

# Galaxy


Finished size 66" x 78" (1.7m x 2m)

Designed by Lynne Goldsworthy of [lilysquilts.blogspot.com](http://lilysquilts.blogspot.com)  
using the Galaxy collection from Makower UK [www.makoweruk.com](http://www.makoweruk.com)



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## **Fabric Requirements**

Code	Fabric	Quantity
1525-B9	Linea	F ⅛ th
1525-G	Linea	Fat ¼
1525-N	Linea	Fat ¼
1525-S3	Linea	Fat ¼
1525-T5	Linea	Fat ¼
1525-Y	Linea	Fat ¼
1751-1	Galaxy Robots (Backing)	4 ½ metres / 4 ¾ yards
1752-1	Galaxy Rockets	¾ metre / ¾ yard
1753-B	Galaxy Planets	25cm / 12"
1754-B	Galaxy Numbers	80 cms / 1 yard
1755-S	Galaxy Spacemen	Fat ¼
1756-T	Galaxy Circuit Board ( Binding)	½ metre / ½ yard
1756-W	Galaxy Circuit Board	30cm / 10"
1757-B	Galaxy Stars	2 metres / 2 yards
Wadding		1.9m x 2.2m / 74" x 86"
One Template 1 (optionally printed or traced onto freezer paper)		
Two Template 2s		
One Template 3		
One each of Templates 4A, 4B and 4C		
Two 2 ½" x 18" pieces of bondaweb		

## **Notes**

- Read the pattern in full before starting.
- ¼" seams are used throughout except where stated otherwise.
- Press after each seam, pressing seams open or to one side as preferred.
- WOF = width of fabric – a strip of fabric cut from selvedge to selvedge.
- Make sure to visit <http://www.makoweruk.com/projects/> to make sure you are working from the most up-to-date version of the pattern.
- The pattern refers to 22" strips cut from FQs – these may be closer to 20" – 21" long which is fine for this pattern.
- This pattern uses foundation paper piecing. If you are not familiar with this technique, we suggest practicing on scraps first and the following online tutorial is a useful guide:  
<http://www.lovepatchworkandquilting.com/blog/foundation-paper-piece>

## **Cutting**

1. Cut the dark blue (B9) linea tonal F8th into one 2 ½" x 9 ½" rectangle.
2. Cut the green (G) linea tonal FQ into seven 1 ½" x 22" strips and cut those into the following lengths: one 5", four 6 ½", one 7 ½", three 8 ½", four 10 ½" and four 12 ½".
3. Cut the red (N) linea tonal FQ into seven 1 ½" WOF strips and cut those into the following lengths: two 3", one 7 ½", four 8 ½", four 10 ½" and four 12 ½".  
Cut one 3 ½" x 10" and two 2 ½" x 9 ½" rectangles from the remainder.
4. Cut the grey (S3) linea tonal FQ into seven 1 ½" x 22" strips and cut those into the following lengths: three 6 ½", three 8 ½", four 10 ½" and four 12 ½".
5. Cut the teal (T5) linea tonal FQ into eight 1 ½" x 22" strips and cut those into the following lengths: one 5", two 6 ½", four 7 ½", two 8 ½", four 10 ½" and four 12 ½".
6. Cut the mustard (Y) linea tonal into seven 1 ½" x 22" strips and cut those into the following lengths: two 2 ½", two 3", one 6 ½", one 7 ½", three 8 ½", four 10 ½" and four 12 ½".  
Cut two 3 ½" x 7" rectangles from the remainder.
7. Cut the Galaxy Rockets fabric into seven 3 ½" WOF strips, sew end to end and cut into two 66 ½" and two 72 ½" lengths.

8. Cut one 10 ¼" x 36 ½" rectangle from the Galaxy Planets fabric.
9. Cut the Galaxy Spacemen into two 6" x 13" rectangles.
10. Cut the white Galaxy Circuit Board fabric into a 9 ½" WOF strip and cut into one 2", one 3 ½", one 10" and one 15 ½" length.
11. Cut nine 1 ½" WOF strips from the Galaxy Numbers fabric and cut those into eighteen 1 ½" x 8 ½" strips and twenty 1 ½" x 10 ½" strips.

Cut the remainder of the fabric into one 8 ½" and one 7 ½" WOF strip and cut into the following pieces (numbers in brackets indicate which number they will be pieced into):

From the 8 ½" WOF strip

- Two 5" x 8 ½" rectangles (1).
- Eight 3" x 7 ½" rectangles (2, 3, 5, 6 and 9).
- One 3 ½" x 7 ½" rectangle (4).
- One 2 ½" x 3" rectangle (4).

From the 7 ½" WOF strip

- Three 2 ½" x 4" rectangles (4).
- Four 3" x 6 ½" rectangle (6, 8 and 9).
- One 7 ½" square (7).
- One 6 ½" square (0).

12. Cut the Galaxy Stars fabric into the following pieces referring to the fabric cutting diagram (at the back of the pattern). In that diagram, the numbers down the sides indicate the WOF strips to be cut:

- Eight 3 ½" x 12 ½" strips (number block joining strips).
- Two 6" x 13" rectangles (A).
- Two 2 ¼" x 9 ¾" rectangles (B).
- Two 2 ½" x 11 ½" rectangles (C).
- Two 14" x 35 ½" rectangles (D).
- Two 9 ½" x 10 ½" rectangles (E).
- Two 3 ½" squares (F).
- One 2" x 9 ½" rectangle (G).
- Two 11 ½" x 14" rectangles (H).
- Two 5 ½" x 36 ½" strips (I and J).

13. Cut the backing fabric into two equal lengths and the binding fabric into seven 2 ½" WOF strips.

### **Making the quilt top**

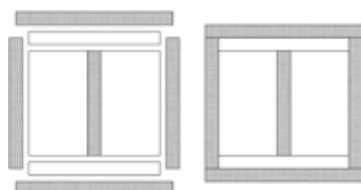
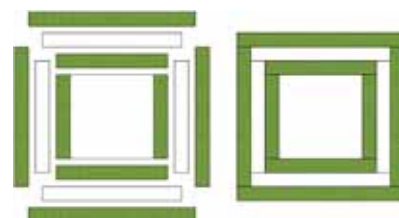
1. First make the ten numbers, 0-9 as set out below, following the diagrams for each number, using the 1 ½" strips of linea tonal (LT) and the 1 ½" strips, squares and rectangles of Galaxy Numbers (GN). Press after each bullet point.

