2023 STRONGER together
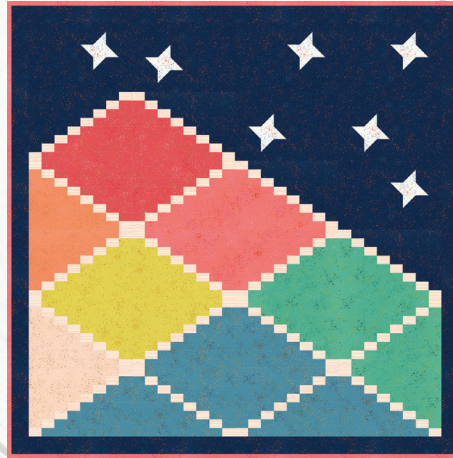
Celebrating Black History Month!

Finished Size: 52 ½" x 52 ½"

Donate to the United Negro College Fund:
give.uncf.org/fatquartershop

Fabric Requirements:

Description	Letters	Fabric	SKUs	Yardage Amount
Background & Borders	A to J		RS5027-109M	2 ¼ yards
Blocks	K & L		RS5027-15	Fat Quarter
Blocks	M		RS1053-12	¾ yard
Blocks	N to Q		RS5027-43M	½ yard
Blocks & Binding	R to V		RS5027-92M	⅞ yard
Blocks	W, X & Y		RS5027-93M	Fat Quarter
Blocks	Z to CC		RS5027-96M	½ yard
Blocks	DD, EE &FF		RS5027-91M	Fat Quarter
Blocks	GG to JJ		RS5027-50M	⅝ yard
Blocks	KK to OO		RS5027-81M	⅝ yard
Backing			RS1048-13	3 ½ yards

#FQSStrongerTogether2023

Designed by: Michelle Ramsay @quilts_madewithlove
on Instagram and quiltsmadewithlove.com

www.Fat QuarterShop.com

Cutting:

	Background & Borders
A	7 - 5″ x 6 ½″ rectangles
B	4 - 4 ½″ x 6 ½″ rectangles
C	7 - 3″ x 11″ rectangles
D	8 - 2 ½″ x 3 ½″ rectangles
E	14 - 2 ⅜″ squares △
F	2 - 1 ½″ x 20″ strips
G	7 - 2″ x 7 ½″ rectangles
H	28 - 2″ squares
I	7 - 1 ½″ X 12 ½″ rectangles
J	6 - 2 ½″ x width of fabric strips

	Blocks
K	14 - 2 ⅜″ squares △
L	7 - 2″ squares

	Blocks
M	17 - 1 ½″ x 20″ strips

	Blocks
N	2 - 4 ½″ x 12 ½″ rectangles
O	2 - 2 ½″ x 6 ½″ rectangles
P	4 - 2 ½″ x 3 ½″ rectangles
Q	2 - 1 ½″ x 20″ strips

	Blocks & Binding
R	2 - 4 ½″ x 12 ½″ rectangles
S	2 - 2 ½″ x 6 ½″ rectangles
T	4 - 2 ½″ x 3 ½″ rectangles
U	2 - 1 ½″ x 20″ strips
V	6 - 2 ½″ x width of fabric strips (binding)

	Blocks
W	2 - 4 ½″ x 6 ½″ rectangles
X	4 - 2 ½″ x 3 ½″ rectangles
Y	1 - 1 ½″ x 20″ strip

	Blocks
Z	2 - 4 ½″ x 12 ½″ rectangles
AA	2 - 2 ½″ x 6 ½″ rectangles
BB	4 - 2 ½″ x 3 ½″ rectangles
CC	2 - 1 ½″ x 20″ strips

	Blocks
DD	2 - 4 ½″ x 6 ½″ rectangles
EE	4 - 2 ½″ x 3 ½″ rectangles
FF	1 - 1 ½″ x 20″ strip

	Blocks
GG	4 - 4 ½″ x 12 ½″ rectangles
HH	4 - 4 ½″ x 6 ½″ rectangles
II	8 - 2 ½″ x 3 ½″ rectangles
JJ	4 - 1 ½″ x 20″ strips

	Blocks
KK	2 - 4 ½″ x 12 ½″ rectangles
LL	2 - 4 ½″ x 6 ½″ rectangles
MM	2 - 2 ½″ x 6 ½″ rectangles
NN	8 - 2 ½″ x 3 ½″ rectangles
OO	3 - 1 ½″ x 20″ strips

△ Optional: You can use 1 ½″ Finished Half Square Triangle Paper (#H150) by Triangles on a Roll.

