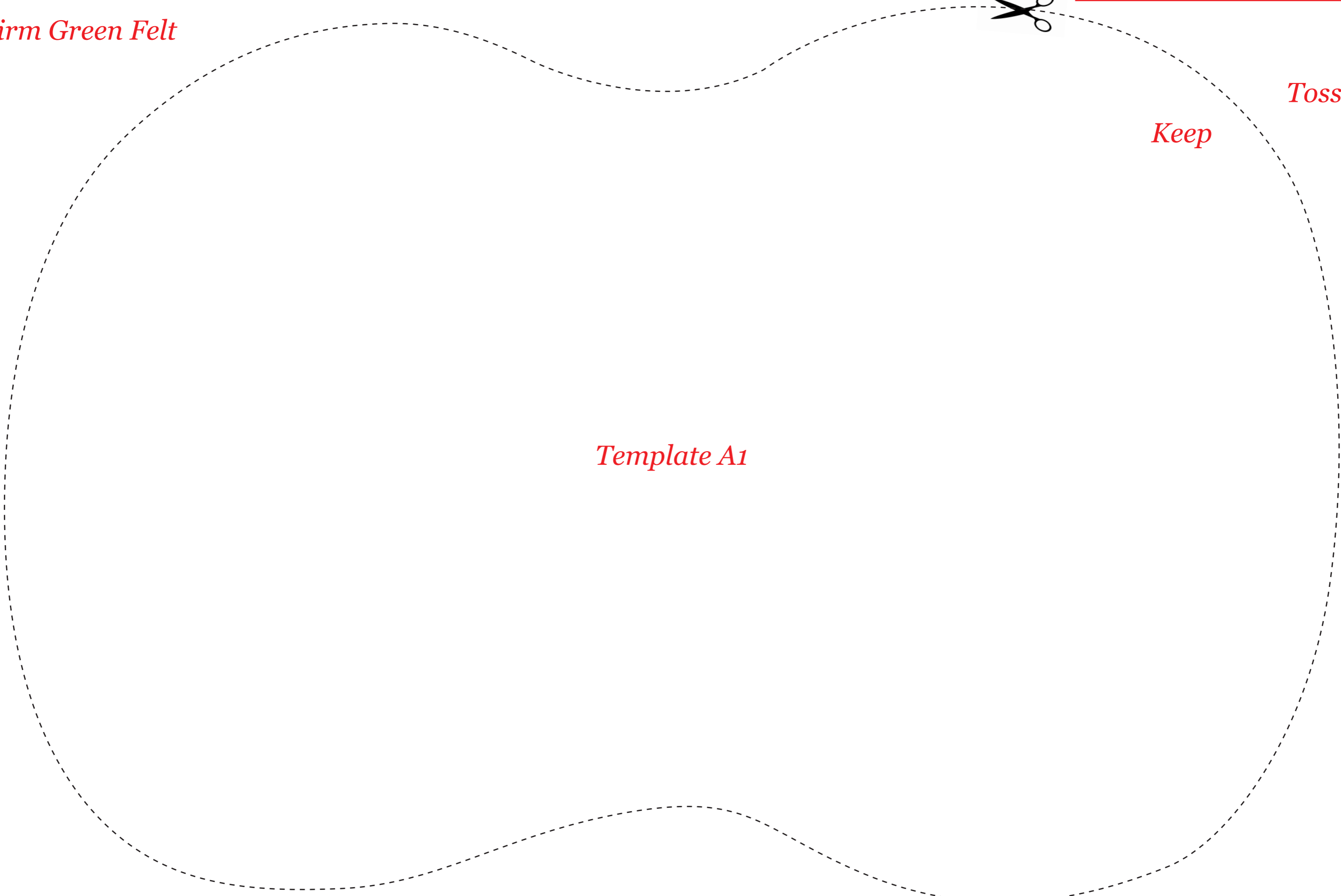
Please print all pages A3 size



Keep

Toss

