

## Swimming Geese Quilt

This fun quilt has darling geese all swimming in rows. The blocks are in four colourways and feature fabrics mainly from the Maple Farm and Solid collections. There are also two gorgeous pillows to accompany this quilt - see www.tildasworld.com

## Materials

- Fabric 1: $5 \frac{1}{2}$ yds ( 5 m ) - Solid rosewood (120034)
- Fabric 2: $1 / 2 y d(50 \mathrm{~cm})$ - Solid dusty rose (120009)
- Fabric 3: 9in ( 23 cm ) square - Solid soft teal (120003)
- Fabric 4: 9in ( 23 cm ) square - Solid thistle (120012)
- Fabric 5: 9in ( 23 cm ) square - Solid warm sand (120002)
- Fabric 6: 9in $(23 \mathrm{~cm})$ square - Solid lavender pink (120010)
- Fabric 7: fat eighth (not long eighth) - Gracie teal (100279)
- Fabric $8: 1 / 4 y d(25 \mathrm{~cm})$ or fat quarter - Wheatflower dijon (100276)
- Fabric 9: fat eighth (not long eighth) - Pauline teal (100277)
- Fabric 10: $1 / 4 y d(25 \mathrm{~cm})$ or fat quarter - Cherrybush dijon (100280)
- Fabric 11: $1 / 4 \mathrm{yd}(25 \mathrm{~cm})$ or fat quarter - Gwendelyn dijon (100278)
- Fabric 12: fat eighth (not long eighth) - Gracie lavender (100273)
- Fabric 13: $1 / 4 \mathrm{yd}(25 \mathrm{~cm})$ or fat quarter - Birdie bluebird (100271)
- Fabric 14: fat eighth (not long eighth) - Pauline blueberry (100274)
- Fabric 15: $1 / 4 y d(25 \mathrm{~cm})$ or fat quarter - Cherrybush slate (100275)
- Fabric 16: $1 / 4 \mathrm{yd}(25 \mathrm{~cm})$ or fat quarter - Gwendelyn blueberry (100272)
- Fabric 17: fat eighth (not long eighth) - Gracie sand (100267)
- Fabric 18: fat eighth (not long eighth) - Wheatflower umber (100269) - you will have spare backing fabric you could use instead of buying this fat eighth
- Fabric 19: fat eighth (not long eighth) - Pauline umber (100268)
- Fabric 20: $1 / 8 y d(15 \mathrm{~cm})$ or fat eighth - Cherrybush sand (100266)
- Fabric 21: $1 / 8 y d(15 \mathrm{~cm})$ or fat eighth - Gwendelyn umber (100270)
- Fabric 22: fat eighth (not long eighth) - Pauline mauve (100264)
- Fabric 23: fat eighth (not long eighth) - Wheatflower rosehip (100261)
- Fabric 24: fat eighth (not long eighth) - Cherrybush mauve (100262)
- Fabric 25: $1 / 8 y d(15 \mathrm{~cm})$ or fat eighth - Birdie rosehip (100265)
- Fabric 26: $1 / 8 y d(15 \mathrm{~cm})$ or fat eighth - Gwendelyn rosehip (100263)
- Wadding (batting) 75 in $\times 86$ in ( $190.5 \mathrm{~cm} \times 218.5 \mathrm{~cm}$ )
- Backing fabric: $43 / 4 \mathrm{yds}(4.4 \mathrm{~m})$ - Wheatflower umber (100269)
- Binding fabric $5 / 8 y d(60 \mathrm{~cm})$ - Gracie sand (100267)
- Stranded embroidery cotton in black or dark grey for eye embroidery
- Piecing and quilting threads
- Quilter's ruler, rotary cutter and mat


## Fabric Note

A fat eighth is assumed to be approximately $101 / 2 \mathrm{in} \times 18 \mathrm{in}(26.7 \mathrm{~cm} \times 45.7 \mathrm{~cm})$ and a fat quarter approximately $21 \mathrm{in} \times 18 \mathrm{in}(53.3 \mathrm{~cm} \times 45.7 \mathrm{~cm})$. Note that sometimes a fat eighth can be used but not a long eighth.

## Finished Size

$671 / 2 \mathrm{in} \times 78 \mathrm{in}$ ( $171.5 \mathrm{~cm} \times 198 \mathrm{~cm}$ )

## General Notes

- Fabric quantities are based on a usable width of 42 in ( 107 cm ), unless otherwise stated.
- Measurements are in imperial inches with metric conversions in brackets - use only one system throughout (preferably inches).
- Width measurements are generally given first.
- Press all fabrics before cutting.
- Use $1 / 4 \mathrm{in}(6 \mathrm{~mm})$ seams unless otherwise instructed.
- Read all the instructions through before you start.