STRONGER *together*
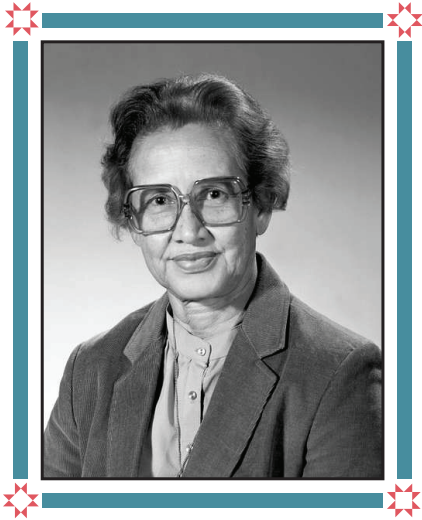
Katherine Johnson (1918-2020):

Katherine Johnson demonstrated an early affinity and talent for mathematics that allowed her to enroll in college at 15 and later graduate summa cum laude.

In 1953, she joined NASA's all female computing department. As part of the Flight Research Division, she took on the task of calculating the orbital path of spacecraft. She personally calculated the trajectories of many missions including the first orbit around the earth. She would later go on to particpate in the Space Shuttle program until her retirement in 1986.

Inspired by and dedicated to Katherine Johnson, the top portion of this year's Stronger Together Quilt symbolizes stars in the night sky. Not only did she reach for the stars, Johnson helped place space within humanity's grasp and to this day continues to inspire young girls to join STEM programs.

Sources:

Deiss, Heather S. & Miller, Denise, Jan. 7, 2021 ''Who was Katherine Johnson?,'' Nasa Knows Series, NASA.gov, Oct. 14, 2022, https://www.nasa.gov/audience/forstudents/k-4/stories/nasa-knows/who-was-katherine-johnson-k4

Photo by Andy Holmes on Unsplash

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*Use ¼'' seams and **press open** except where indicated.*

Week One - Star Blocks:

Draw a diagonal line on the wrong side of the Fabric K squares.

With right sides facing, layer a Fabric K square with a Fabric E square.

Stitch ¼'' from each side of the drawn line.

Cut apart on the marked line.
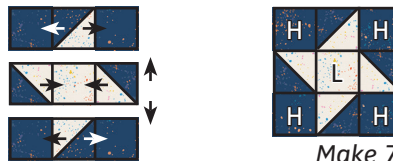
Half Square Triangle Unit should measure 2'' x 2''.

Make 28.

Assemble Unit.

Star Unit should measure 5'' x 5''.

Make 7.

Assemble Unit.

Partial Star Unit should measure 7 ½'' x 11''.
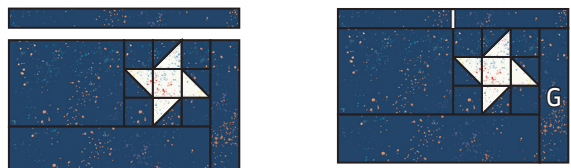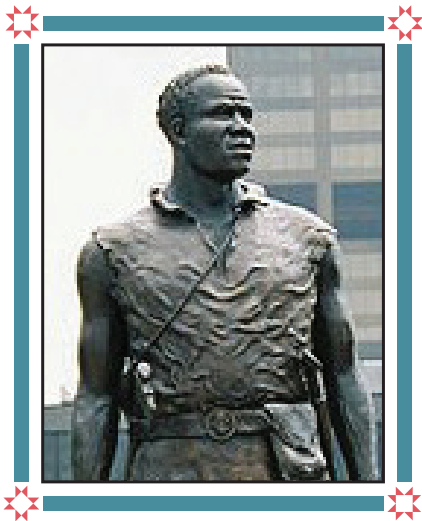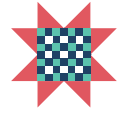

Make 7.