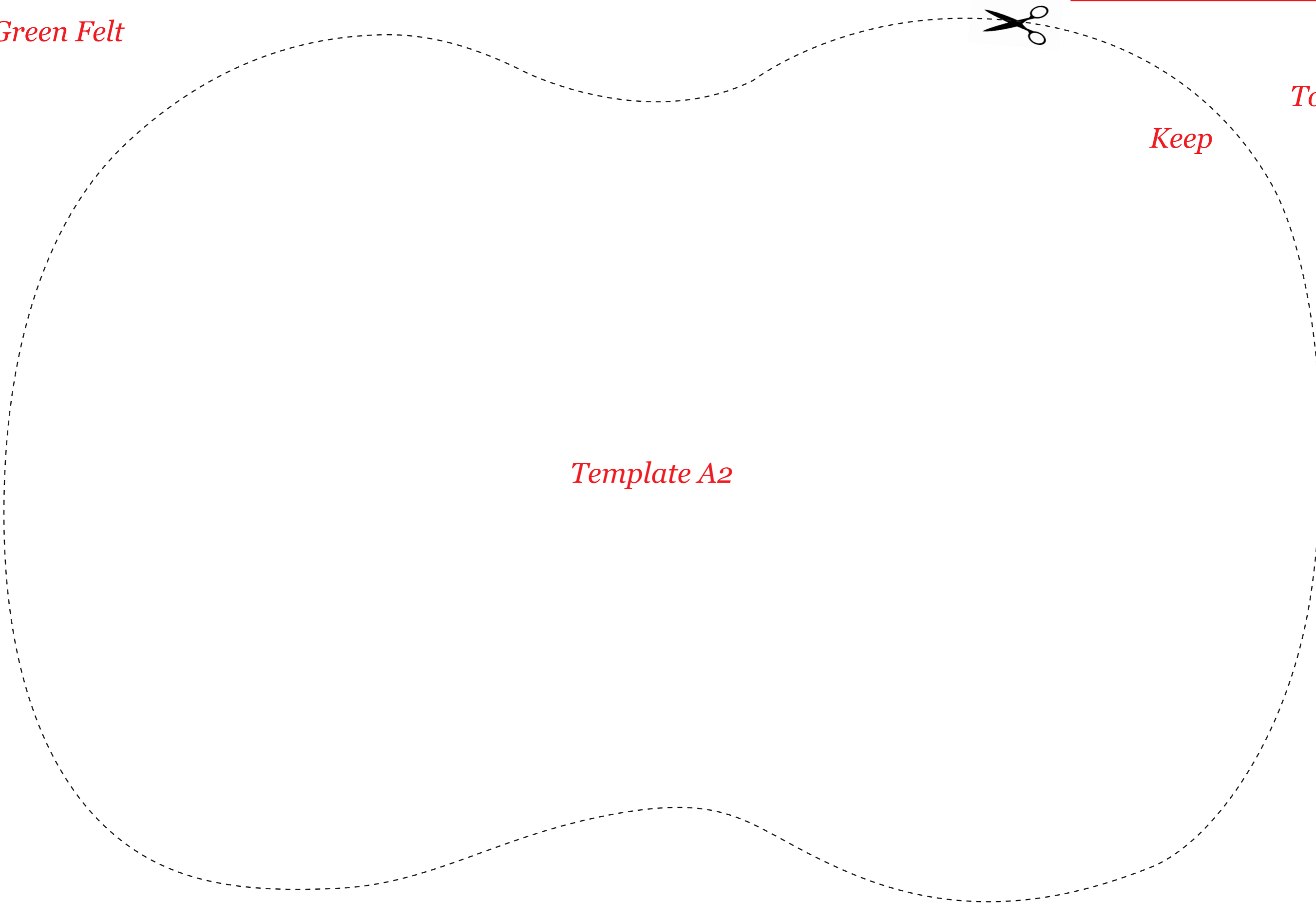
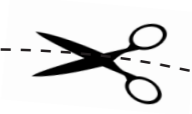
Template A1