2. After each number is made:

- sash the sides with two 8 ½" GN strips (skip this step for number one);
- sash the top and bottom with two 10 ½" GN strips;
- sash the sides with two 10 ½" LT strips (the same colour as the number being sashed); and
- sash the top and bottom with two 12 ½" LT strips (the same colour as the number being sashed).

3. To make the number zero (green):

- sash the sides of the GN 6 ½" square with two 6 ½" LT strips; and
- sash the top and bottom with two 8 ½" LT strips.



4. To make the number one (grey):

- sew two 5" x 8 ½" GN rectangles, one to each side of one LT 8 ½" strip.



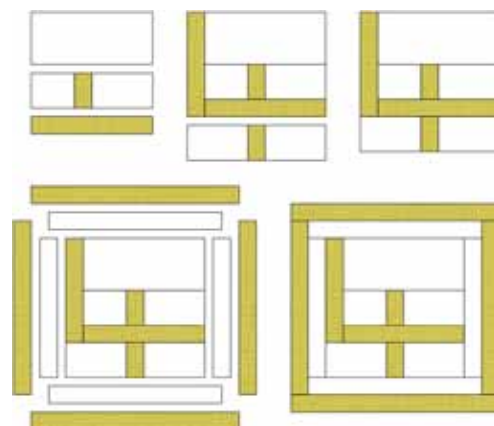
5. To make the number two (red):

- sew a 3" LT strip to the end of one 3" x 7 1/2" strip – make two; and
- Sew each of these pieces to either side of an 8 1/2" LT strip following the fabric placement in the diagram below to make the "2" shape.



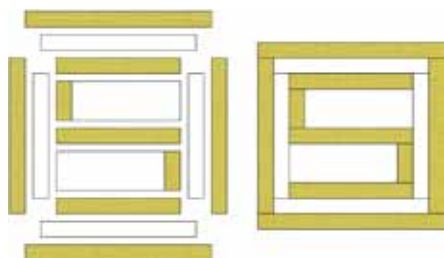
6. To make the number three (teal):

- Sew together three 7 1/2" LT strips and two 3" x 7 1/2" GN rectangles; and
- Sew an 8 1/2" LT strip to the side of this piece.



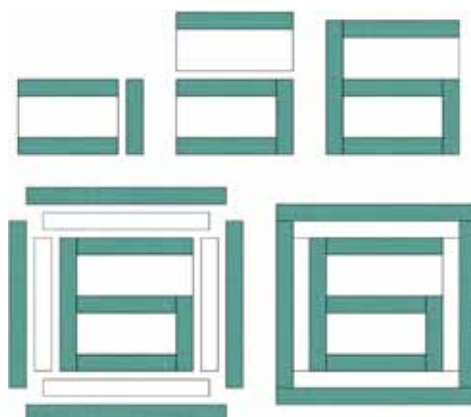
7. To make the number four (mustard):

- Sew a 2 1/2" x 3" and a 2 1/2" x 4" GN rectangle to either side of a 2 1/2" LT strip;
- Sew a 3 1/2" x 7 1/2" GN rectangle to the top and a 7 1/2" LT strip to the bottom of this piece;
- Sew a 6 1/2" LT strip to the side of this piece;
- Sew two 2 1/2" x 4" GN rectangles to either side of a 2 1/2" LT strip; and
- Sew the above two pieces together.



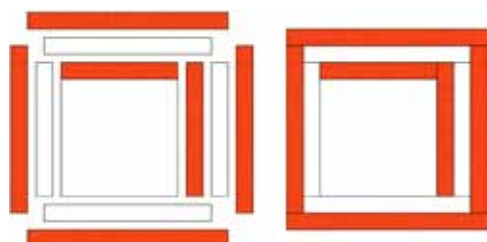
8. To make the number five (mustard):

- Make as for the number two but the mirror image, to make the "5" shape.



9. To make the number six (teal):

- Sew two 6 1/2" LT strips to either side of a 3" x 6 1/2" GN rectangle;
- Sew a 5" LT strip to one end of this piece;
- Sew a 3" x 7 1/2" GN rectangle to a 7 1/2" LT strip;
- Sew these two pieces together; and
- Sew an 8 1/2" LT strip to one side of this piece.

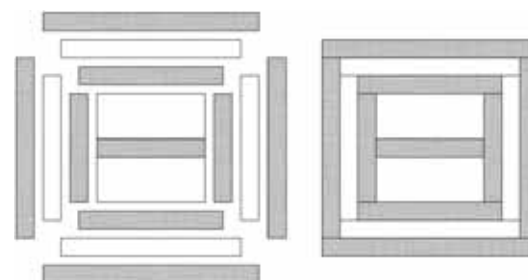


10. To make the number seven (red):

- Sew a 7 1/2" LT strip to the top of the 7 1/2" GN square; and
- Sew an 8 1/2" LT strip to the side of this piece.

11. To make the number eight (grey):

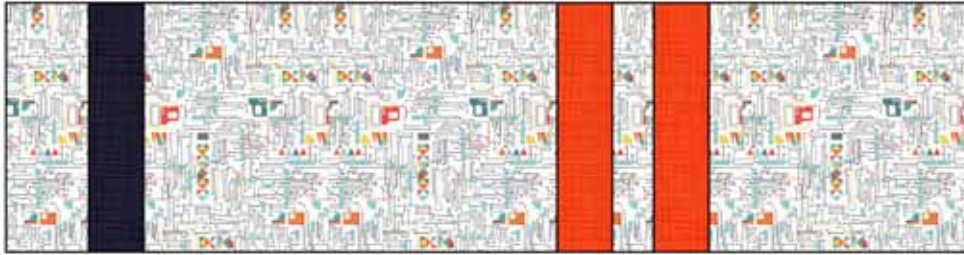
- Sew two 3" x 6 1/2" GN rectangles to either side of a 6 1/2" LT strip;
- Sew 6 1/2" LT strips to either side of this piece; and
- Sew 8 1/2" strips to the top and bottom of this piece.



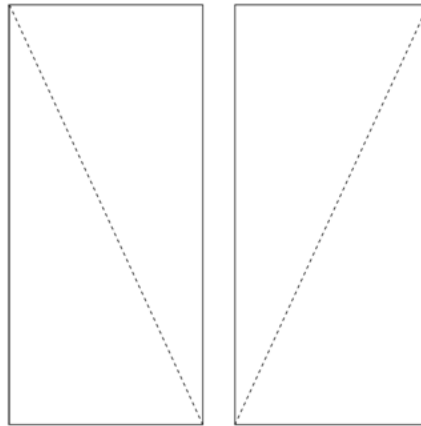
12. To make the number nine (green):

- Make as for the number six but upside down, to make the "9" shape.