Assemble Block.

Star Block should measure 8 ½'' x 12 ½''.


Make 7.

York (1770-75 - after 1815):

When Meriwether Lewis and William Clark made their famed journey to the west in 1804, they took with them an enslaved African American man named York who became integral to the group's survival. As an able frontiersman, York was allowed the use of a firearm and frequently hunted and gathered with the group or on his own. York was viewed as a curiosity by the Native American tribes, and Lewis and Clark often used him to ease negotiations.

York had hoped to obtain his freedom once the group returned east, but sadly it was denied repeatedly by Clark. Although little is known about his later life, it is believed that York became a free man at some point and returned to the west. Zenas Leonard, author of Adventures of a Mountain Man, recounts seeing an African American man living with a Crow tribe in Wyoming who was treated as a chief and claimed to have previously traveled there with Lewis and Clark.

The second portion of this year's Stronger Together quilt is dedicated to York and the westward exploration when he first enjoyed freedom while hunting on his own.

Sources:

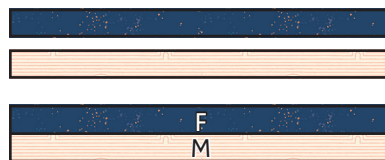https://www.nps.gov/articles/000/traveling-west-york-s-service-to-the-lewis-and-clark-expedition.htm
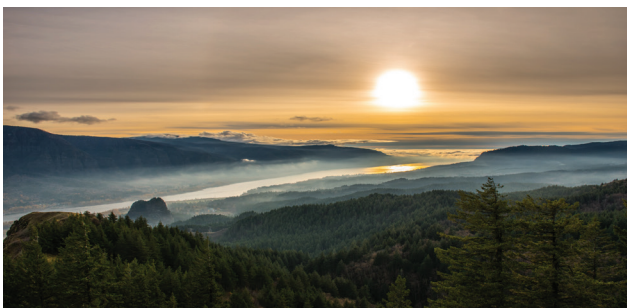
Columbia River: photo by Elena Kuchko on Unsplash

Week Two - Horizon, Mountain & Valley Blocks:

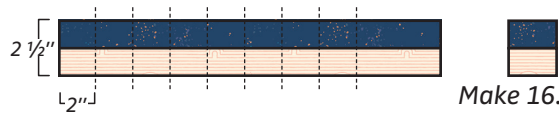Assemble Strip Set.

Horizon Strip Set should measure 2 ½" x 20".

Make 2.

✿ ✿

Subcut each Horizon Strip Set into eight 2" x 2 ½" rectangles.

Horizon Two Patch Unit should measure 2" x 2 ½".

Make 16.

✿ ✿
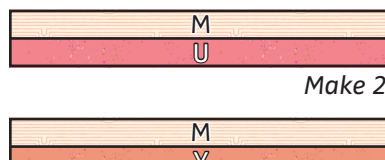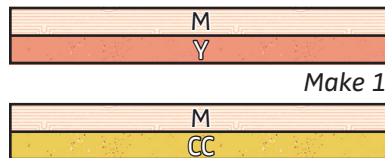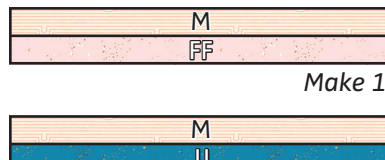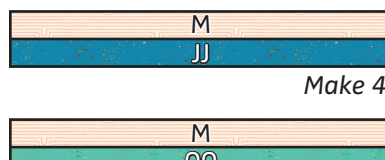
Assemble Strip Set.

Strip Set should measure 2 ½" x 20".

M
Q
Make 2.

M
U
Make 2.

M
Y
Make 1.

M
CC
Make 2.

M
FF
Make 1.

M
JJ
Make 4.