Template A2

Soft Green Felt

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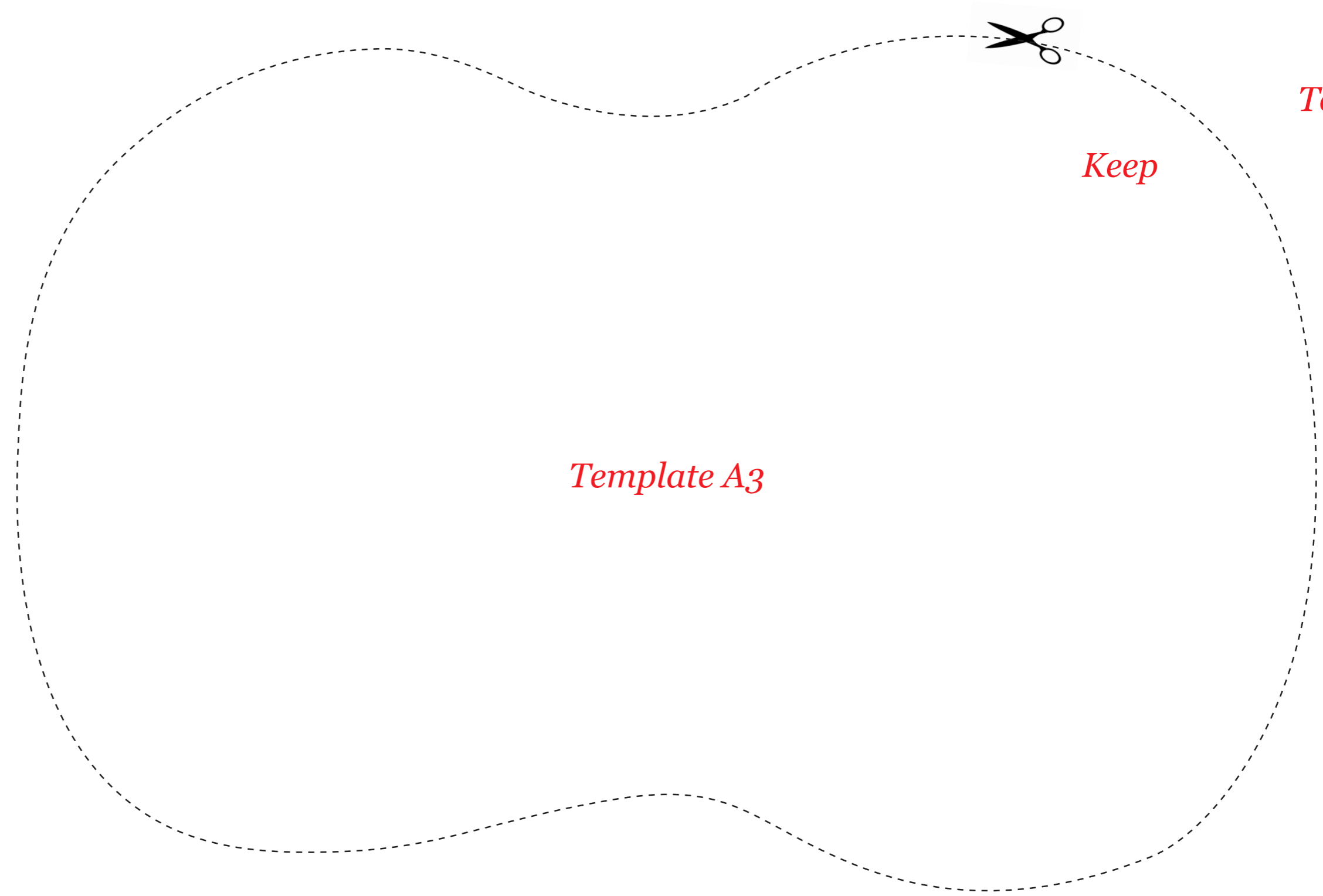
Toss

