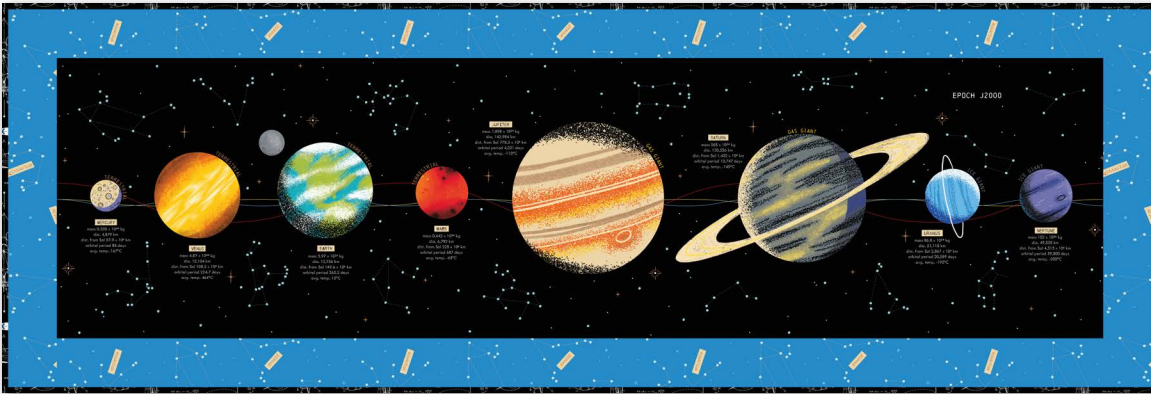


# SOLAR SYSTEM WALL HANGING

Riley Blake  
DESIGNS®



16" x 47 1/2"



= Beginner

OUTER  
SPACE BY



11/01/2024



$$M \, du = [(p-p_0) A + mv] \, dt \text{ (neglect weight)}$$

$$M \, du = V_m \, dm \text{ dt} = -V_m \, dM$$

$$\Delta u = -V_m \ln(M)$$

$$V^2 = KR \, T \left[ 1 - \left( \frac{p}{p_0} \right)^{\frac{\gamma}{\gamma-1}} \right]$$



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# SOLAR SYSTEM WALL HANGING

FINISHED QUILT SIZE 16" × 47 ½"

Please read all instructions before beginning this project. Yardage calculated using a 42" usable width of fabric.

Pattern designed by The RBD Designers

## GENERAL INSTRUCTIONS

Please check [www.rileyblakedesigns.com/pattern-updates](http://www.rileyblakedesigns.com/pattern-updates) or scan the QR Code for any revisions before starting this project. This pattern requires a basic knowledge of quilting techniques and terminology. The quilt and block diagrams portrayed are virtual images. The layout and look of your project may differ when using actual fabric. It is not recommended to prewash fabric before cutting and assembling.



Always verify your panel size before beginning. If your panel measurements differ from those given in the pattern, trim to the desired size or use coping strips to alter the size of your panel. If coping strips are needed, add oversized, coordinating strips of fabric to the necessary edges of the panel, then trim to the size specified in the pattern.

WOF = Width of Fabric  
RST = Right Sides Together

## FABRIC REQUIREMENTS

All fabrics from the Outer Space by NASA collection unless stated otherwise.

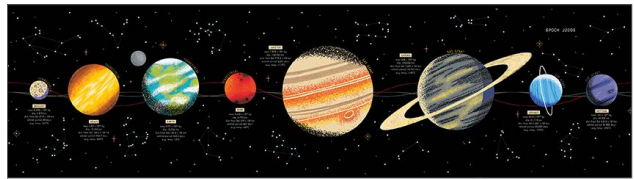
Approximately ⅓ yard (one repeat) CD15486-BLACK Solar System  
¼ yard C15483-COBALT Constellations  
⅓ yard C15482-BLACK Rocket Math (binding)

## OTHER SUPPLIES

Basic Sewing Supplies  
⅓ yard Wide Back Backing of your choice  
Batting

## CUTTING INSTRUCTIONS

When cutting fabrics, use a straight edge ruler and rotary cutter. Measurements include ¼" seam allowance. Label, allocate, and organize all cuts as noted.



### Black Solar System

Fussy cut (1) fabric repeat 12" × 43 ½", centered over the motif. Label as A.

*\*Note: If the fabric motif reaches the edge of the cut, add coping strips first and then trim to the required size once the strips are added.*



### Cobalt Constellations

Cut (3) 2 ½" × WOF strips. Piece together end-to-end; subcut:

(2) 2 ½" × 43 ½" strips. Label as B.

(2) 2 ½" × 16" strips. Label as C.



### Black Rocket Math

Cut (4) 2 ½" × WOF strips. Set aside for binding.

## SEWING TECHNIQUES

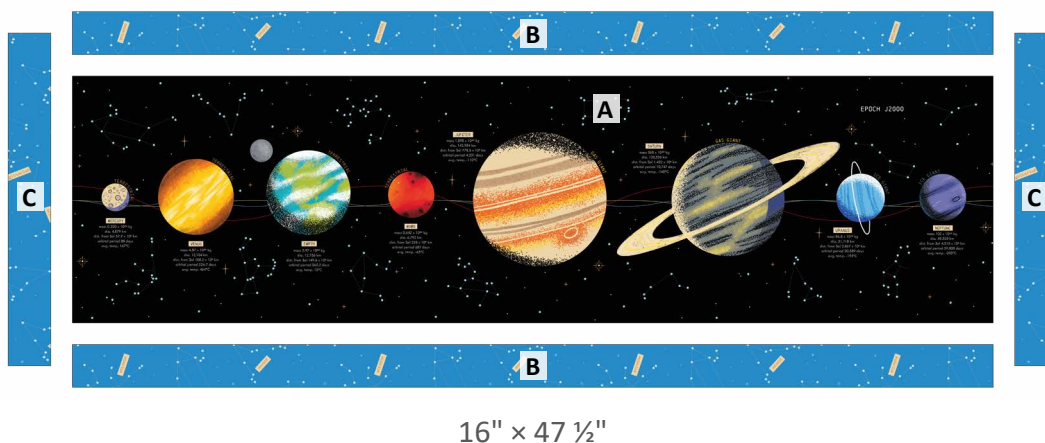
Sew all seams RST and with a ¼" seam allowance unless stated otherwise. Refer to the quilt layout diagram for placement of the prints. Press seams as desired unless stated otherwise. Dimensions listed in steps are unfinished sizes.

# SOLAR SYSTEM WALL HANGING

## QUILT ASSEMBLY

1. Sew **B**-strips to the top and bottom of the **A**-rectangle. Next, sew **C**-strips to the sides to complete the quilt top. The quilt top should measure 16" × 47 ½".

## QUILT LAYOUT DIAGRAM



## FINISHING INSTRUCTIONS

2. Finish the quilt by layering the quilt top, batting, and backing. Baste the quilt layers together and quilt as desired. Sew the Black Rocket Math binding strips together end-to-end. Then bind the trimmed, finished quilt using your favorite binding method.

Enjoy and share your quilt using the hashtags [#outerspacebynasafabric](#), [#solarsystemwallhanging](#), [#rileyblakedesigns](#), and [#iloverileyblake](#).