M
OO
Make 3.
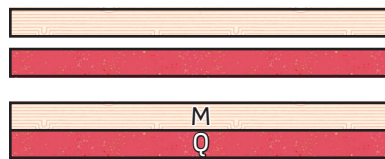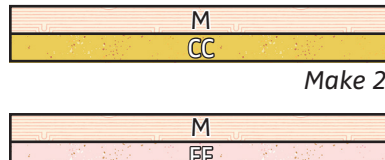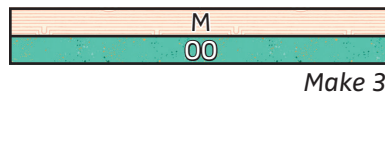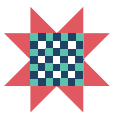
Subcut each Strip Set into eight 2″ x 2 ½″ rectangles.

Two Patch Unit should measure 2″ x 2 ½″.

2 ½″

2″

Make 16.

Make 16. *Make 8.* *Make 16.*

Make 8. *Make 32.* *Make 24.*

☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆
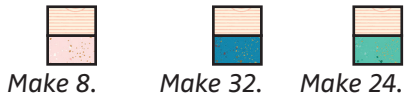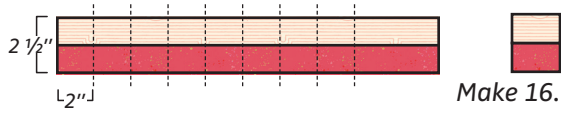
Assemble Unit.

Left Four Patch Unit should measure 2 ½″ x 3 ½″.
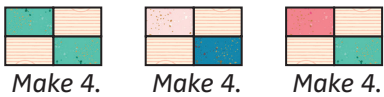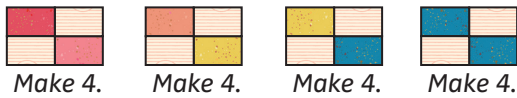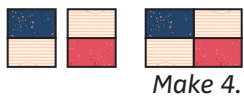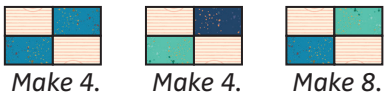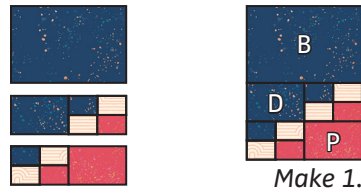
Make 4.

Make 4. *Make 4.* *Make 4.* *Make 4.*

Make 4. *Make 4.* *Make 4.*

☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆

Assemble Unit.

Right Four Patch Unit should measure 2 ½″ x 3 ½″.

Make 4.

Make 4. *Make 4.* *Make 4.* *Make 4.*

Make 4. *Make 4.* *Make 8.*
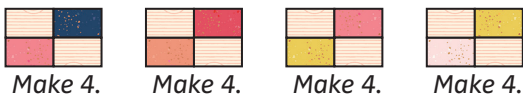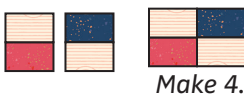
Assemble Block.

Left Horizon Block should measure 6 ½″ x 8 ½″.

B

D

P

Make 1.

☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆

Assemble Block.

Right Horizon Block should measure 6 ½″ x 8 ½″.

B

D

P

B

D

T

Make 1. *Make 1.*

☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆
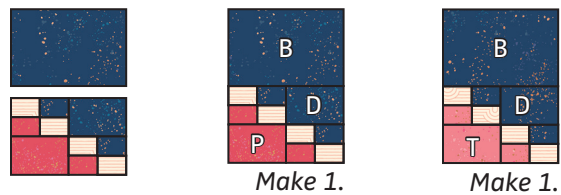
Assemble Unit.

Top Mountain Unit should measure 2 ½″ x 12 ½″.

D D

Make 1.

P D

Make 1.

X T

Make 1.

☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆☆
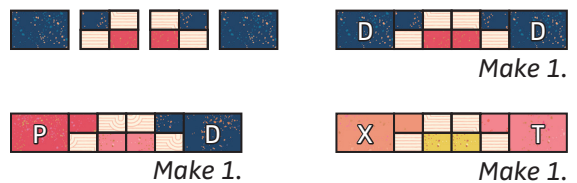
Assemble Unit.

Middle Mountain Unit should measure 2 ½″ x 12 ½″.

O

Make 1.

S

Make 1.

AA

Make 1.
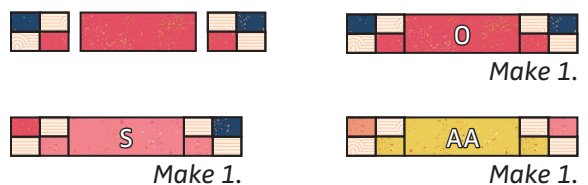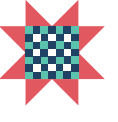
Assemble Block.

Mountain Block should measure 8 ½″ x 12 ½″.

Make 1. (N)

Make 1. (R)

Make 1. (Z)
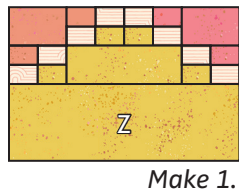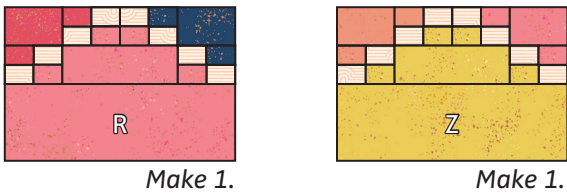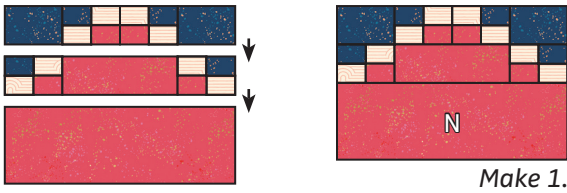
Assemble Unit.

Left Joining Unit should measure 4 ½″ x 6 ½″.

Make 1. (P, X)

Make 1. (BB, EE)

Make 1. (EE, II)

Make 1. (X, BB)
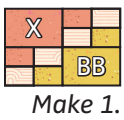
Assemble Block.

Left Valley Block should measure 6 ½″ x 8 ½″.

Make 1. (W)

Make 1. (DD)
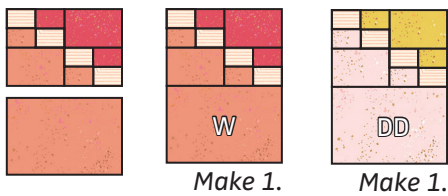
Assemble Block.

Left Mountain Block should measure 6 ½″ x 8 ½″.

Make 1. (DD)

Make 1. (W)

Assemble Unit.

Middle Valley Unit should measure 2 ½″ x 12 ½″.

Make 1. (O)

Make 1. (S)

Make 1. (AA)
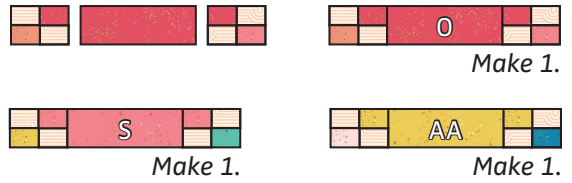
Assemble Unit.

Bottom Valley Unit should measure 2 ½″ x 12 ½″.

Make 1. (X, T)

Make 1. (BB, NN)

Make 1. (EE, II)
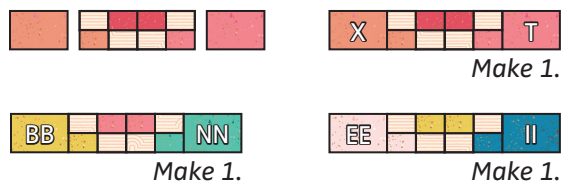
Assemble Block.

Valley Block should measure 8 ½″ x 12 ½″.