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Template A2

Template Barn Base
Glitter Gold Card

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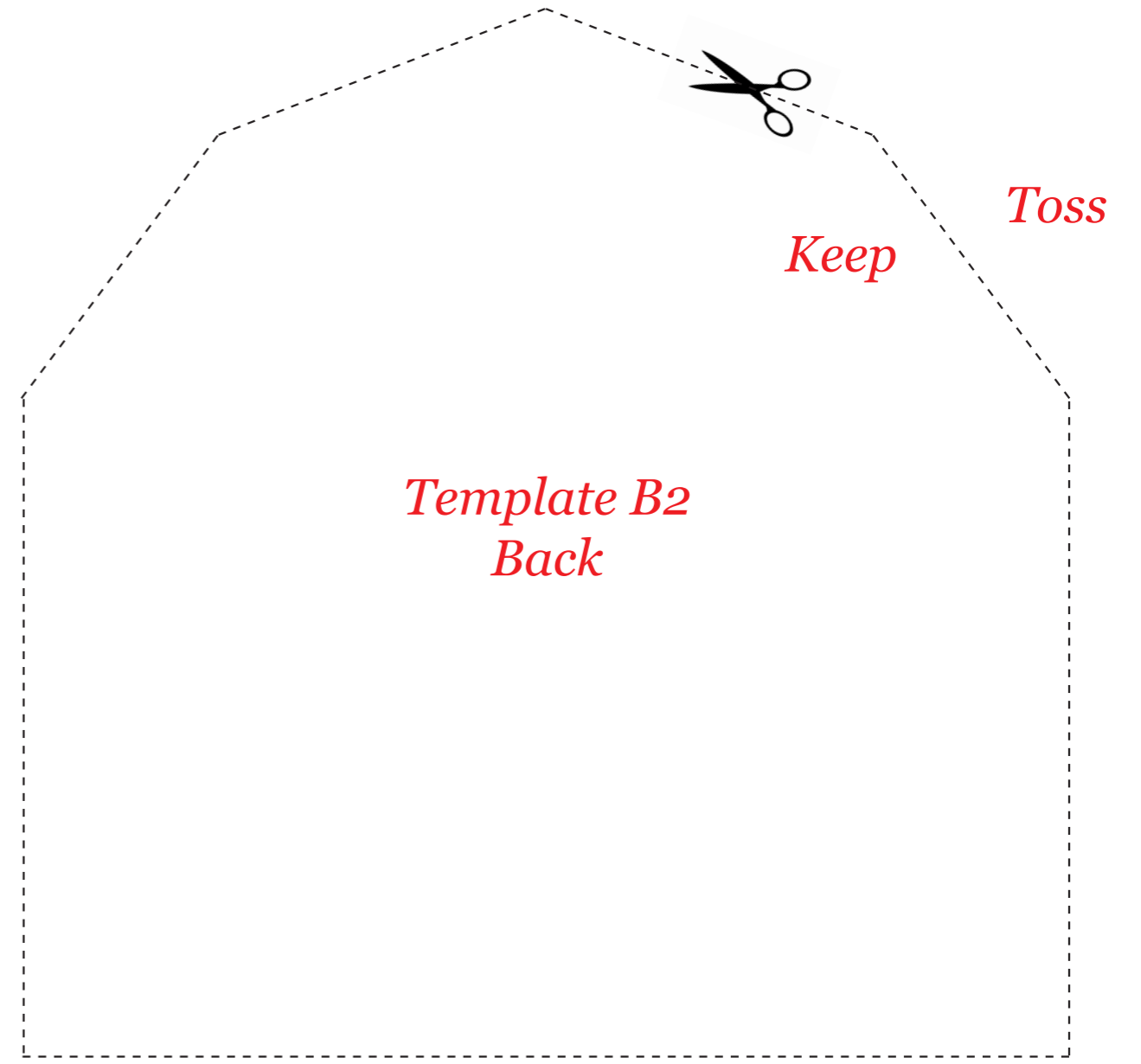
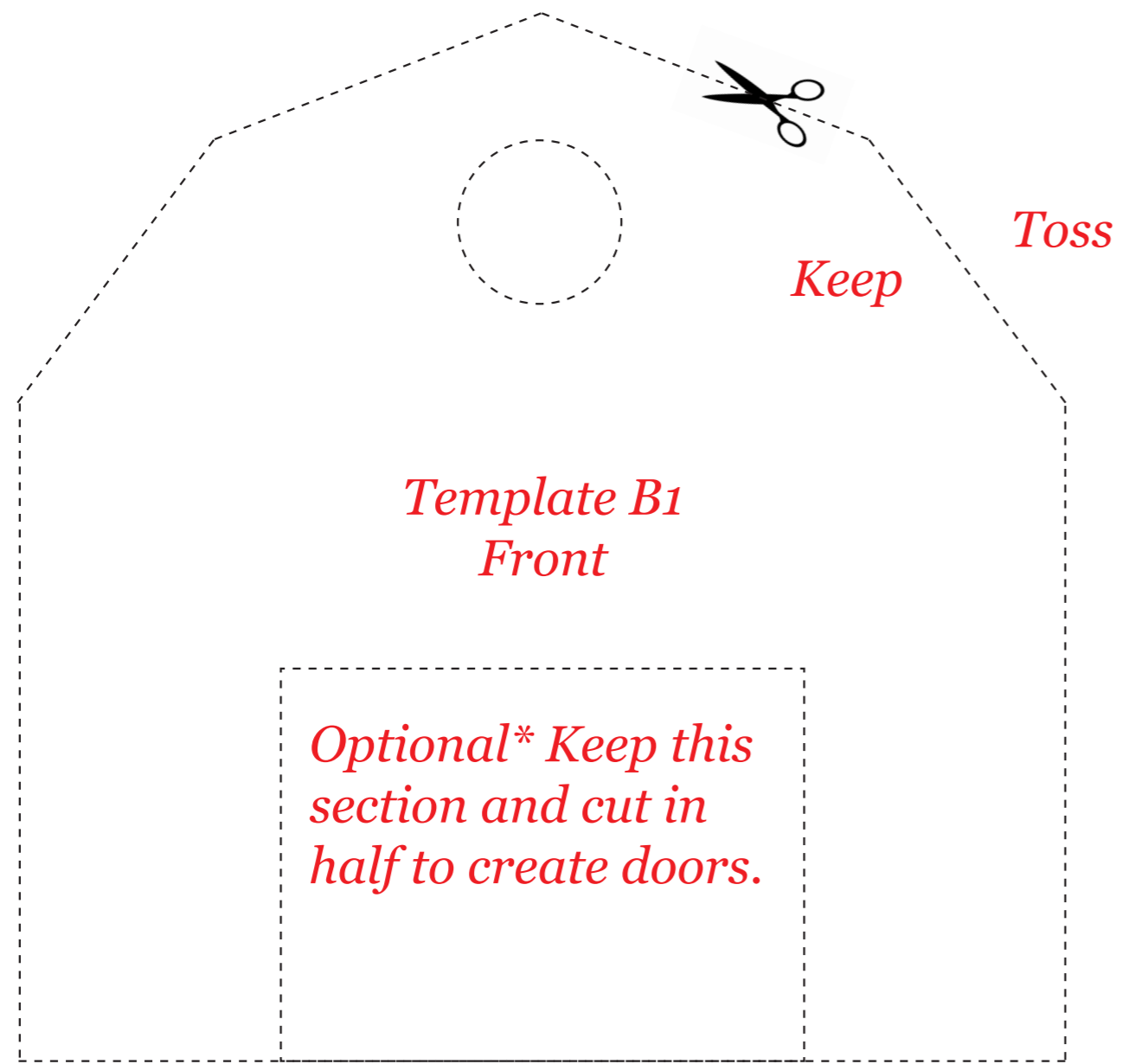
Toss

