

# Multiplication Quilt Worksheet Activity

1	2	3	4	5	6	7	8	9	10	11
2	4									
3		9								
4			16							
5				25						
6					36					
7						49				
8							64			
9								81		
10									100	
11										121

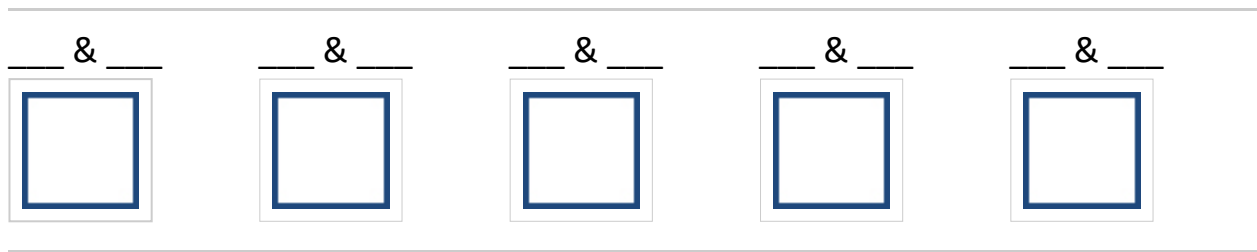
## Step 1: Complete the Multiplication Table

Complete the Multiplication Table by writing in the answer for each square. Tip: to get the right answer, multiply the number at the top of a column by the number at the far left of the row; for example:  $2 \times 2 = 4$ , and  $3 \times 3 = 9$ . The first ten answers are entered for you.

## Step 2: Create a Color Code for Your Quilt.

For each of the following squares:

1. Create five number pairs using each of the first ten positive numbers: 0, 1, 2, 3, 4, 5, 6, 7, 8, and 9. The pairs can be out of order, anyway you like, as long as all ten are used.
2. Color in each square, using a different color for each number pair.



## Step 3: Use your color code to find the hidden pattern in the table.

Color in each square of the Multiplication Table using the following directions:

1. Match the last digit of each answer in the table to a number pair in the color code.
2. In the table, fill in the color you assigned to the pair.
3. Do the same for all the other answers in the table.
4. Be sure to apply your color code ONLY TO THE LAST DIGIT in the answer. For example, if the answer in the table is 64, fill in the color you assigned to the number 4.

*Voila!* You did a great job! Can you see the color pattern you created in the quilt?

Go ahead! Be creative: if you want to make a second quilt, mix up your number combinations in the color code. For each new set of pairings, you will create a completely different pattern when you color in your quilt.