Make 1. (N)

Make 1. (R)

Make 1. (Z)
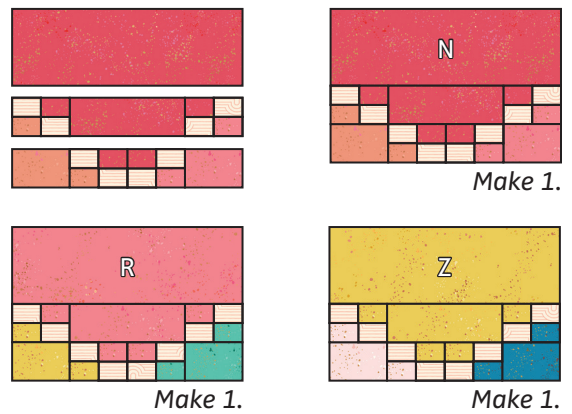
STRONGER *together*
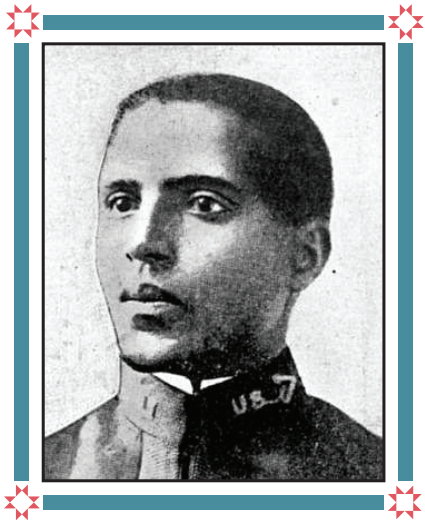
Charles Young (1864-1922):

Charles Young was born to enslaved parents on March 12, 1864, in May's Lick, Kentucky. His father escaped to join the Union Army during the Civil War, which earned the family its freedom.

Charles Young became the third African American to graduate from West Point. His many remarkable military achievements include an assignment to the Sequoia National Forest Park in 1903 when he became the first African American National Park Superintendent. Prior to his arrival, the Park had suffered from poor management. Young made building roads and paths a priority. He and his troops were able to clear and build more roads in one summer than had been constructed in the previous three years. Soon the park was teeming with visitors who could easily access it by roads which remain in use today.

The last section of this year's Stronger Together quilt is dedicated to Brigadier General (posthumously) Charles Young and his time among the sequoias. The blues and greens evoke the skies and trees of the national park he made accessible for many.

Sources:

https://www.nps.gov/chyo/learn/historyculture/charles-young.htm

Sequoias: photo by Maria Arnaud on Unsplash

Week Three - Summit & Ravine Blocks:

Assemble Unit.

Top Summit Unit should measure 2 ½″ x 12 ½″.

T   D

BB   NN
Make 1.

EE   II
Make 1.

II   NN
Make 1.

Assemble Unit.

Middle Summit Unit should measure 2 ½″ x 12 ½″.

MM
Make 1.

HH
Make 1.

HH
Make 1.

HH
Make 1.

Assemble Block.

Summit Block should measure 8 ½″ x 12 ½″.

KK
Make 1.

GG
Make 1.

GG
Make 1.

GG
Make 1.

Assemble Unit.

Right Joining Unit should measure 4 ½″ x 6 ½″.

Make 1.

Make 1.

Make 1.

☼ ☼
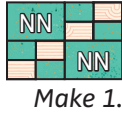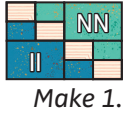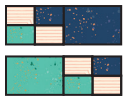
Assemble Block.

Right Ravine Block should measure 6 ½″ x 8 ½″.

Make 1.

Make 1.

☼ ☼
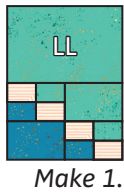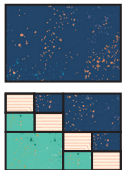
Assemble Block.

Right Summit Block should measure 6 ½″ x 8 ½″.

Make 1.
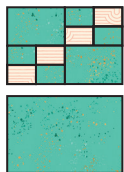
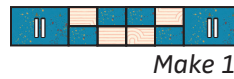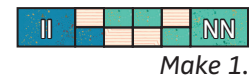Assemble Unit.