## Quilt Layout

1 The quilt has a $4 \times 5$ block layout, with an extra row of geese feet units at the bottom of the quilt. A narrow border surrounds the blocks, with a slightly wider border on the right-hand side. The geese are in four different colourways. See Fig A for the fabrics used and Fig B for the quilt layout.

Fig A Fabric swatches (Swimming Geese Quilt)


Fig B Quilt layout


## Cutting Out

2 There are two types of block for this quilt - one where the goose has no feet (the top row of the quilt, Block 1 and Block 2) and one where feet are included (remaining rows of the quilt, Block 1A, 2A, 3A and 4A). The feet of one goose are therefore included in the block below. The bottom row of the quilt is made up of four feet units. Fig C shows the cut pieces needed for the blocks and feet units, while Fig D shows the positions of the fabrics, so follow these diagrams carefully when cutting out.

3 Fig E shows the positions of the blocks within the quilt and the number of each block you will need to make.

4 There are 120 small half-square triangle (HST) units needed for all of the geese feet, so you might want to cut the squares needed for these before you start making the quilt. The HSTs are made using a two-at-once technique, where each pair of squares makes two HSTs. You will need sixty $15 / 8 \operatorname{in}(4.2 \mathrm{~cm})$ squares (w) of Fabric 1 and sixty of Fabric 2.

5 For the outer border cut the following pieces from Fabric 1 (across the width of the fabric).

- Border strip A (for the left-hand side of the quilt) - two strips $1 \frac{1}{2}$ in $\times 381 / 4 \mathrm{in}(3.8 \mathrm{~cm} \times$ 97.2 cm ). Sew the strips together and press the seam open.
- Border strip B (for the right-hand side of the quilt) - two strips $21 / 2 \mathrm{in} \times 381 / 4 \mathrm{in}(6.4 \mathrm{~cm} \mathrm{x}$ 97.2 cm ). Sew the strips together and press the seam open.
- Border strip C (for the top and bottom of the quilt) - four strips $34 \mathrm{in} \mathrm{x} 11 / 2 \mathrm{in}(86.4 \mathrm{~cm} \mathrm{x}$ 3.8 cm ). Sew the strips together into two pairs and press the seams open.

6 Cut the backing fabric into two pieces, each width of fabric x about 86 in ( 218.5 cm ) long. Sew the pieces together along the length and then trim to a piece about $75 \mathrm{in} \mathrm{x} 86 \mathrm{in}(190.5 \mathrm{~cm}$ $\mathrm{x} 218.5 \mathrm{~cm})$.

7 Cut the binding fabric into eight strips $2 \frac{1}{2}$ in $(6.4 \mathrm{~cm}) \mathrm{x}$ width of fabric. Sew them together end to end and press seams open. Press in half along the length, wrong sides together.

Fig C Layout and cutting for the blocks
Sizes include seam allowances
All pieces to be cut initially as squares or rectangles


## Geese in Row 1

a $31 / 2 \mathrm{in} \times 1$ in $(9 \mathrm{~cm} \times 2.5 \mathrm{~cm})$
b $31 / 2$ in $\times 2$ in $(9 \mathrm{~cm} \times 5.1 \mathrm{~cm})$
c 3 in $(7.6 \mathrm{~cm})$ square
d $11 / 4$ in $(3.2 \mathrm{~cm})$ square
e 1 in $(2.5 \mathrm{~cm})$ square
f 4 in $\times 51 / 2$ in $(10.2 \mathrm{~cm} \times 14 \mathrm{~cm})$
g $21 / 2 \mathrm{in} \times 51 / 2 \mathrm{in}(6.4 \mathrm{~cm} \times 14 \mathrm{~cm})$
h 4 in $\times 71 / 2$ in $(10.2 \mathrm{~cm} \times 19 \mathrm{~cm})$
i $31 / 2$ in $\times 71 / 2$ in $(9 \mathrm{~cm} \times 19 \mathrm{~cm})$
j $31 / 2$ in $(9 \mathrm{~cm})$ square
k $71 / 2 \operatorname{in} \times 21 / 2 \mathrm{in}(19 \mathrm{~cm} \times 6.4 \mathrm{~cm})$
l $21 / 2 \mathrm{in}(6.4 \mathrm{~cm})$ square
m 3 in $\times 21 / 2 \mathrm{in}(7.6 \mathrm{~cm} \times 6.4 \mathrm{~cm}$ )
n 2 in $(5.1 \mathrm{~cm})$ square
o 10 in $\times 21 / 2$ in $(25.4 \mathrm{~cm} \times 6.4 \mathrm{~cm})$
p $21 / 2$ in $(6.4 \mathrm{~cm})$ square
q $10 \mathrm{in} \times 31 / 2 \mathrm{in}(25.4 \mathrm{~cm} \times 9 \mathrm{~cm})$
r $31 / 2$ in $(9 \mathrm{~cm}$ ) square
s $11 / 2 \mathrm{in}(3.8 \mathrm{~cm})$ square
t $11 \mathrm{in} \times 8 \mathrm{in}(28 \mathrm{~cm} \times 20.3 \mathrm{~cm})$

## Block size

$161 / 2$ in $\times 15 \mathrm{in}(42 \mathrm{~cm} \times 38.1 \mathrm{~cm})$ unfinished


Geese in Rows 2, 3, 4 and 5
a $31 / 2 \mathrm{in} \times 1 \mathrm{in}(9 \mathrm{~cm} \times 2.5 \mathrm{~cm})$
b $31 / 2 \mathrm{in} \times 2 \mathrm{in}(9 \mathrm{~cm} \times 5.1 \mathrm{~cm})$
c 3 in $(7.6 \mathrm{~cm})$ square
d $11 / 4 \mathrm{in}(3.2 \mathrm{~cm})$ square
e 1 in $(2.5 \mathrm{~cm})$ square
f $4 \mathrm{in} \times 51 / 2$ in $(10.2 \mathrm{~cm} \times 14 \mathrm{~cm})$
g $21 / 2$ in $\times 51 / 2$ in $(6.4 \mathrm{~cm} \times 14 \mathrm{~cm})$
h $4 \mathrm{in} \times 71 / 2 \mathrm{in}(10.2 \mathrm{~cm} \times 19 \mathrm{~cm})$
i $31 / 2 \mathrm{in} \times 71 / 2$ in $(9 \mathrm{~cm} \times 19 \mathrm{~cm})$
j $31 / 2 \mathrm{in}(9 \mathrm{~cm})$ square
k $71 / 2$ in $\times 21 / 2$ in $(19 \mathrm{~cm} \times 6.4 \mathrm{~cm})$
l $2 \frac{1}{2}$ in $(6.4 \mathrm{~cm})$ square
m $\operatorname{3in} \times 2 \frac{1}{2}$ in $(7.6 \mathrm{~cm} \times 6.4 \mathrm{~cm})$
n 2 in $(5.1 \mathrm{~cm})$ square
o $10 \mathrm{in} \times 21 / 2 \mathrm{in}(25.4 \mathrm{~cm} \times 6.4 \mathrm{~cm})$
p $21 / 2 i n(6.4 \mathrm{~cm})$ square
q $10 \mathrm{in} \times 31 / 2 \mathrm{in}(25.4 \mathrm{~cm} \times 9 \mathrm{~cm})$
r $31 / 2 \mathrm{in}(9 \mathrm{~cm})$ square
s $1 \frac{1}{2}$ in ( 3.8 cm ) square
t $11 \mathrm{in} \times \operatorname{Sin}(28 \mathrm{~cm} \times 12.7 \mathrm{~cm})$
u $31 / 2 \mathrm{in}(9 \mathrm{~cm})$ square
v $31 / 3$ in $(8 \mathrm{~cm})$ square, for $23 / 4$ in ( 7 cm ) unfinished half-square triangle units
w $15 / 8 \mathrm{in}(4.2 \mathrm{~cm}$ ) square, for $11 / 4$ in ( 3.2 cm ) unfinished half-square triangle units
x $1 \frac{1}{2}$ in $\times 31 / 2 i n(3.8 \mathrm{~cm} \times 9 \mathrm{~cm})$
y $21 / 2 \mathrm{in} \times 31 / 2 \mathrm{in}(6.4 \mathrm{~cm} \times 9 \mathrm{~cm})$

## Bottom Row

u 9 in $\times 31 / 2$ in ( $22.9 \mathrm{~cm} \times 9 \mathrm{~cm}$ )
v $31 / 8 \mathrm{in}(8 \mathrm{~cm})$ square, for $23 / 4 \mathrm{in}(7 \mathrm{~cm})$ unfinished half-square triangle units
w $15 / 8 \mathrm{in}(4.2 \mathrm{~cm})$ square, for $11 / 4 \mathrm{in}(3.2 \mathrm{~cm})$ unfinished half-square triangle units
$x 11 / 2$ in $\times 31 / 2$ in $(3.8 \mathrm{~cm} \times 9 \mathrm{~cm})$
y $21 / 2 \operatorname{in} \times 31 / 2 \operatorname{in}(6.4 \mathrm{~cm} \times 9 \mathrm{~cm})$
Fig D Fabrics used for the four different colourways
Numbers indicate fabrics used (see also Fig A). Make the numbers of blocks indicated in Fig E

## Block 1



## Block 3A



Block 2


Block 4A


Fig E Blocks needed
Geese Block 1 - make 2
Geese Block 2 - make 2
Geese Block 1A - make 4
Geese Block 2A - make 4
Geese Block 3A - make 4
Geese Block 4A - make 4
Feet units alone - make 4


## Making a Block (for Row 1)

8 Block 1 will be described in detail. There are three main techniques used in a block - halfrectangle triangles, corner triangles and half-square triangles (HST). We will describe these techniques first, so refer back to these as needed.

9 Making half-rectangle triangle units: Just one of these units is used in each block, for the beak of the bird, using ab rectangle of Fabric 1 and Fabric 2. Follow the stages in Fig F. Start by marking the $1 / 4$ in ( 6 mm ) seam allowances and dots at the corners, on the right side (RS) of the Fabric 1 piece and the wrong side (WS) of the Fabric 2 piece. On the Fabric 2 piece, mark a diagonal line from corner to corner of the seam allowance in the direction shown in Fig F 1. Place the fabrics right sides together, angling the Fabric 2 piece, so the dots on the diagonal line match the dots on the fabric beneath (Fig F 2). Pin in place and then sew along the diagonal line. Trim excess fabric $1 / 4 \mathrm{in}(6 \mathrm{~mm})$ from the sewn line (Fig F 3) and press the triangle into place. Check the unit is $31 / 2$ in $\times 2 \mathrm{in}(9 \mathrm{~cm} \times 5.1 \mathrm{~cm})$, as shown in Fig F 4.

Fig F Making a half-rectangle triangle unit

1


2


3


4


10 Making a corner triangle unit: Corner triangles are created from a square to begin with. Follow the basic stages of sewing shown in Fig G 1. Make sure you choose the correct fabrics and sizes. Fig G 2 shows that the head unit has three corner triangles, however other pieces only have one corner triangle (two examples are shown).

Fig G Making a corner triangle unit


The head unit has three corner triangles
 one corner triangle

11 Making half-square triangle units: There are two sizes of HST units used in the geese feet $-\mathbf{v}$ squares and smaller $\mathbf{w}$ squares, but the method of making them is the same. The method described here makes two units at once, with an example shown in Fig H. Take one square of Fabric 1 and one of Fabric 2. On the wrong side of the lighter square, pencil mark the diagonal line, as shown. Place the two squares right sides together and sew a scant $1 / 4 \mathrm{in}$ $(6 \mathrm{~mm})$ away from the marked line on both sides. Cut the units apart along the marked line and press the units (normally towards the darker fabric). Check each unit is the size it is meant to be. For the larger HSTs in the upper part of the foot this should be $23 / 4 \mathrm{in}(7 \mathrm{~cm})$ square (unfinished) and you will need to make a total of forty HSTs. For the smaller unit on the webbed part of the foot this should be $11 / 4 \mathrm{in}(3.2 \mathrm{~cm})$ square (unfinished) and you will need to make a total of 120 HSTs .

Fig H Making half-square triangle units


12 Make all of the units needed for one block, creating corner units where needed. Now lay the units out as in Fig I.

Fig I Units for one block (no feet)


13 Assembling a block: Here, we will describe assembling a block for the top row of the quilt, where there is no unit for the feet. (Further on, we will describe making a foot unit and assembling a block with feet.) Begin by sewing the pieces together for the head and neck unit, as shown in Fig J.

Fig J Assembling the head and neck unit


14 Now sew the pieces together for the chest unit, as shown in $\mathbf{F i g} \mathbf{K}$, and then the body unit as in Fig L.

Fig K Assembling the chest unit


Fig L Assembling the body unit


15 Sew the block together, using the units you have sewn, plus piece $\mathbf{s} / \mathbf{t}$, following $\mathbf{F i g} \mathbf{M}$. Check the block is $161 / 2$ in $\times 15 \mathrm{in}(42 \mathrm{~cm} \times 38.1 \mathrm{~cm})$. Repeat this to sew the other three blocks for the top row of the quilt, changing fabrics as needed (see Fig E).

Fig M Assembling the block


## Making a Block (for the remaining rows)

16 The rest of the blocks are made in the same way, but the foot unit takes the place of piece $\mathbf{t}$, which is shorter in height to allow for the feet unit. Follow Steps 8-14 to sew the head/neck, chest and body units. To make the feet unit, you will need the two different sizes of half-square triangle units and follow the stages in Fig N.

Fig $\mathbf{N}$ Assembling a foot unit for a block


17 Sew the block together using the units you have sewn, plus piece $\mathbf{s} / \mathbf{t}$, and the foot unit, as shown in $\mathbf{F i g} \mathbf{O}$ (Block 3A is shown in the diagram). Check the block is $16 \frac{1}{2}$ in x 15 in ( 42 cm $x 38.1 \mathrm{~cm}$ ). Repeat this to sew the remaining blocks needed for the quilt, changing fabrics as needed (see Fig E).

Fig O Assembling a block with foot unit


18 When all of the blocks are made, embroider the eyes using six strands of stranded cotton and working a French knot on the head of each goose.

## Making a Foot Unit (for the bottom row)

19 The four units at the base of the quilt are made in the same way as the block foot unit but piece $\mathbf{u}$ on the right-hand side is longer - see Fig P. Once sewn, each unit should be 161/2in x $31 / 2 \mathrm{in}(42 \mathrm{~cm} \mathrm{x} 9 \mathrm{~cm}$ ).

Fig P Assembling a foot unit at the bottom of the quilt.


## Assembling the Quilt

20 Arrange the blocks in rows, as shown in Fig E. Sew each row of blocks together, pressing the seams in Rows 1, 3 and 5 in the opposite direction to Rows 2, 4 and the bottom row. Now sew the rows together matching seam junctions neatly. Press the seams in one direction.

21 To add the border, take the $1 \frac{1}{2}$ in $\times 381 / 4$ in ( $3.8 \mathrm{~cm} \times 97.2 \mathrm{~cm}$ ) A strip and sew it to the lefthand side of the quilt $(\mathbf{F i g} \mathbf{Q})$. Press the seam outwards. Take the $21 / 2$ in $\times 381 / 4 \mathrm{in}(6.4 \mathrm{~cm} \times$ 97.2 cm ) B strip and sew it to the right-hand side of the quilt. Press the seam outwards. Finally, take the $34 \mathrm{in} \times 1 \frac{1}{2} \mathrm{in}(86.4 \mathrm{~cm} \times 3.8 \mathrm{~cm}) \mathrm{C}$ strips and sew them to the top and bottom of the quilt, pressing the seams outwards. Your quilt top is now finished.

Fig $\mathbf{Q}$ Adding the border


## Quilting and Finishing

22 If you are quilting the quilt yourself you now need to make a quilt sandwich - you can do this in various ways, as follows.

- Use large stitches to tack (baste) a grid through the layers of the quilt in both directions, with lines about 4 in ( 10 cm ) apart.
- Use pins or safety pins to fix the layers together.
- Use fabric glue, sprayed onto the wadding (batting) to fix the layers together.

If you are sending the quilt off to be commercially long-arm quilted you won't need to make a sandwich, as this is done when the quilt is mounted on the machine. When the layers of the quilt are secured you can quilt as desired. When all quilting is finished, square up the quilt ready for binding.

23 Use the prepared double-fold binding strip to bind your quilt. Sew the binding to the quilt by pinning the raw edge of the folded binding against the raw edge of the quilt. Don't start at a corner. Using a $1 / 4 \mathrm{in}(6 \mathrm{~mm})$ seam, sew the binding in place, starting at least $6 \mathrm{in}(15.2 \mathrm{~cm})$ away from the end of the binding. Sew to within a $1 / 4 \mathrm{in}(6 \mathrm{~mm})$ of a corner and stop. Take the quilt off the machine and fold the binding upwards, creating a mitred corner. Hold this in place, fold the binding back down and pin it in place. Begin sewing the $1 / 4 \mathrm{in}$ ( 6 mm ) seam again from the top of the folded binding to within $1 / 4 \mathrm{in}(6 \mathrm{~mm})$ of the next corner and then repeat the folding process. Do this on all corners. Leave a 6 in ( 15.2 cm ) 'tail' of unsewn binding at the end.

24 To join the two ends of the binding, open up the beginning and end of the binding tails, lay them flat and fold the ends back so the two ends touch. Mark these folds by creasing or with pins - this is where your seam needs to be. Open out the binding and sew the pieces together at these creases. Trim off excess fabric and press the seam. Re-fold the binding and finish stitching it in place on the front of the quilt.

25 With the quilt right side up, use a medium-hot iron to press the binding outwards all round. Now begin to turn the binding over to the back of the quilt, pinning it in place. Use matching sewing thread and tiny stitches to slipstitch the binding in place all round, creating neat mitres at each corner. Press the binding and your charming quilt is finished.

