

RED HEART THE STUDY OF GEOMETRY STITCH ALONG

RHC0502-031274M | July 19, 2021



MATERIALS

Red Heart® Super Saver® (198 g/7 oz; 333 m/364 yds)

Contrast A Light Grey (0341) 1 ball or 306 m/335 yds

Contrast B Real Teal (0656) 1 ball or 318 m/348 yds

Contrast C Lemon (0235) **1 ball or 270 m/295 yds**

Contrast D Soft Navy (0387) **1 ball or 234 m/256 yds**

Contrast E Soft White (0316) 1 ball or 298 m/326 yds

Contrast F Spring Green (0672) 1 ball or 209 m/228 yds

Contrast G Shocking Pink (0718) 1 ball or 226 m/247 yds

Contrast H Jade (3862) **1 ball or 258 m/285 yds**

Size U.S. I/9 (5.5 mm) crochet hook **or size needed to obtain gauge.** Stitch markers.









CROCHET I SKILL LEVEL: INTERMEDIATE

ABBREVIATIONS

Approx = Approximate(ly)

Beg = Begin(ing)

Ch = Chain(s)

Dscp = (Diamond corner sharp point). (2 dc. 1 tr. Ch 1. 1 tr. 2 dc) all in ch-1 sp (Corner Point)

Dc = Double crochet

Dtr = Double treble crochet

Hdc = Half double crochet

Popcorn = 5 dc in indicated

stitch. Drop loop from hook. Re-insert hook from front to back into first dc of 5-dc group. Pull

dropped loop through stitch. Ch 1

to close Popcorn

PM = Place marker

Rep = Repeat

Rem = Remain(ing)

Rnd(s) = Round(s)

RS = Right side

Sc = Single crochet

SI st = Slip stitch

Sp(s) = Space(s)

St(s) = Stitch(es)

Tr = Treble crochet

V-st = (1 dc. Ch 2. 1 dc) in

indicated stitch

WS = Wrong side

GAUGE

13 sc and 14 rows = 4'' [10 cm].

RED HEART THE STUDY OF GEOMETRY | WEEK 1 - MEET YOU AT THE TULIPS

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INSTRUCTIONS

Welcome to The Study of Geometry

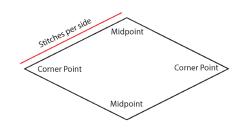
From Mikey: Inspired by the quilting concept of diamonds that burst outward from the centre. Then filled in with a triangle to link them together for a hexagonal shape in the end. This was a summer school stitching project where I had to repeat the semester three times to get it right. I mean, my protractor was off, I'm sure of it but you know, denial is a great thing.

What was throwing me into the pond where the angles of getting the triangles to sit correctly with just the precise stitchwork of growth. Like I would say to any student, try, try, try again. It's easier said than done.

Luckily for you, I've done the math and when the diamonds went together, I squealed with delight. I had to change my designing technique for this one which made it a worthwhile lesson. I think in future, I may be designing this same way as it seemed to work wonders.

So let's meet at the coffee shop just outside the park where I will have your summer school assignment. Our adventure will take us through the park.





Week 1 - Meet You At The Tulips

From Mikey: In Week 1, we will get started in making the diamond shapes in order to work our way outward. We have to leave the coffee shop and go directly to the flower clock wheel in the park. From here, our journey will start, we may even stop to feed the fish in the pond. Let's start in the centre and continue to walk the paths around the diamonds and finish off smelling the tulips in this leg of the journey.

Notes:

- Ch 4 at beg of rnds counts as dc and ch 1.
- To join all rnds with sl st to 3rd ch of ch-4.
- Use stitch marker to indicate Corner Points and Midpoint corners. Move markers as work progresses.
- To save time, weave in ends as you go.

Diamond (make 6) See Diagram on page 3.

With A, ch 4. Join with sl st to to form a ring.

1st rnd: (RS). Ch 1. (1 sc. 1 hdc. 1 dc. 1 tr) all in ring. Ch 1. PM on last ch-1 for first Corner Point. (1 tr. 1 dc. 1 hdc. 1 sc. 1 hdc. 1 dc. 1 tr) all in ring. Ch 1. PM on last ch-1 sp for second Corner Point. (1 tr. 1 dc. 1 hdc) all in ring. Join with sl st to first sc. 14 sts and 2 ch-1 sps (corner points).

2nd rnd: Ch 4 (counts as dc and ch-1 sp here and throughout). 1 dc in same sp as sl st. PM on 3rd ch of ch-4 for Midpoint. *1 dc in each of next 3 sts. Dscp. Move marker to ch-1 sp for Corner Point. 1 dc in each of next 3 sts.* (1 dc. Ch 1. 1 dc) in next sc. PM on last

ch-1 for Midpoint. Rep from * to * once more. Join. Fasten off A. 7 sts between Corner Point and Midpoint ch-1 sps.

Markers for 2 Corner Points and 2 Midpoints are in position. Move markers as work progresses.

3rd rnd: Join B with sl st to first Midpoint ch-1 sp. Ch 4. 1 dc in same sp as sl st. *Ch 1. Skip next dc. (1 dc in next dc. Ch 1. Skip next st) 3 times.** Dscp. Rep from * to ** once more.* (1 dc. Ch 1. 1 dc) in next Midpoint ch-1 sp. Rep from * to * once more. Join. Fasten off B. 11 sts between ch-1 sps.

4th rnd: Join C with sl st to first Midpoint ch-1 sp. Ch 4. 1 dc in same sp as sl st. *1 dc in each st and ch-1 sp to Corner Point ch-1 sp.** Dscp. Rep from * to ** once more.* (1 dc. Ch 1. 1 dc) in next Midpoint ch-1 sp. Rep from * to * once more. Join. Fasten off C. **Turn**. 15 sts between ch-1 sps.



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5th rnd: (WS). Join D with sl st to Midpoint ch-1 sp. Ch 1. (1 sc. Ch 1. 1 sc) in same sp as sl st. *1 tr in next st, pushing post of tr to back of work. (1 sc in next st. 1 tr in next st) 7 times. (2 hdc. 1 dc. Ch 1. 1 dc. 2 hdc) in Corner Point ch-1 sp. 1 tr in next st. (1 sc in next st. 1 tr in next st) 7 times.* (1 sc. Ch 1. 1 sc) in next Midpoint ch-1 sp. Rep from * to * once more. Join with sl st to first sc. Fasten off D. **Turn**. 19 sts between ch-1 sps.

6th rnd: (RS). Join E with sl st to first Midpoint ch-1 sp. Ch 4. 1 dc in same sp as sl st. *1 dc in each st to Corner Point ch-1 sp. (2 dc. 1 tr. 1 dtr. Ch 1. 1 dtr. 1 tr. 2 dc) in Corner Point ch-1 sp. 1 dc in each st to Midpoint ch-1 sp.* (1 dc. Ch 1. 1 dc) in next Midpoint ch-1 sp. Rep from * to * once more. Join. Fasten off E. 24 sts between ch-1 sps.

7th rnd: (RS). Join F with sl st to first Midpoint ch-1 sp. Ch 4. 1 dc in same sp as sl st. *(Skip next 2 sts. V-st in next st) 8 times. (1 dc. Ch 2. 1 tr. Ch 1. 1 tr. Ch 2. 1 dc) in Corner Point ch-1 sp. V-st in next st. (Skip next 2 sts. V-st in next st) 7 times.* (1 dc. Ch 1. 1 dc) in next Midpoint ch-1 sp. Rep from * to * once more. Join. Fasten off F. 28 sts between

ch-1 sps.

8th rnd: Join G with sl st to Midpoint ch-1 sp. Ch 4. 1 dc in same sp as sl st. *1 dc in next dc. Ch 1. Popcorn in next ch-2 sp. (Ch 2. Popcorn in next ch-2 sp) 8 times. Ch 1. Dscp. Ch 1. Popcorn in next ch-2 sp. (Ch 2. Popcorn in next ch-2 sp) 8 times. Ch 1. 1 dc in next dc.* (1 dc. Ch 1. 1 dc) in next Midpoint ch-1 sp. Rep from * to * once more. Join. Fasten off G. 32 sts between ch-1 sps. 9 Popcorns per each side. **Note:** Motif should be approx 16½" [41 cm] long x 9½" [24 cm] wide.

Tip and Hint: Motif will appear to roll in with the last round but stick with it, the next round will settle it back down to being flat once again.

From Mikey: Now is a good time to grab a bench and take in the scenery. Look over there, there's a free concert in the park going on. Let's kick back, take in the sights and sounds. The next part of our journey will require you to be rested up. See ya next week.