Middle Ravine Unit should measure 2 ½″ x 12 ½″.

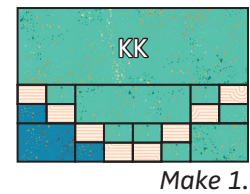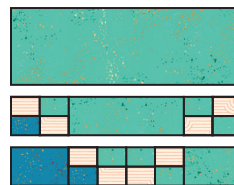*Make 1.*

Make 1.

☼ ☼

Assemble Unit.

Bottom Ravine Unit should measure 2 ½″ x 12 ½″.

Make 1.

Make 1.

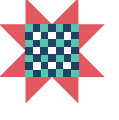☼ ☼

Assemble Block.

Ravine Block should measure 8 ½″ x 12 ½″.

Make 1.

Make 1.
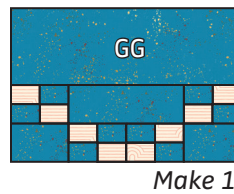
Week Four - Finishing:

Assemble Quilt Center. Press rows open.

Quilt Center should measure 48 ½'' x 48 ½''.
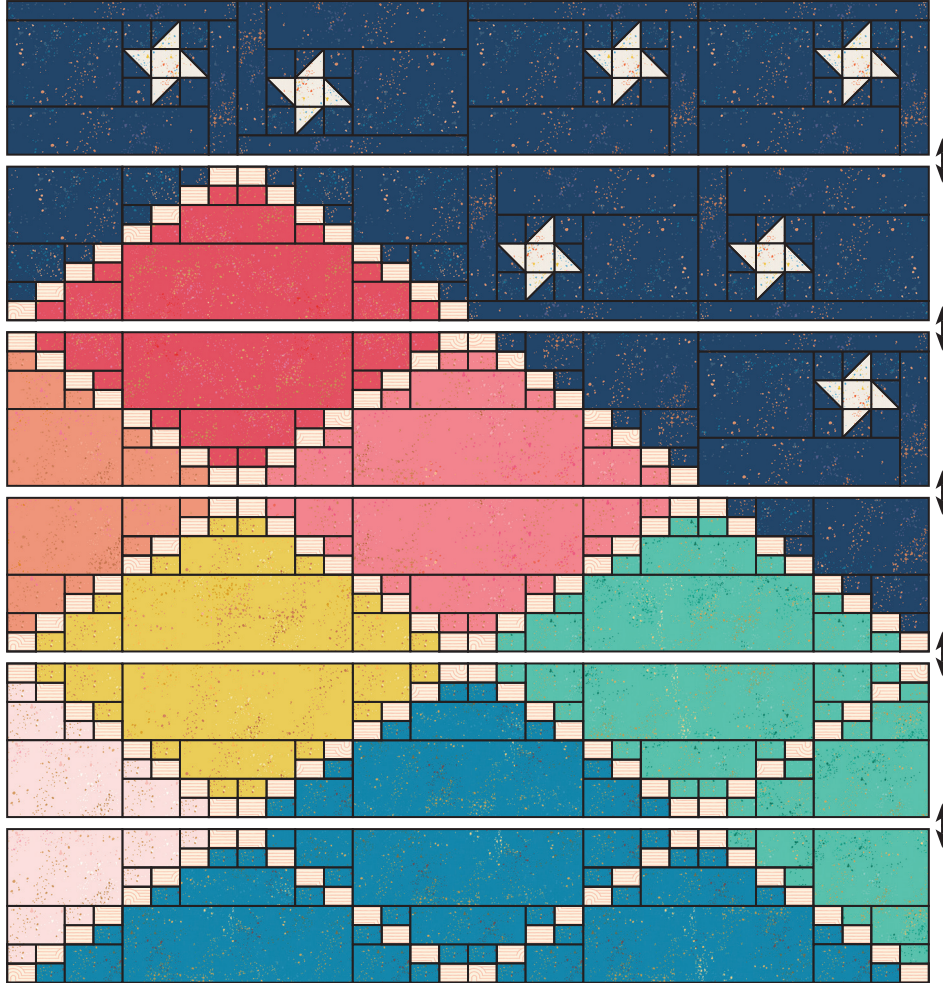
Borders:

Piece the Fabric J strips end to end.
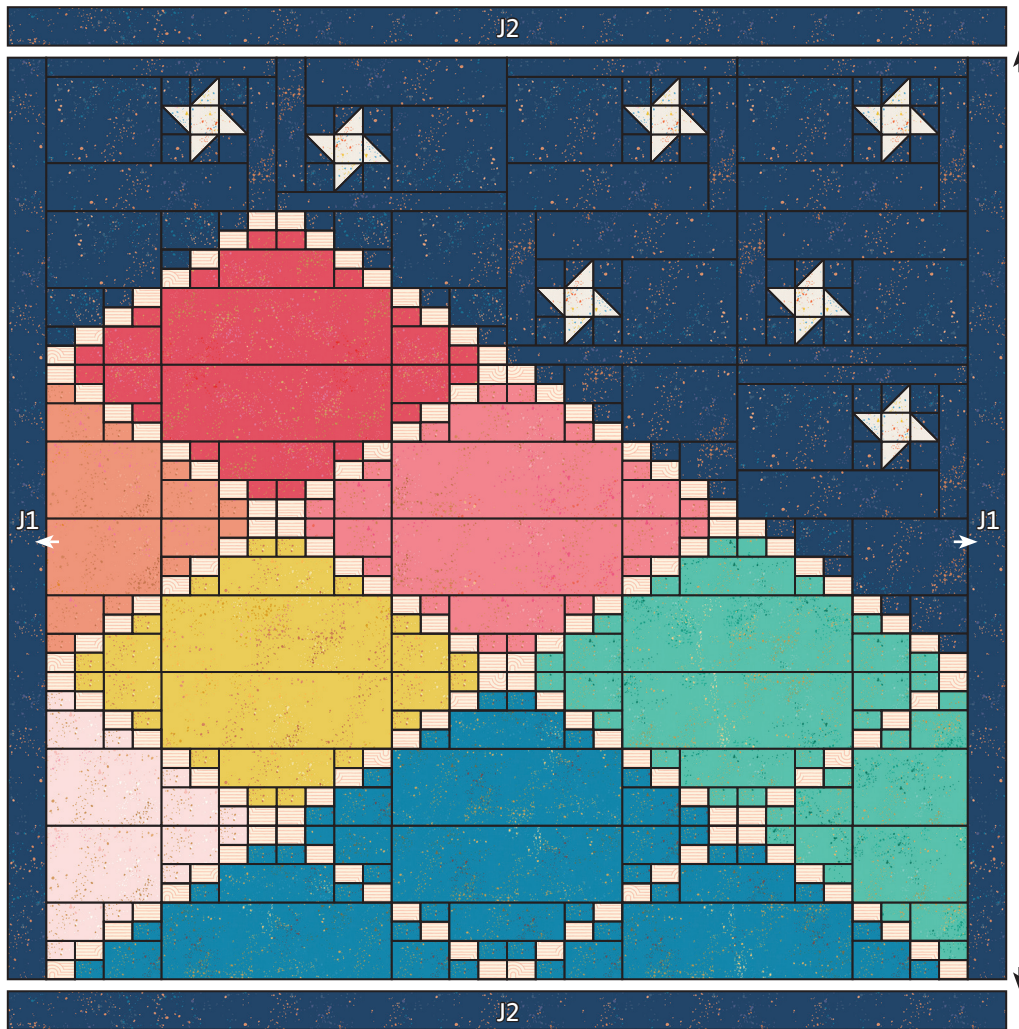
Subcut into:

2 - 2 ½″ x 48 ½″ strips (Side Borders - J1)

2 - 2 ½″ x 52 ½″ strips (Top and Bottom Borders - J2)

Attach the Side Borders.

Attach the Top and Bottom Borders.

Finishing:

Piece the Fabric V strips end to end for binding.

Quilt and bind as desired.