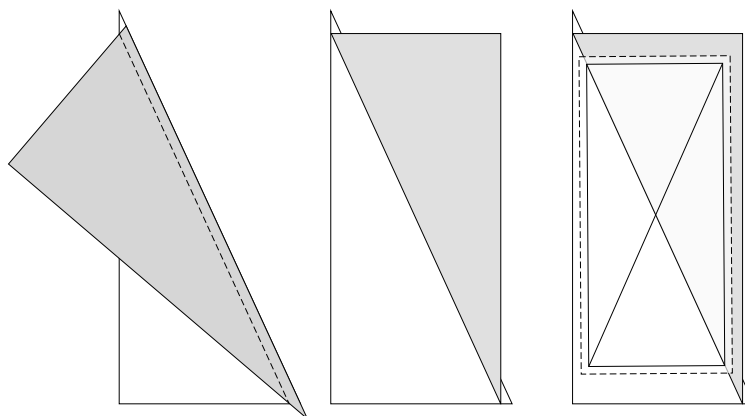
13. Sew the number boxes into two columns of five (following the layout in the main quilt image) with 3 1/2" x 12 1/2" number block joining strips of Galaxy Stars in between.
14. Sew together the two red LT 2 1/2" x 9 1/2" rectangles, the dark blue LT 2 1/2" x 9 1/2" rectangle and the rectangles of white Circuit Board into one long strip as shown below to make the body of the rocket.



15. To make the nose and fins of the rocket, cut the Spacemen and the Stars 6" x 13" (A\*) rectangles in half on the diagonal making sure to cut one of each on the diagonal top left to bottom right and one of each on the diagonal top right to bottom left (see fig below).
- \* The lettering used here and in the following paragraphs of the quilt top assembly instructions refers to the lettering used in the cutting instructions, the cutting diagram and the assembly diagram.



16. Sew the triangles into pairs, one Spacemen and one Stars, press open and use Template 1 to trim to size, making sure to align the diagonal line(s) on the template with the seam line. NB: if you print or trace this template onto freezer paper, you can press it to the fabric for easier cutting.



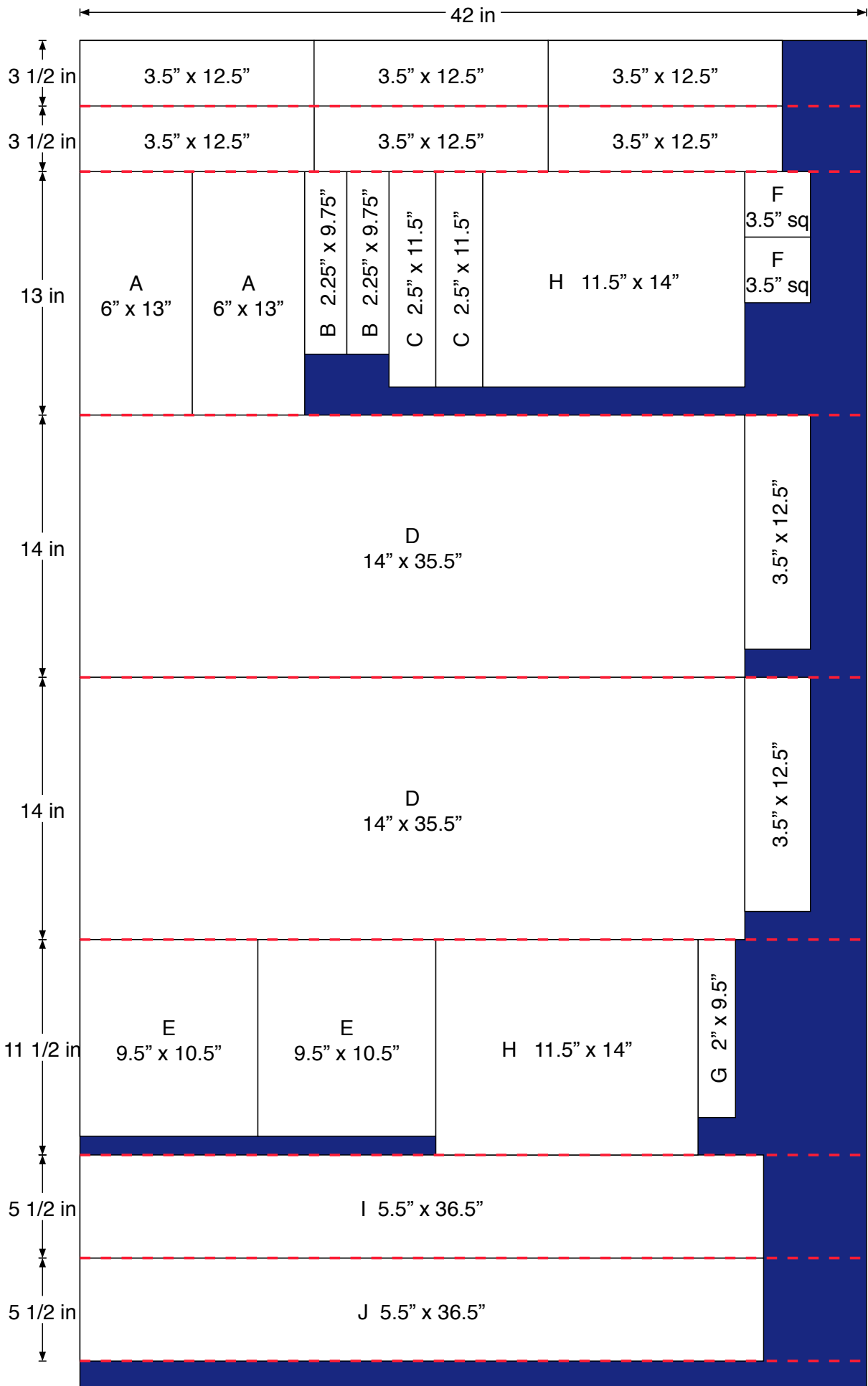
17. To make the flames coming out of the bottom of the rocket, first cut the two Stars 2 1/4" x 9 3/4" (B) rectangles in half on the diagonal in the same way as the rectangles were cut at step 15.
18. Foundation paper piece the flames using two Template 2s and one Template 3. Use the 3 1/2" x 7" mustard LT rectangles for section 1 on Template 2 and the Stars triangles cut at step 17 on sections 2 and 3.
19. Use the red 3 1/2" x 10" LT rectangle for section 1 on Template 3 and the Stars 2 1/2" x 11 1/2" Stars (C) rectangles for sections 2 and 3.
20. Trim to the dashed lines and remove papers from the back.

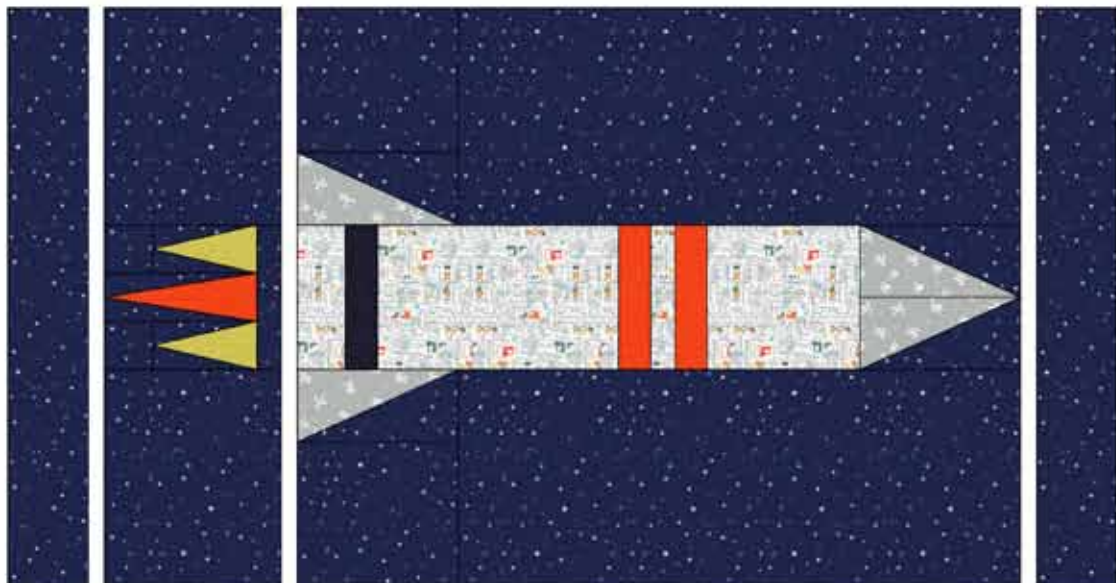
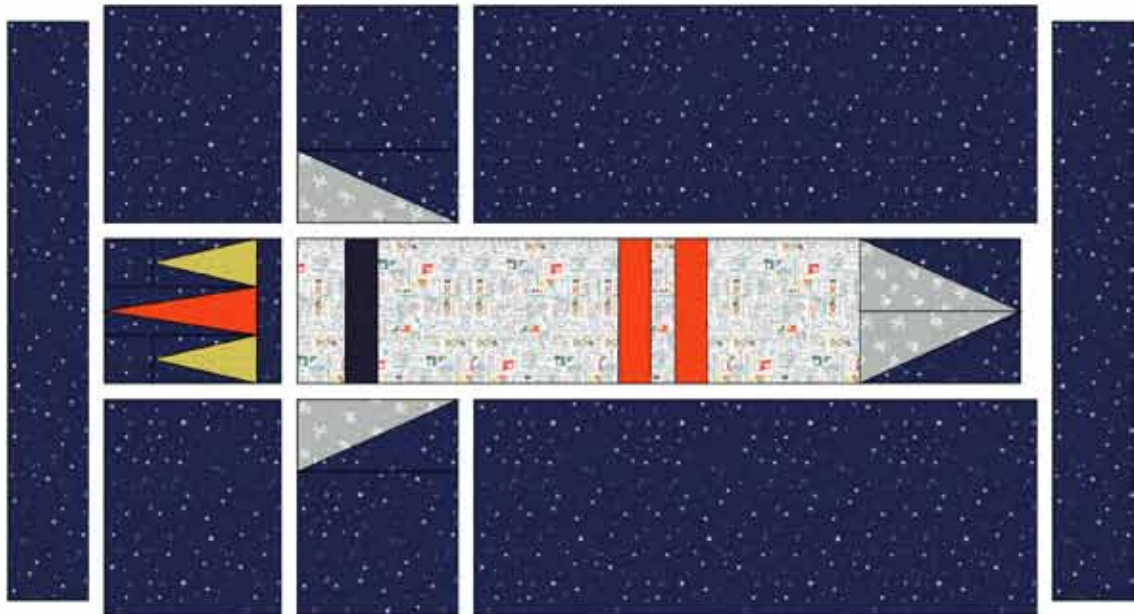
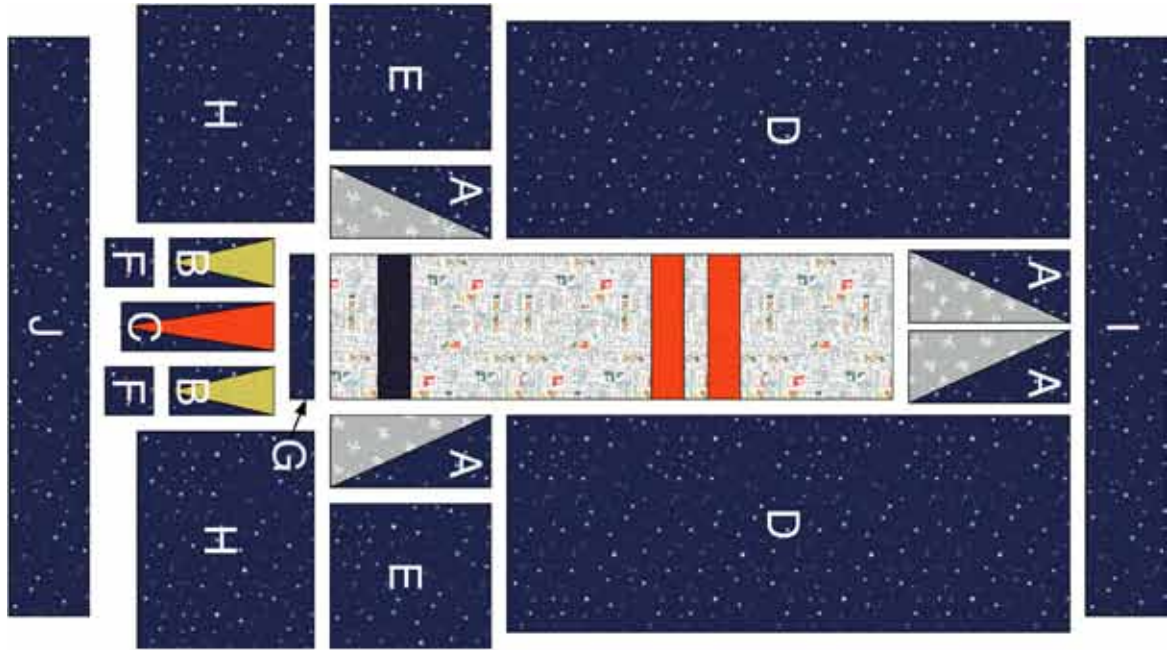
For steps 21 to 29, refer to the assembly diagram at the end of the pattern and press after each seam.