Keep

Template A3

Template B - Barn
Foam Board Front/Back

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Template - Barn
Foam Board Sides

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Toss

Toss

Template B3
Side 1

Keep

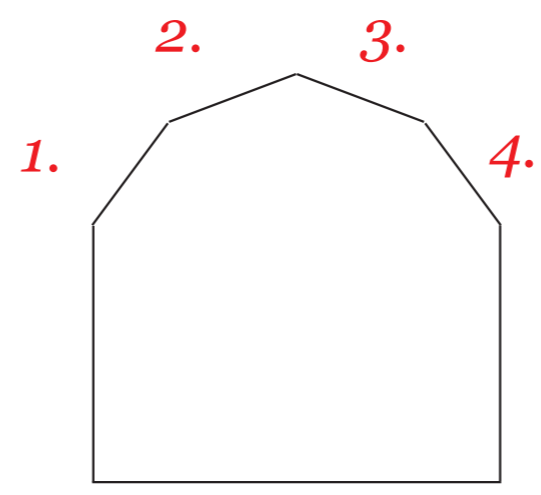
Template B3
Side 2

Keep



Template - Barn
Foam Board Roof Panels


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Toss

*Template B4
Roof panel 1*

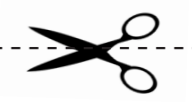
Keep



Toss

*Template B4
Roof panel 2*


Keep



Toss

*Template B4
Roof panel 3*

Keep



Toss

*Template B4
Roof panel 4*

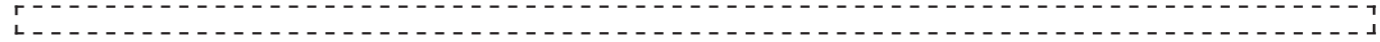
Keep



Template C - Barn Trim
Balsa Wood Lengths - 3x3mm profile

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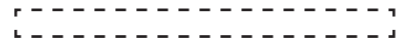
Roof Trim



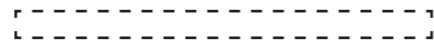
3mm Balsa 180mm - X 2



3mm Balsa 200mm - X 2

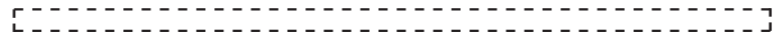


3mm Balsa 50mm - X 2

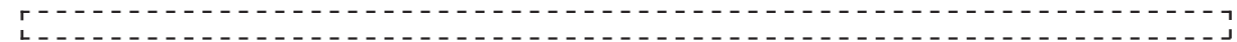


3mm Balsa 55mm - X 2

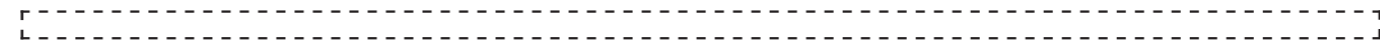
Barn Trim



3mm Balsa 100mm - X 8



3mm Balsa 160mm - X 2



3mm Balsa 180mm - X 2

Template D - Fence

Balsa Wood Lengths - 5x5mm profile + 6.5x6.5mm profile

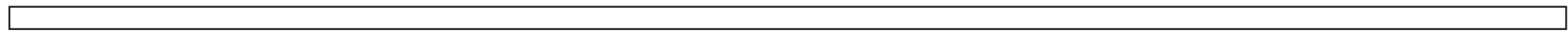
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Fence Posts 6.5x6.5mm



6.5mm Balsa 60mm - X 6

Fence Lengths 5x5mm



5mm Balsa 300mm - X 3

Glue together like this:

