

## Fendan

## Rainbow Waves

Featuring Zuma by Tula Pink
This beautiful quilt is both paper pieced and traditionally pieced to create these beautiful waves of color motion. Zuma is the perfect collection to team with this project.

Collection:
Zuma by Tula Pink

Technique:
Piecing, Paper Piecing, Quilting
Skill Level Advanced

Crafting Time: Longer Term*
Finished Size: $\quad 80 " \times 96 "(203.20 \mathrm{~cm} \times 243.84 \mathrm{~cm})$
*Crafting time based on Advanced skill leve

Rainbow Waves

Project designed by Stacey Day
Tech edited by Linda Turner Griepentrog and Kathryn Patterson

## Fabric Requirements

DESIGN
(A) Sea Stallion
(B) Sea Stallion
(C) Sea Stallion
(D) Sea Bloom
(E) Sea Bloom
(F) Sea Bloom
(G) Sea Shells
(H) Sea Shells
(I) Sea Shells
(J) White Caps
(K) White Caps
(L) White Caps
(M) Stingray
(N) Stingray
(O) Stingray
(P) High Tide
(Q) High Tide
(R) High Tide
(S) Glitter Litter
(T) Glitter Litter
(U) Glitter Litter
(V) Tower 7
(W) Tower 7
(X) Tower 7
(Y) Tent Stripe

COLOR
Aqua Marine Glow Fish Sea Glass Aqua Marine Glow Fish Sea Glass Aqua Marine Glow Fish Sea Glass Aqua Marine Glow Fish Sea Glass Aqua Marine Glow Fish Sea Glass Aqua Marine Glow Fish Sea Glass Aqua Marine Glow Fish Sea Glass Aqua Marine Glow Fish Sea Glass Begonia

ARTICLE CODE
PWTP119.AOUAM PWTP119.GLOWF PWTP119.SEAGL PWTP120.AQUAM PWTP120.GLOWF PWTP120.SEAGL PWTP121.AQUAM PWTP121.GLOWF PWTP121.SEAGL PWTP122.AQUAM PWTP122.GLOWF PWTP122.SEAGL PWTP123.AQUAM PWTP123.GLOWF PWTP123.SEAGL PWTP124.AQUAM PWTP124.GLOWF PWTP124.SEAGL PWTP125.AQUAM PWTP125.GLOWF PWTP125.SEAGL PWTP126.AQUAM PWTP126.GLOWF PWTP126.SEAGL PWTP069.BEGON

YARDAGE
$3 / 8$ yard ( 34.29 cm ) $3 / 8$ yard $(34.29 \mathrm{~cm})$ 2/3 yard $(60.96 \mathrm{~cm})$ $1 / 4$ yard $(22.86 \mathrm{~cm})$ $1 / 4$ yard $(22.86 \mathrm{~cm})$ $3 / 4$ yard $(68.58 \mathrm{~cm})$ $2^{½}$ yards ( 2.29 m ) $1 / 4$ yard $(22.86 \mathrm{~cm})$ $1 / 2$ yard $(45.72 \mathrm{~cm})$ $3 / 8$ yard $(34.29 \mathrm{~cm})$
$1 / 2$ yard $(45.72 \mathrm{~cm})$ $5 / 8$ yard $(57.15 \mathrm{~cm})$ $1 / 2$ yard $(45.72 \mathrm{~cm})$ $3 / 8$ yard $(34.29 \mathrm{~cm})$
$3 / 4$ yard $(68.58 \mathrm{~cm})$ $1 / 2$ yard $(45.72 \mathrm{~cm})$
$1 / 4$ yard $(22.86 \mathrm{~cm})$
$1 / 2$ yard $(45.72 \mathrm{~cm})$
$3 / 8$ yard $(34.29 \mathrm{~cm})$ 2½ yards ( 2.29 m )
$2 / 3$ yard $(60.96 \mathrm{~cm})$
$3 / 8$ yard $(34.29 \mathrm{~cm})$
$1 / 2$ yard $(45.72 \mathrm{~cm})$
$3 / 8$ yard $(34.29 \mathrm{~cm})$
$1 / 2$ yard $(45.72 \mathrm{~cm})$ *

(F)

(K)

(P)

(U)

(B)

(G)

(L)

(Q)

(V)

(C)

(H)

(M)

(R)

(W)

(D)

(I)

(N)

(S)

(X)
(T)

(E)

(J)

(O)


(Y)

Rainbow Waves

Fabric Requirements

| DESIG |  | COLOR | ARTICLE CODE | YARDAGE |
| :---: | :---: | :---: | :---: | :---: |
| (Z) | Tent Stripe | Petunia | PWTP069.PETUN | $1 / 2$ yard ( 45.72 cm )* |
| (AA) | Pom Pom | Marigold | PWTP118.MARIG | $3 / 8$ yard ( 34.29 cm ) |
| (BB) | Pom Pom | Poppy | PWTP118.POPPY | $1 / 4$ yard ( 22.86 cm ) |
| (CC) | Designer Essentials Solids | Aegean | CSFSESS.AEGEA | $5 / 8$ yard ( 57.15 cm ) |
| (DD) | Designer Essentials Solids | Cajun | CSFSESS.CAJUN | $1 / 8$ yard ( 11.43 cm ) |
| EE) | Designer Essentials Solids | Cornflower | CSFSESS.CORNF | $1 / 4$ yard (22.86cm) |
| (FF) | Designer Essentials Solids | Diva | CSFSESS.DIVAX | $1 / 8$ yard ( 11.43 cm ) |
| (GG) | Designer Essentials Solids | Iris | CSFSESS.IRISX | $1 / 4$ yard (22.86cm) |
| (HH) | Designer Essentials Solids | Julep | CSFSESS.JULEP | $5 / 8$ yard ( 57.15 cm ) |
| (II) | Designer Essentials Solids | Mojito | CSFSESS.MOJIT | $5 / 8$ yard ( 57.15 cm ) |
| (JJ) | Designer Essentials Solids | Sapphire | CSFSESS.SAPPH | 1/4 yard ( 22.86 cm ) |

* includes binding

Backing (Purchased Separately)
44" ( 111.76 cm ) wide

| Sea Bloom | Sea Glass | PWTP120.SEAGL | $7^{1 ⁄} / 3$ yards $(6.70 \mathrm{~m})$ |
| :--- | :--- | :--- | :--- |
| OR |  |  |  |
| $108^{\prime \prime}(274.32 \mathrm{~cm})$ wide |  |  |  |
| FreeFall | Sky | QBTP001.8SKYXX | $2^{1 / 2}$ yards $(2.29 \mathrm{~m})$ |

## Additional Requirements

- $88^{\prime \prime} \times 104^{\prime \prime}(223.52 \mathrm{~cm} \times 264.16 \mathrm{~cm})$ batting
- $100 \%$ cotton thread in colors to match
- Foundation piecing paper
(21I 32 cm ) wid
FreeFall

(Z)

(EE)


(AA)

(FF)

(BB)

(GG)


44"
(111.76cm)


Backing
108"
( 274.32 cm )

(CC)

(HH)
(DD)
(II)


## Rainbow Waves

## Preparation

Make (60) copies each of the C and D Unit Foundations on pages 15 and 16 .

## Cutting

WOF = Width of Fabric

Tip: Blocks are constructed as Units. As pieces are cut stack in Unit piles and organize by color way. You will have some leftover pieces to use in another project.

## Fabrics G and T, cut from each:

(4) $53^{3 \prime \prime} \times$ WOF ( $14.61 \mathrm{~cm} \times$ WOF); sub-cut
(45) $27 / 8^{\prime \prime} \times 5^{3} / 4^{\prime \prime}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, stack right side up and cut once diagonally from top left to bottom right into (90) triangles, (60) for C Unit and (30) for D Unit
(4) $53 / 4^{\prime \prime} \times$ WOF ( $14.61 \mathrm{~cm} \times$ WOF); sub-cut (45) $2^{7 / 8^{\prime \prime}} \times 5^{3 / 4} 4^{\prime \prime}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, stack right side up and cut once diagonally from top right to bottom left into (90) triangles, (30) for C Unit and (60) for D Unit
(3) $3^{3} 4^{\prime \prime} \times$ WOF ( $9.53 \mathrm{~cm} \times$ WOF); sub-cut
(30) $33 / 4^{\prime \prime}(9.53 \mathrm{~cm})$ squares, cut once diagonally into (60) triangles for E Unit
(4) $278^{\prime \prime} \times$ WOF ( $7.30 \mathrm{~cm} \times$ WOF); sub-cut (45) $278^{\prime \prime}(7.30 \mathrm{~cm})$ squares, cut once diagonally into (90) triangles for A Unit
(2) $2^{1 / 2 " 1} \times$ WOF ( $6.35 \mathrm{~cm} \times$ WOF); sub-cut (30) $2 \frac{1}{2 \prime \prime}(6.35 \mathrm{~cm})$ squares for A Unit
(4) $23 / 8^{\prime \prime} \times$ WOF ( $6.03 \mathrm{~cm} \times$ WOF); sub-cut
(60) $2^{3} / 8^{\prime \prime}(6.03 \mathrm{~cm})$ squares, cut once diagonally into (120) triangles for B Unit

## Fabrics DD and FF, cut from each:

(1) $2^{7 / 8^{\prime \prime}} \times$ WOF ( $7.30 \mathrm{~cm} \times$ WOF); sub-cut
(1) $2^{7 / 8^{\prime \prime}} \times 5^{3 / 4} / 4^{\prime \prime}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top right to bottom left into (2) triangles for C Unit;
(1) $2^{7} / 8^{\prime \prime} \times 5^{3} / 4^{\prime \prime}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top left to bottom right into (2) triangles for D Unit; and
(2) $2^{3} / 8^{\prime \prime}(6.03 \mathrm{~cm})$ squares, cut once diagonally into (4) triangles for A Unit

## Fabrics BB and JJ, cut from each:

(1) $4 / 8^{\prime \prime} \times$ WOF ( $12.38 \mathrm{~cm} \times$ WOF); sub-cut
(1) $47 / 8^{\prime \prime} \times 8^{3 / 4^{\prime \prime}}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangle for C Unit;
(1) $4^{7 / 8^{\prime \prime}} \times 8^{3 / 4^{\prime \prime}}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangle for D Unit;
(1) $4^{7 / 8^{\prime \prime}}(12.38 \mathrm{~cm})$ square, cut once diagonally into (2) triangles for E Unit; and
(2) $2^{7 / 8 / \prime \prime}(7.30 \mathrm{~cm})$ squares, cut once diagonally into (4) triangles, (1) for A Unit and (2) for B Unit

## Fabrics E and GG, cut from each:

(1) $4 / 8^{1 "} \times$ WOF ( $12.38 \mathrm{~cm} \times$ WOF); sub-cut
(1) $4^{7} / 8^{\prime \prime}(12.38 \mathrm{~cm})$ square, cut once diagonally into (2) triangles for E Unit;
(1) $4^{1 / 2 \prime}(11.43 \mathrm{~cm})$ square for E Unit;
(2) $2^{7} / 8^{\prime \prime}(7.30 \mathrm{~cm})$ squares, cut once diagonally into (4) triangles for B Unit; and
(2) $2^{1 / 2 \prime}(6.35 \mathrm{~cm})$ squares for B Unit

## Fabrics $\mathbf{D}$ and $\mathbf{Q}$, cut from each:

(1) $4^{7} / 8^{\prime \prime} \times$ WOF ( $12.38 \mathrm{~cm} \times$ WOF); sub-cut
(1) $4^{7} 8^{\prime \prime} \times 8^{3} / 4^{\prime \prime}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangle for C Unit;
(1) $47 / 8^{\prime \prime} \times 8^{3 / 4^{\prime \prime}}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangle for D Unit and
(1) $47 / 8^{\prime \prime}(12.38 \mathrm{~cm})$ square, cut once diagonally into (2) triangles for E Unit
(1) $2^{7} / 8^{\prime \prime} \times$ WOF ( $7.30 \mathrm{~cm} \times$ WOF); sub-cut (1) $2^{7 / 8^{\prime \prime}} \times 5^{3 / 4^{\prime \prime}}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top right to bottom left into (2) triangles for C Unit;
(1) $2^{7 / 8^{\prime \prime}} \times 5^{3 / 4} / 4^{\prime \prime}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top left to bottom right into (2) triangles for D Unit;
(2) $2^{7 / 8^{\prime \prime}}(7.30 \mathrm{~cm})$ squares, cut once diagonally into (4) triangles, (1) for A Unit and (2) for B Unit; and (4) $2^{3} / 8^{\prime \prime}(6.03 \mathrm{~cm})$ squares, cut once diagonally into (8) triangles for A Unit

## Fabrics $B$ and $V$, cut from each:

(1) $4^{7} / 8^{\prime \prime} \times$ WOF ( $12.38 \mathrm{~cm} \times$ WOF); sub-cut
(2) $4^{7} 8^{\prime \prime} \times 8^{3 / 4^{\prime \prime}}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangles for C Unit;
(2) $478^{\prime \prime} \times 8^{3} / 4^{\prime \prime}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangles for $D$ Unit; and
(1) $4^{7 / 8^{\prime \prime}}$ ( 12.38 cm ) square, cut once diagonally into (2) triangles for E unit
(1) $2^{7 / 8^{\prime \prime}} \times$ WOF ( $7.30 \mathrm{~cm} \times$ WOF); sub-cut
(1) $2^{7} / 8^{\prime \prime} \times 5^{3} / 4^{\prime \prime}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top right to bottom left into (2) triangles for C Unit;
(1) $2^{7 / 8^{\prime \prime}} \times 5^{3 / 4^{\prime \prime}}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top left to bottom right into (2) triangles for D Unit
(3) $2^{7 / 8^{\prime \prime}}(7.30 \mathrm{~cm})$ squares, cut once diagonally into (6) triangles, (2) for A Unit and (4) for B Unit; and
(2) $2{ }^{3} 8^{\prime \prime}(6.03 \mathrm{~cm})$ squares, cut once diagonally into (4) triangles for A Unit

## Rainbow Waves

## Fabrics H and EE , cut from each:

(1) $478^{\prime \prime} \times$ WOF ( $12.38 \mathrm{~cm} \times$ WOF); sub-cut
(2) $4 / 8^{\prime \prime}(12.38 \mathrm{~cm})$ squares, cut once diagonally into (4) triangles for E Unit;
(2) $41 / 2{ }^{\prime \prime}(11.43 \mathrm{~cm})$ squares for E Unit;
(4) $27 / 8^{\prime \prime}(7.30 \mathrm{~cm})$ squares, cut once diagonally into (8) triangles for B Unit; and
(4) $2^{1 / 2 \prime \prime}(6.35 \mathrm{~cm})$ squares for B Unit

## Fabrics J and $\mathbf{N}$, cut from each:

(1) $47 / 8^{\prime \prime} \times$ WOF ( $12.38 \mathrm{~cm} \times$ WOF); sub-cut (2) $47 / 8^{\prime \prime} \times 8^{3 / 4^{\prime \prime}}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangles for C Unit;
(2) $47 / 8^{\prime \prime} \times 8^{3} 4^{\prime \prime}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangles for D Unit; and
(1) $4^{7 / 8^{\prime \prime}}(12.38 \mathrm{~cm})$ square, cut once diagonally into (2) triangles for E Unit
(1) $2^{7 / 8^{\prime \prime}} \times$ WOF ( $7.30 \mathrm{~cm} \times$ WOF); sub-cut
(2) $27 / 8^{\prime \prime} \times 5^{3 / 4^{\prime \prime}}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top right to bottom left into (4) triangles for C Unit;
(2) $2{ }^{7} / 8^{\prime \prime} \times 5^{3} / 4^{\prime \prime}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top left to bottom right into (4) triangles for D Unit; and
(3) $2^{7 / 8^{\prime \prime}}(7.30 \mathrm{~cm})$ squares, cut once diagonally into (6) triangles, (2) for A Unit and (4) for B Unit;
(1) $2 \frac{3}{3 \prime \prime} \times$ WOF ( $6.03 \mathrm{~cm} \times$ WOF); sub-cut
(6) $23 / 8^{\prime \prime}(6.03 \mathrm{~cm})$ squares, cut once diagonally into (12) triangles for A Unit

## Fabrics K and M , cut from each:

(2) $478^{\prime \prime} \times$ WOF ( $12.38 \mathrm{~cm} \times$ WOF); sub-cut
(3) $478^{\prime \prime} \times 8^{3} / 4^{\prime \prime}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangles for C Unit;
(3) $4 / 8^{\prime \prime} \times 8^{3} / 4^{\prime \prime}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangles for $D$ Unit; and
(2) $4^{7} / 8^{\prime \prime}(12.38 \mathrm{~cm})$ squares, cut once diagonally into (4) triangles for E Unit
(1) $2^{7 / 8^{\prime \prime}} \times$ WOF ( $7.30 \mathrm{~cm} \times$ WOF); sub-cut
(1) $27 / 8^{\prime \prime} \times 5^{3} / 4^{\prime \prime}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top right to bottom left into (2) triangles for C Unit;
(1) $27 / 8^{\prime \prime} \times 5^{3} 4^{\prime \prime}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top left to bottom right into (2) triangles for D Unit;
(5) $2^{7 / 8^{\prime \prime}}(7.30 \mathrm{~cm})$ squares, cut once diagonally into (10) triangles, (3) for A Unit and (6) for B Unit; and
(4) $23 / 8^{\prime \prime}(6.03 \mathrm{~cm})$ squares, cut once diagonally into (8) triangles for A Unit

## Fabrics S and AA, cut from each:

(1) $478^{\prime \prime} \times$ WOF ( $12.38 \mathrm{~cm} \times$ WOF); sub-cut
(3) $4^{7 / 8^{\prime \prime}}(12.38 \mathrm{~cm})$ squares, cut once diagonally into (6) triangles for E Unit; and
(3) $41 / 2^{\prime \prime}(11.43 \mathrm{~cm})$ squares for E Unit
(1) $278^{\prime \prime} \times$ WOF ( $7.30 \mathrm{~cm} \times$ WOF); sub-cut
(6) $2^{7 / 8^{\prime \prime}}(7.30 \mathrm{~cm})$ squares, cut once diagonally into (12) triangles for B Unit; and
(6) $2^{1 / 2 \prime} 2^{\prime \prime}(6.35 \mathrm{~cm})$ squares for B Unit

## Fabrics $P$ and $W$, cut from each:

(2) $47^{7} 8^{\prime \prime} \times$ WOF ( $12.38 \mathrm{~cm} \times$ WOF); sub-cut
(3) $4^{7} / 8^{\prime \prime} \times 8^{3} / 4^{\prime \prime}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangles for C Unit;
(3) $4^{7} / 8^{\prime \prime} \times 8^{3} / 4^{\prime \prime}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangles for $D$ Unit; and
(2) $4^{7 / 8^{\prime \prime}}(12.38 \mathrm{~cm})$ squares, cut once diagonally into (4) triangles for E Unit
(1) $2^{7} / 8^{\prime \prime} \times$ WOF ( $7.30 \mathrm{~cm} \times$ WOF); sub-cut
(2) $27 / 8^{\prime \prime} \times 5^{3} 4^{\prime \prime}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut
once diagonally from top right to bottom left into (4) triangles for C Unit;
(2) $27 / 8^{\prime \prime} \times 5^{3} 4^{\prime \prime}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top left to bottom right into (4) triangles for D Unit;
(5) $2^{7 / 8^{\prime \prime}}(7.30 \mathrm{~cm})$ squares, cut once diagonally into (10) triangles, (3) for A Unit and (6) for B Unit;
(1) $2^{3} / 8^{\prime \prime} \times$ WOF ( $6.03 \mathrm{~cm} \times$ WOF); sub-cut
(8) $23 / 8^{\prime \prime}(6.03 \mathrm{~cm})$ squares, cut once diagonally into (16) triangles for A Unit

## Fabrics CC and II, cut from each:

(2) $4 / 8^{\prime \prime} \times$ WOF ( $12.38 \mathrm{~cm} \times$ WOF); sub-cut
(4) $478^{\prime \prime} \times 8^{3 / 4^{\prime \prime}}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangles for C Unit;
(4) $4^{7 / 8^{\prime \prime}} \times 8^{3} / 4^{\prime \prime}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangles for $D$ Unit; and
(2) $4^{7} / 8^{\prime \prime}(12.38 \mathrm{~cm})$ squares, cut once diagonally into (4) triangles for E Unit
(2) $2^{7 / 8 " 1} \times$ WOF ( $7.30 \mathrm{~cm} \times$ WOF); sub-cut
(2) $27 / 8^{\prime \prime} \times 5^{3 / 4^{\prime \prime}}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top right to bottom left into (4) triangles for C Unit;
(2) $27 / 8^{\prime \prime} \times 5^{3 / 4^{\prime \prime}}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top left to bottom right into (4) triangles for D Unit;
(6) $27 / 8^{\prime \prime}(7.30 \mathrm{~cm})$ squares, cut once diagonally into (12) triangles, (4) for A Unit and (8) for B Unit; and
(6) $2^{3} / 8^{\prime \prime}(6.03 \mathrm{~cm})$ squares, cut once diagonally into (12) triangles for A Unit

## Fabrics $A$ and $X$, cut from each:

(1) $478^{\prime \prime} \times$ WOF ( $12.38 \mathrm{~cm} \times$ WOF); sub-cut
(4) $4^{7} / 8^{\prime \prime}(12.38 \mathrm{~cm})$ squares, cut once diagonally into (8)
triangles for E Unit; and
(4) $41 / 2^{\prime \prime}(11.43 \mathrm{~cm})$ squares for E Unit
(1) $2^{7 / 8^{\prime \prime}} \times$ WOF ( $7.30 \mathrm{~cm} \times$ WOF); sub-cut
(8) $2^{7} 8^{\prime \prime}(7.30 \mathrm{~cm})$ squares, cut once diagonally into (16) triangles for B Unit
(1) $2^{1 / 22^{\prime \prime}} \times$ WOF ( $6.35 \mathrm{~cm} \times$ WOF); sub-cut
(8) $2^{1 / 2 \prime \prime}(6.35 \mathrm{~cm})$ squares for B Unit

## Rainbow Waves

## Fabrics L and HH , cut from each:

(2) $478^{\prime \prime} \times$ WOF ( $12.38 \mathrm{~cm} \times$ WOF); sub-cut
(4) $47^{7} 8^{\prime \prime} \times 8^{3 / 4^{\prime \prime}}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangles for C Unit;
(4) $478^{\prime \prime} \times 8^{3} / 4^{\prime \prime}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangles for D Unit; and
(2) $47 / 8^{\prime \prime}(12.38 \mathrm{~cm})$ squares, cut once diagonally into (4) triangles for E Unit
(2) $2^{7 / 8^{\prime \prime}} \times$ WOF ( $7.30 \mathrm{~cm} \times$ WOF); sub-cut
(3) $27 / 8^{\prime \prime} \times 5^{3 / 4^{\prime \prime}}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top right to bottom left into (6) triangles for C Unit;
(3) $2 / 8^{\prime \prime \prime} \times 5^{3 / 4 "}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top left to bottom right into (6) triangles for D Unit;
(6) $27 / 8^{\prime \prime}(7.30 \mathrm{~cm})$ squares, cut once diagonally into (12) triangles, (4) for A Unit and (8) for B Unit; and
(10) $23 / 8^{\prime \prime}(6.03 \mathrm{~cm})$ squares, cut once diagonally into
(20) triangles for A Unit

## Fabrics $C$ and $U$, cut from each:

(3) $47 / 8^{\prime \prime} \times$ WOF ( $12.38 \mathrm{~cm} \times$ WOF); sub-cut (5) $478^{\prime \prime} \times 83 / 4^{\prime \prime}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangles for C Unit;
(5) $478^{\prime \prime} \times 8^{3} / 4^{\prime \prime}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangles for D

Unit; and
(3) $4^{7 / 8^{\prime \prime}}(12.38 \mathrm{~cm})$ squares, cut once diagonally into (6) triangles for E Unit
(2) $2^{7 / 8^{\prime \prime}} \times$ WOF ( $7.30 \mathrm{~cm} \times$ WOF); sub-cut
(2) $27 / 8^{\prime \prime} \times 5^{3 / 4^{\prime \prime}}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top right to bottom left into (4) triangles for C Unit;
(2) $2^{7} / 8^{\prime \prime} \times 5^{3} 4^{\prime \prime}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top left to bottom right into (4) triangles for D Unit;
(8) $2^{7} / 8^{\prime \prime}(7.30 \mathrm{~cm})$ squares, cut once diagonally into (16) triangles, (5) for A Unit and (10) for B Unit; and
(8) $23 / 8^{\prime \prime}(6.03 \mathrm{~cm})$ squares, cut once diagonally into (16) triangles for A Unit

## Fabrics I and R, cut from each:

(1) $4^{7 / 8^{\prime \prime}} \times$ WOF ( $12.38 \mathrm{~cm} \times$ WOF); sub-cut
(5) $4^{7 / 8^{\prime \prime}}(12.38 \mathrm{~cm})$ squares, cut once diagonally into
(10) triangles for E Unit; and
(3) $41 / 2^{\prime \prime}(11.43 \mathrm{~cm})$ squares for E Unit
(1) $41 / 2^{\prime \prime} \times$ WOF $(11.43 \mathrm{~cm})$; sub-cut
(2) $4^{1 / 2 \prime \prime}(11.43 \mathrm{~cm})$ squares for E Unit; and
(6) $2^{1 / 2 "}(6.35 \mathrm{~cm})$ squares for B Unit
(1) $2^{7} / 8^{\prime \prime} \times$ WOF ( $7.30 \mathrm{~cm} \times$ WOF); sub-cut
(10) $2^{7} / 8^{\prime \prime}(7.30 \mathrm{~cm})$ squares, cut once diagonally into
(20) triangles for B Unit; and
(4) $2^{1} / 2^{\prime \prime}(6.35 \mathrm{~cm})$ squares for B Unit

## Fabrics $F$ and $O$, cut from each:

(3) $47 / 8^{\prime \prime} \times$ WOF ( $12.38 \mathrm{~cm} \times$ WOF); sub-cut
(5) $47 / 8^{\prime \prime} \times 8^{3} / 4^{\prime \prime}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangles for C Unit;
(5) $4^{7} / 8^{\prime \prime} \times 8^{3} / 4^{\prime \prime}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangles for D Unit; and
(3) $4^{7 / 8^{\prime \prime}}(12.38 \mathrm{~cm})$ squares, cut once diagonally into (6) triangles for E Unit
(2) $278^{\prime \prime} \times$ WOF ( $7.30 \mathrm{~cm} \times$ WOF); sub-cut
(3) $2^{7} / 8^{\prime \prime} \times 5^{3 / 4} 4^{\prime \prime}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top right to bottom left into (6) triangles for C Unit;
(3) $27 / 8^{\prime \prime} \times 5^{3 / 4} / 4^{\prime \prime}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$, right side up, cut once diagonally from top left to bottom right into (6) triangles for D Unit; and
(8) $2^{7 / 8^{\prime \prime}}(7.30 \mathrm{~cm})$ squares, cut once diagonally into (16) triangles, (5) for A Unit and (10) for B Unit;
(1) $23 / 8^{\prime \prime} \times$ WOF ( $6.03 \mathrm{~cm} \times$ WOF); sub-cut
(10) $23 / 8^{\prime \prime}(6.03 \mathrm{~cm})$ squares, cut once diagonally into
(20) triangles for A Unit

## Fabrics $\mathbf{Y}$ and $\mathbf{Z}$, cut from each:

Enough $2^{1 / 4^{\prime \prime}}(5.72 \mathrm{~cm})$ bias strips to make 182" (4.62m) of finished binding

## Sewing

Note: All seam allowances are $1 / 4^{\prime \prime}(.64 \mathrm{~cm})$ and pieces are sewn right sides together. Press seams as directed. Blocks are constructed from Units. The Units are labeled with a unit letter and block number. During block construction, units with the same number will be sewn together to make a block, with 10 block types total.

1. To make an A Unit: Sew (2) print $23^{3 / \prime \prime}(6.03 \mathrm{~cm})$ triangles to opposite sides of a background $21^{1 / 2 \prime}$ $(6.35 \mathrm{~cm})$ square. Press seams toward the triangles. Sew a second pair of $23^{\prime \prime \prime}(6.03 \mathrm{~cm})$ print triangles to the remaining sides and press. Trim and square to $35 / 6^{\prime \prime}(8.41 \mathrm{~cm})$.

Note: When trimming leave a ${ }^{1 / 4} 4^{\prime \prime}(.64 \mathrm{~cm})$ seam allowance from the sewn triangle points.

Repeat with (3) $2^{7 / /^{\prime \prime}}(7.30 \mathrm{~cm})$ background triangles and (1) $27^{\prime \prime \prime}(7.30 \mathrm{~cm})$ print triangle, pressing seams toward the triangles. Trim and square to $4^{1} / 2^{\prime \prime}$ $(11.43 \mathrm{~cm})$. Following the color pairings and quantities shown, make the A units. Label each A Unit with its block number and set aside (Fig. 1) on page 8.
2. To make a B Unit: Sew (2) $2^{3} / 8^{\prime \prime}(6.03 \mathrm{~cm})$ background triangles to opposite sides of a $21 / 2^{\prime \prime}(6.35 \mathrm{~cm})$ print square. Press seams toward the triangles. Sew a second pair of $23 / 8^{\prime \prime}(6.03 \mathrm{~cm})$ background triangles to the remaining sides and press. Trim and square to $35 / 16^{\prime \prime}(8.41 \mathrm{~cm})$. Repeat with (4) $2^{7 / 8^{\prime \prime}}(7.30 \mathrm{~cm})$ print triangles, pressing toward the triangles. Trim and square to $4^{112} 2^{\prime \prime}(11.43 \mathrm{~cm})$. Following the color pairings and quantities shown, make the $B$ units. Label each B Unit with its block number and set aside (Fig. 2) on page 9.

## Rainbow Waves

3. To make a C Unit: Center (1) $4^{7 / 8^{\prime \prime}} \times 8^{3 / 4 "}(12.38 \mathrm{~cm} x$ 22.23 cm ) rectangle over a C Unit foundation, wrong sides together, and pin. With the paper side up fold the paper foundation back, along the line between segments 1 and 2 . Trim the fabric showing to $1 / 4^{\prime \prime}$ $(.64 \mathrm{~cm})$. Open the paper and press flat. On the fabric side, place (1) $2{ }^{7} / 8^{\prime \prime} \times 5^{3} 4^{\prime \prime}(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$ background triangle, right sides together, along the cut edge. Holding it in place, flip the background fabric right side up and ensure it completely covers segment 2 of the foundation. Unflip and pin in place. With the foundation paper side up, sew along the line between segments 1 and 2. Finger press triangle open. Repeat this process to attach a background triangle over segment 3 , then a background and print triangle over the remaining segments. Trim and square to $4 \frac{1}{2} 2^{\prime \prime} \times 8^{1 / 2^{\prime \prime}}(11.43 \mathrm{~cm} \times$ $21.59 \mathrm{~cm})$. Following the color pairings and quantities shown, make the $C$ units. Label each $C$ Unit with its block number and set aside (Fig. 3) on page 10.
4. To make a D Unit: Using the same process as C Unit, sew (3) background and (1) print $2^{7 / 8^{\prime \prime}} \times 5^{3} / 4^{\prime \prime}$ $(7.30 \mathrm{~cm} \times 14.61 \mathrm{~cm})$ triangles around the center $47 / \mathrm{s}^{\prime \prime}$ $\times 8^{3} 4^{\prime \prime}(12.38 \mathrm{~cm} \times 22.23 \mathrm{~cm})$ rectangle on a D Unit foundation; trim. Following the color pairings and quantities shown, make the $D$ units. Label each $D$ Unit with its block number and set aside (Fig. 4) on page 11.
5. To make an E Unit: Sew (2) $3^{3} / 4^{\prime \prime}(9.53 \mathrm{~cm})$ background triangles to opposite sides of a $4 \frac{1}{2 \prime \prime}(11.43 \mathrm{~cm})$ print square. Press seams toward the triangles. Sew a second pair of $33^{3 / 4}(9.53 \mathrm{~cm})$ background triangles to the remaining sides and press. Trim and square to $6^{1 / 8^{\prime \prime}}(15.56 \mathrm{~cm})$. Repeat with (4) $4 / 8^{\prime \prime}$ ( 12.38 cm ) print triangles, pressing toward the triangles. Trim and square to $81 / 2^{\prime \prime}(21.59 \mathrm{~cm})$. Following the color pairings and quantities shown, make the $E$ units. Label each $E$ Unit with its block number and set aside (Fig. 5) on page 12.
6. To Make a Block: Lay out the (2) A1 Units, (2) B1 Units, (2) C1 Units, (2) D1 Units, and E1 unit for Block 1 as shown in (Fig. 6) on page 13, paying attention to the color placement. Sew the (3) rows of the block, then sew the rows together to complete Block 1. Press the seams open. Trim and square to $16^{1 / 2 \prime \prime}(41.91 \mathrm{~cm})$. Following the color pairings and quantities shown, work a Block at a time to make the remaining Blocks, 30 total. Label each Block with its block number and set aside.

## Quilt Top Assembly

TIP: Lay out the blocks on a design wall or flat surface before sewing, to make sure the blocks are oriented correctly. The prints will form uninterrupted diagonal lines from bottom left to top right when all the blocks are oriented correctly.
7. Following the Quilt Layout diagram on page 14 lay out the blocks in (6) rows of (5) blocks each, paying close attention to the color placement and orientation. Sew the blocks together in each row, matching adjacent seams. Press seams in alternate directions for adjacent rows. Sew the rows together in order, matching adjacent seams, to make the quilt top. Press the seams toward the bottom of the quilt top.

## Finishing

8. Layer the backing, batting, and quilt top; baste the layers together and quilt as desired. Trim the batting and backing even with the quilt top.
9. Sew the Fabric $\mathbf{Y}$ bias binding strips end to end using diagonal seams to make one continuous piece. Sew the Fabric $\mathbf{Z}$ bias binding strips end to end using diagonal seams to make one continuous piece. Sew the Fabric $\mathbf{Y}$ and $\mathbf{Z}$ strips together on one end. Fold in half wrong sides together and press the length.
10. Pin the binding to the quilt top, starting in the top right corner, lining up the seam in the binding with the corner, so that the Fabric $\mathbf{Y}$ binding is to the top and left side of the quilt and the Fabric $\mathbf{Z}$ binding is to the right and bottom of the quilt when it is mitered. Continue pinning the binding around the quilt top, mitering the corners, until you reach the bottom left corner. Sew the binding ends together to form a continuous loop that meets at the corner. Finish sewing the binding in place, taking care not to stretch it.
11. Turn the binding to the back of quilt and hand-stitch in place.

## Rainbow Waves

Fig. 1


A Unit

Fabric T Background


Fig. 2


Fabric T Background

(10) B5

Fabric G Background

(10) B6

(8) B7

(6) B8

(4) B 9


Free Sinut
Rainbow Waves

Fig. 3


Fabric T Background

(5) C6

(3) C 8


Fabric G Background

(4) C7

(4) C7

(2) C 9

Free Spint

## Rainbow Waves

Fig. 4


Fabric T Background

3) D3


Fabric G Background

(5) D6

(3) D8

(5) D6

(2) D9

(4) D7

(2) D 9

(4) D7

(1) D10

(3) D8

(1) D10

Free Spint

## Rainbow Waves



E Unit

Fabric T Background

(1) E1
) E1

(2) E2
(3) E3

(4) E4

(5) E5

Fabric G Background

(5) E6

(4) E7

(3) E8

(2) E9


Freedpint

## Rainbow Waves

Fig. 6


Free Spint

## Rainbow Waves

Quilt Layout


Rainbow Waves


[^0][^1]
## Rainbow Waves



[^2][^3]
[^0]:    This square should
    measure $1^{\prime \prime} \times 1^{\prime \prime}$
    $(2.54 \mathrm{~cm} \times 2.54 \mathrm{~cm})$
    when printed.

[^1]:    *** Measure templates before cutting to confirm printing at 100\%***

[^2]:    This square should
    measure $1^{\prime \prime} \times 1^{\prime \prime}$
    $(2.54 \mathrm{~cm} \times 2.54 \mathrm{~cm})$
    when printed.

[^3]:    *** Measure templates before cutting to confirm printing at 100\%***