21. Sew two of the pieces made at 16 above together to make the nose of the rocket and sew to the top of the rocket piece made at 14 above. (The remaining two will make the rocket fins).
22. Sew a 9 ½" x 10 ½" stars rectangle (E) to one side of each of the Spacemen rocket fins.
23. Sew 14" x 35 ½" stars rectangles (D) to the top of each of these pieces.
24. Sew these to either side of the main rocket body.
25. Sew 3 ½" Stars squares (F) to the ends of the mustard flame pieces.
26. Sew the three flame sections together.
27. Sew a 2" x 9 ½" Stars rectangle (G) to the top of this piece.
28. Sew 11 ½" x 14" Stars rectangles (H) to either side of this piece.
29. Sew a 5 ½" x 36 ½" strip of Stars (I) to the top and a 5 ½" x 36 ½" strip of Stars (J) to the bottom of this piece.
30. Fuse the 2 ½" x 18" strips of bondaweb to the top of the Planets 10 ¼" x 36 ½" rectangle of fabric.  
NB: these two pieces should meet in the middle, leaving the ¼" seam allowance strip free at each side.
31. Fold this piece of fabric in half down the middle.
32. Tape together Templates 4A, 4B and 4C at the red join lines. Align the fold line on the template with the fold line on the fabric and cut out the top curve line. NB: the grey shaded part of the template will be aligned with the bondaweb.
33. Fuse the top of the Planets fabric to the bottom of the Stars fabric on the bottom of the Rocket section of the quilt top. NB: the bottom edge of the bondaweb will align with the bottom edge of the Stars fabric. Zigzag, straight or blanket stitch along the edge of the Planets fabric curve to secure.
34. Sew the two number sections to either side of the central quilt top section.
35. Sash the sides of the quilt top with the 3 ½" x 72 ½" and the top and bottom with the 3 ½" x 66 ½" Rockets strip to finish the quilt top.

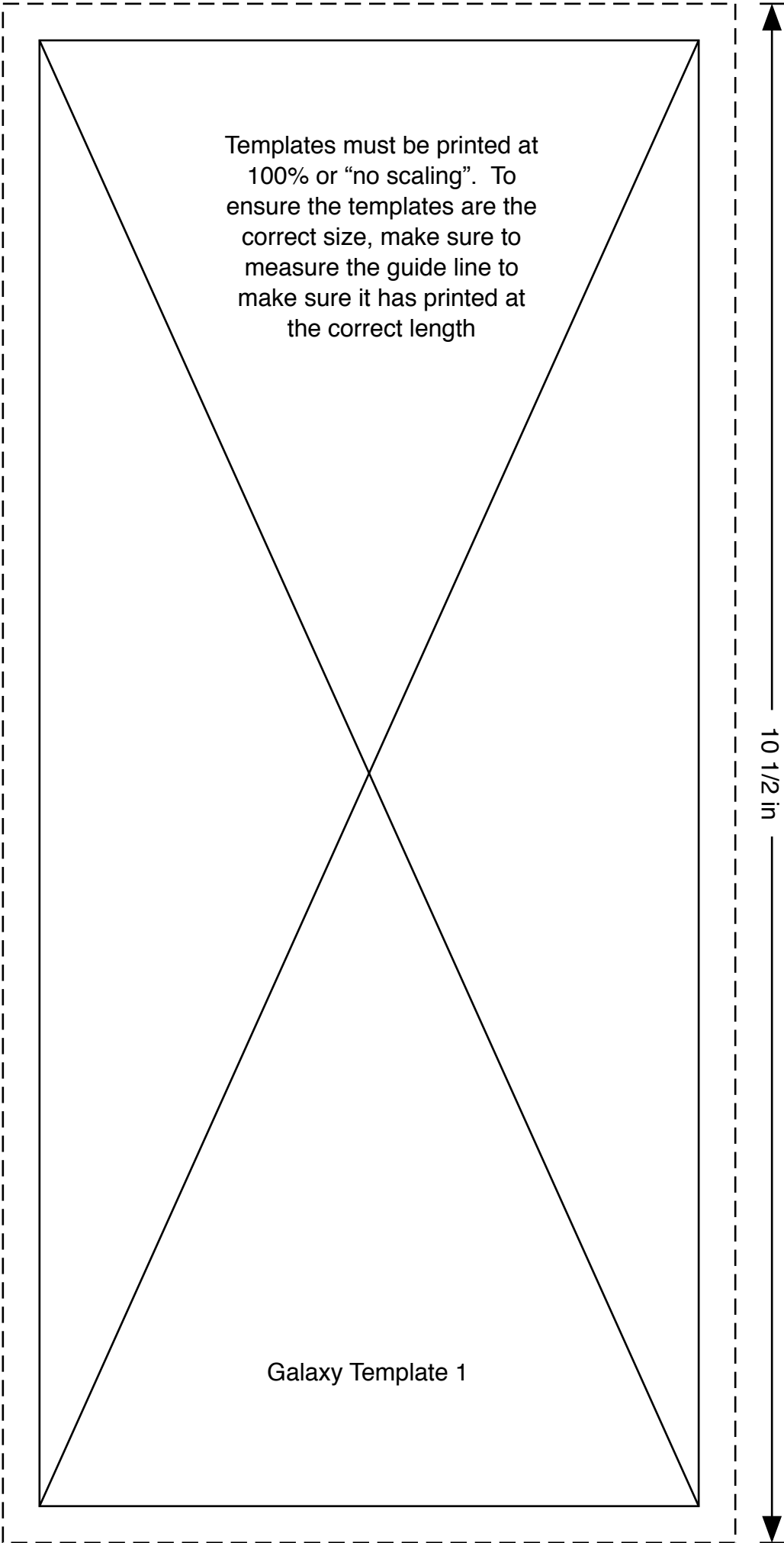
### **Finishing the quilt**

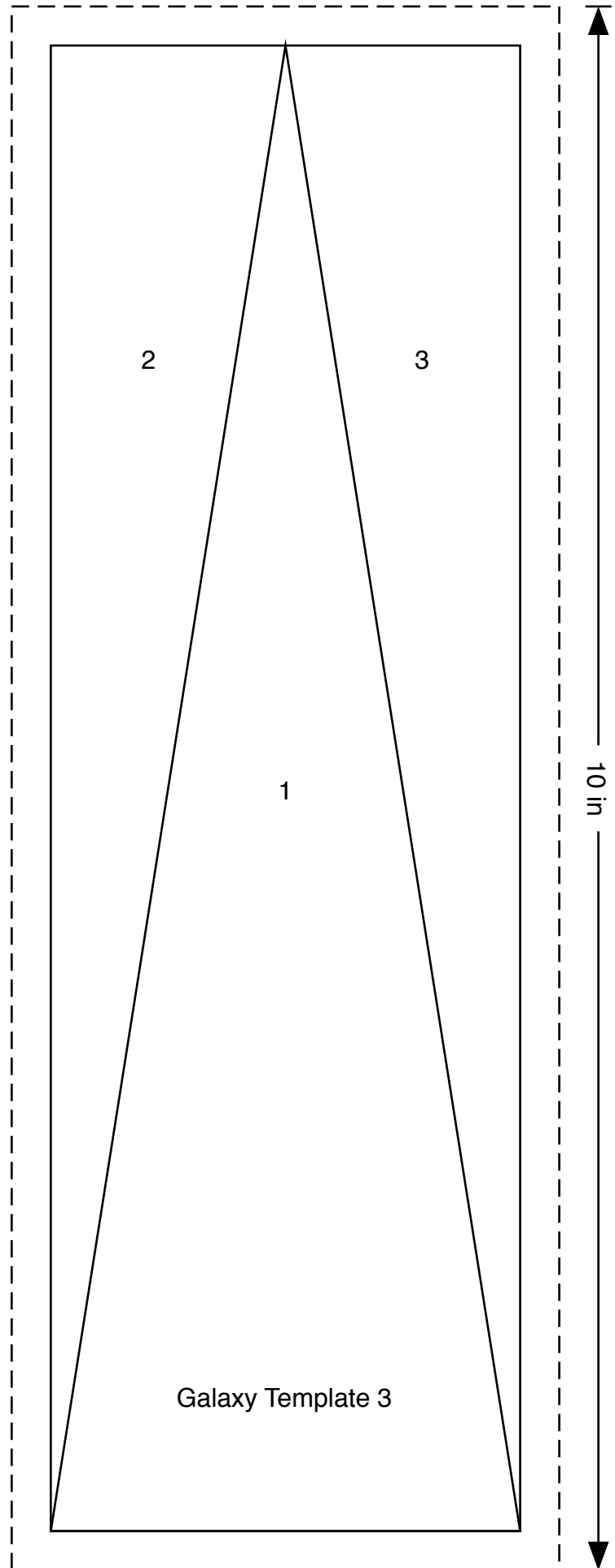
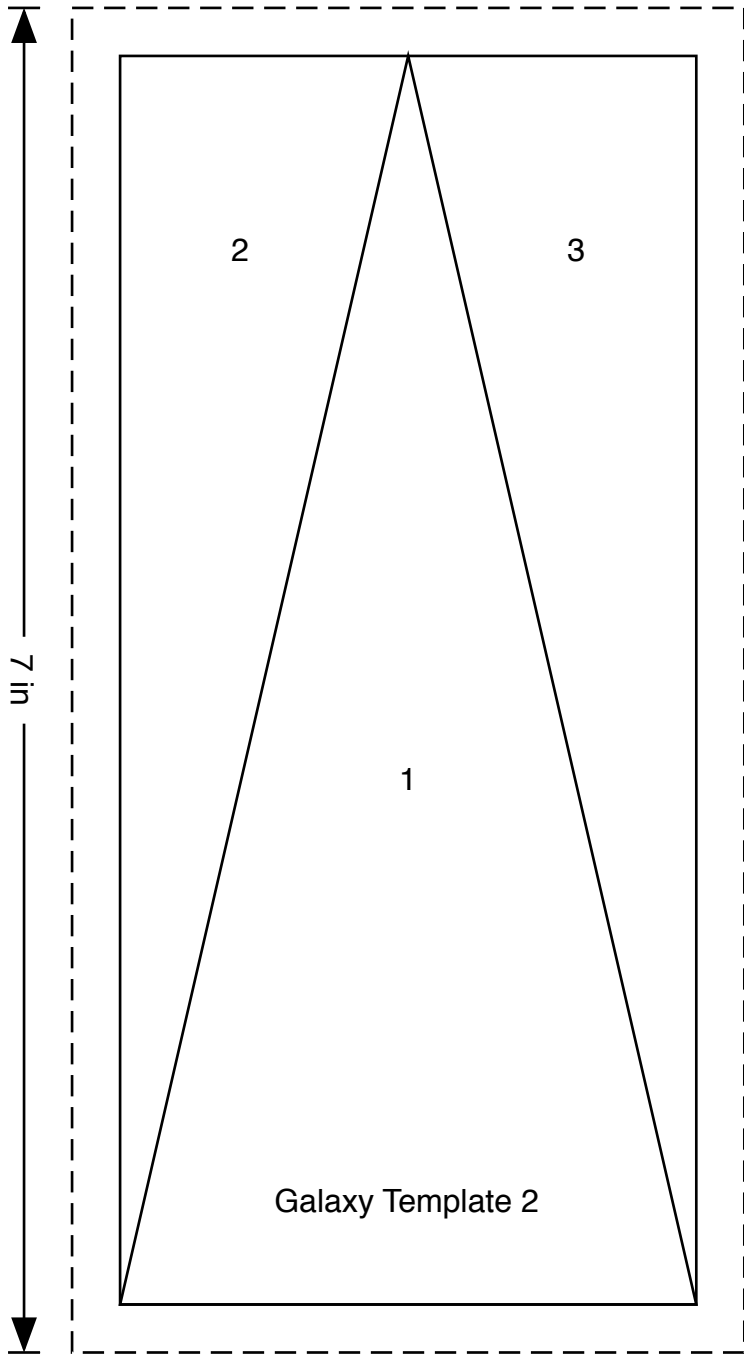
1. Sew the binding strips end to end using diagonal or straight seams as preferred and press wrong sides together along the length to make a double fold binding.
2. Make a quilt sandwich, basting together the quilt back, the wadding and the quilt top.
3. Quilt as desired then trim the quilt square, removing excess wadding and backing. We quilted an overall meander using a dark blue 40wt Aurifil thread on the front and back.
4. Bind the quilt taking care to mitre the corners.



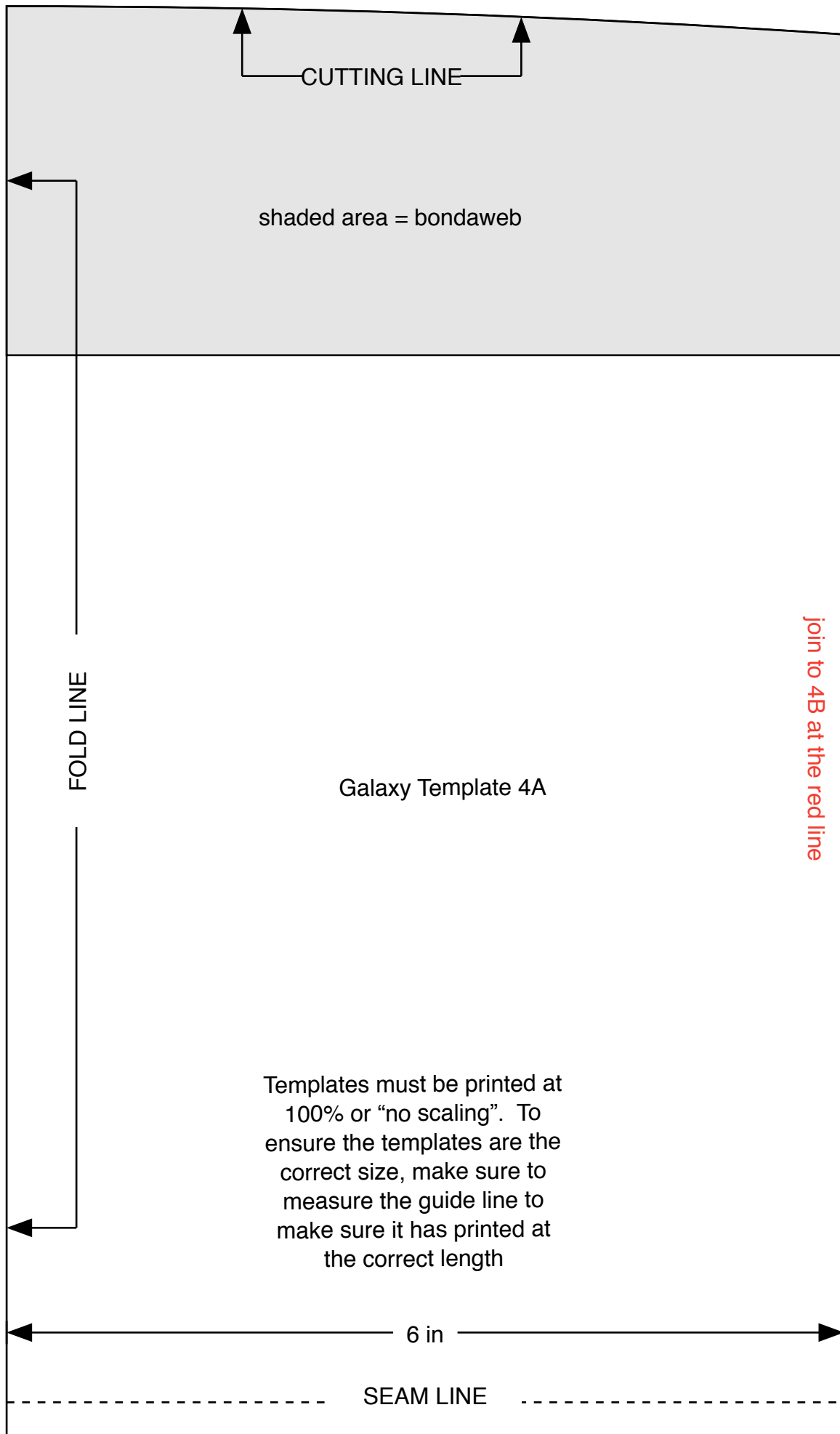


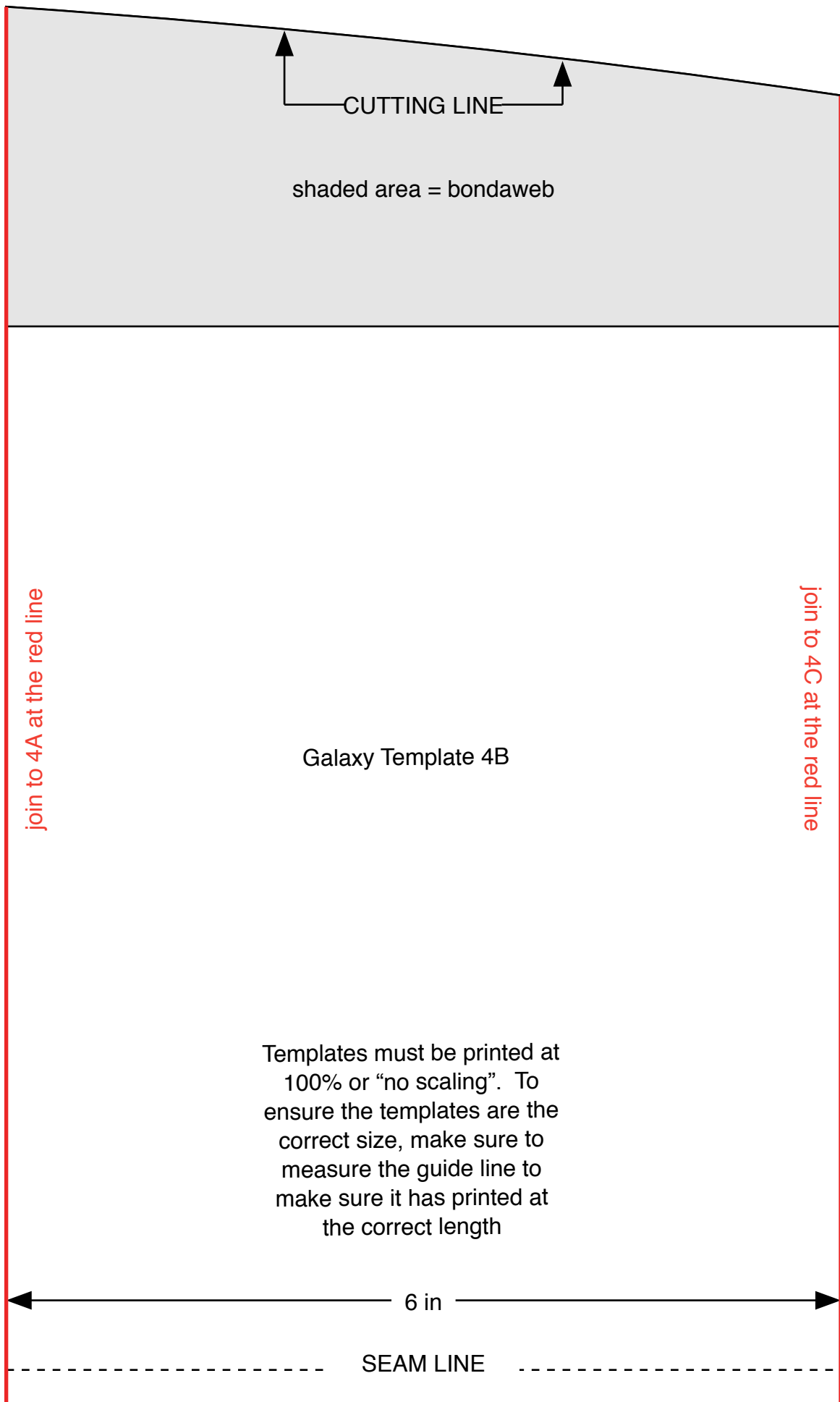




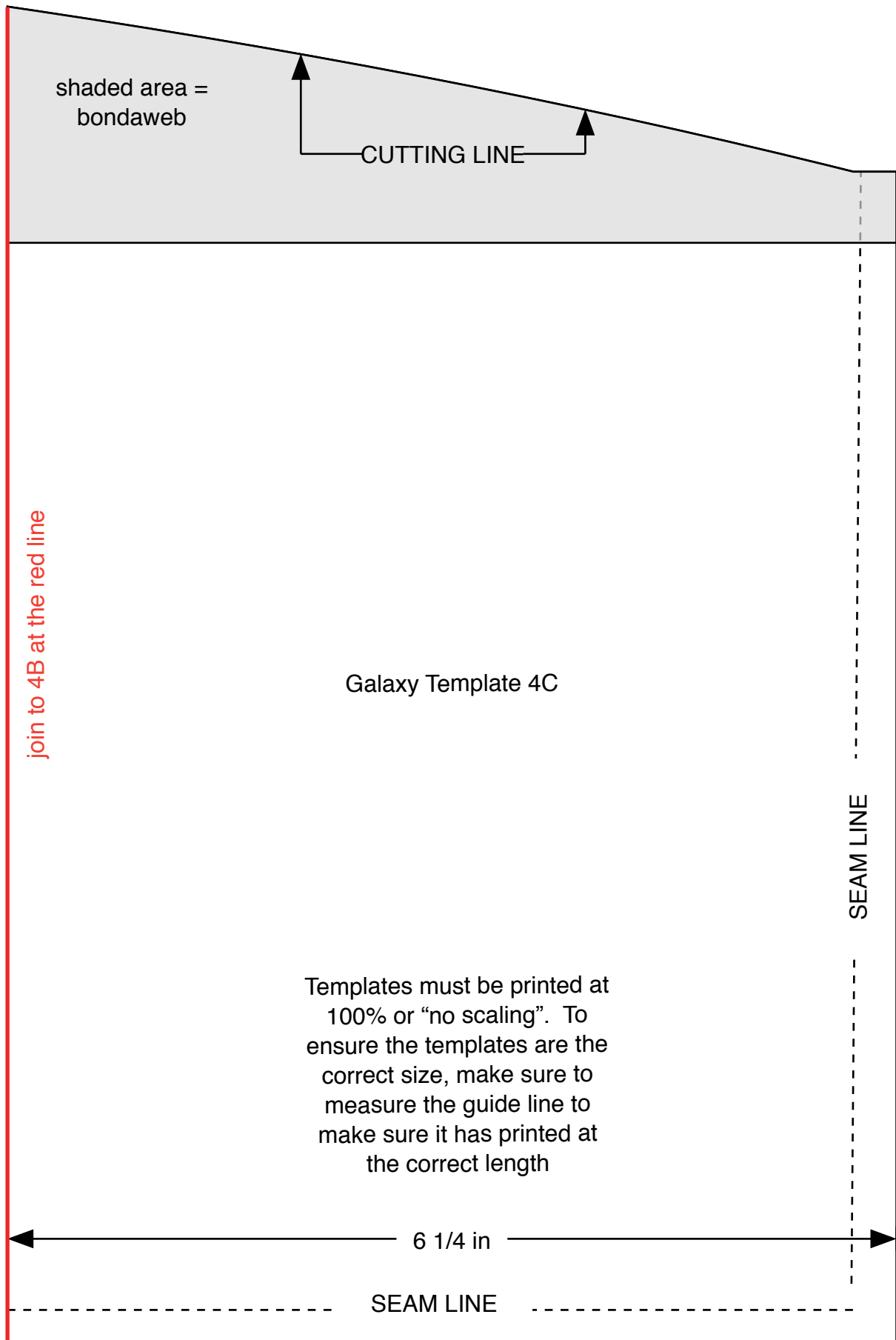


Templates must be printed at 100% or “no scaling”. To ensure the templates are the correct size, make sure to measure the guide line to make sure it has printed at the correct length







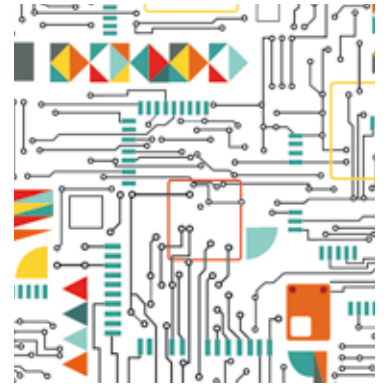




1751/1 Robots



1756/T Circuit Board



1756/W Circuit Board



1752/1 Rockets



1757/B Stars



1753/B Planets



1754/B Numbers



1755/T Spacemen



1755/S Spacemen



1754/W Numbers



1525/Y Linea



1525/G Linea



1525/T5 Linea



1525/N Linea



1525/B5 Linea



1525/B9 Linea



Galaxy Quilt by Lynne Goldsworthy of [lilysquilts.blogspot.com](http://lilysquilts.blogspot.com)

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Available to download free from [www.makoweruk.com](http://www.makoweruk.com)