CALYTRIX

The name **Calytrix** is a girl's name of Latin origin meaning 'star-flower'. Given that the centre of the square looks a little like a star flower, I've decided to call this square Calytrix. This square was designed for the Friends Around the World 5th Anniversary CAL. It's an honour to be part of this CAL.

What would you need?

Worsted weight or aran weight yarn in colours of your choice. I opted for 3 colours.

5mm hook

Needle for sewing in your ends

Stitch markers

This square measures 12 inches

 List of stitches used in this design & Abbreviations

*Note this pattern uses **US terminology***

Beg	beginning	
Beg dc2togcl	beginning double crochet two together cluster	Ch3, yo and insert hook into the same st as your starting ch3, pull up a loop, you should have 3 loops on your hook, yo pull through 2 loops, you will have 2 loops on your hook, yo and pull through the 2 loops
Beg dc3togcl	beginning double crochet three together cluster	Ch3, yo and insert hook into the same st as your starting ch3, pull up a loop, you should have 3 loops on your hook, yo and pull through 2 loops – 2 loops on your hook, yo and insert hook into the same st and pull up a loop – 4 loops on your hook, yo and pull through 2 loops. You should have 3 loops on your hook, yo and pull through all 3 loops
bpdc	back post double crochet	Yo, insert your hook from back to front around the post of the stitch from the previous round and work a dc
bphdc	back post half double crochet	Yo, insert your hook from back to front around the post of the stitch from the previous round and work a hdc
ch	chain	
dc	double crochet	Yo, insert the hook into the indicated st/sp and pull up a loop – 3 loops on hook, (yo pull through 2 loop) twice
dc2togcl	double crochet two together cluster	Yo and insert hook into the indicated st/sp, yo and pull up a loop (3 loops on the hook), yo pull through 2 loops. Yo and insert hook into the SAME st/sp, pull up a loop (4 loops on the

		hook), yo and pull through 2 loops (3 loops on the hook), yo and pull through the last 3 loops *Note this is different from a typical dc2tog, which is a decrease worked over 2 sts*
dc3togcl	double crochet three together cluster	Yo and insert hook into the indicated st/sp, yo and pull up a loop (3 loops on the hook), yo pull through 2 loops. [Yo and insert hook into the SAME st/sp, pull up a loop (4 loops on the hook), yo and pull through 2 loops] twice (4 loops on the hook), yo and pull through the last 4 loops *Note this is different from a typical dc3tog, which is a decrease worked over 3 sts*
hdc	half double crochet	This is essentially half of a dc. Yo, insert the hook into the indicated st/sp and pull up a loop – 3 loops on hook, yo and pull through all loops
fpdc	front post double crochet	Yo once, insert your hook from front to back around the post of the stitch from the previous round and work a double crochet
fptr	front post treble	Yo twice, insert your hook from front to back around the post of the stitch from the previous round and work a treble crochet
popcorn st	popcorn st	This popcorn st is made using a hdc and not dc Make 5 hdc into the same st/sp. Remove your hook from the last hdc and insert it into both loops of the 1st hdc. Pick up the last hdc with your hook and pull through the 1st hdc. Ch1 to close the popcorn (this does not count as a st)
sc	single crochet	Insert the hook into the indicated st/sp and pull up a loop – 2 loops on hook, yo and pull through the 2 loops
sl st	slip stitch	A slip stitch is used to join stitches that are worked in rounds. Insert hook into the indicated st and draw yarn through the st and the loop on your hook in one motion
sp	space	
sk st	skip	Skip or miss the next stitch
st/sts	stitch/stitches	
st dc	standing double crochet	I start with a standing stitch with a slip knot on my hook, yo the hook, insert into the indicated st/sp and pull up a loop, yo and pull through 2 loops, yo and pull through 2 loops – as you would work a dc – keep the tail taut whilst doing this st
st hdc	standing half double crochet	I start with a standing stitch with a slip knot on my hook, yo the hook, insert into the indicated st/sp and pull up a loop, yo and pull through all loops on the hook – as you would work a hdc – keep the tail taut whilst doing this st
st dc	standing double crochet	I start with a standing stitch with a slip knot on my hook, insert into the indicated st/sp and pull up a loop, yo and pull through all loops – as you would work a sc – keep the tail taut whilst doing this st
hdc V st	hdc V stitch	1 hdc, ch1, 1hdc into the indicated stitch or space
yo	yarn over	

Disclaimer: Some of the abbreviations and descriptions listed below may be different from what you are used to, and how it is traditionally used. It is very specific to this pattern, therefore please go through the list below so you understand exactly how each stitch is made.

In the pattern I refer to the following stitches:

Standing stitches – used to start a new round or row. Helen Shrimpton explains this very clearly on her website and even has a video tutorial

https://crystalsandcrochet.com/crochet/starting-and-standing-stitches/

Invisible joins – I love invisible joins as it also forces you to work away your ends immediately. Please however, be 100% sure of your stitch count before you use the invisible join, as it will be difficult to undo especially if you work your ends away as securely as I do. Dedri Uys explains this in her website here: http://www.lookatwhatimade.net/crafts/yarn/crochet/crochet-tutorials/crochet-invisible-join-vs-slip-stitch-join/.

Hidden stitch – This is the first st after the ch-2 corner sp. Sometimes I ask you to work in this st and at other times I ask you to skip it, so it best you know which st I am referring to. The best way to explain this is actually read this post by crochet guru Dedri Uys: http://www.lookatwhatimade.net/crafts/yarn/crochet/crochet-tutorials/crochet-corners-elusive-hidden-stitch/.

Finishing your corners that usually have a ch-2 space: You will note that I always work half a corner and then close the corner with a hdc to count as my ch-2 sp. This is something I learnt from Debbie Hemsley - you can find her awesome patterns here: http://www.theneavecollection.com/. If you work a full corner at the beginning of the round, you will find that your new starting point for the next round is not in the ch-2 sp where you want to be. To get to the ch-2 sp you will have to slip stitch across 2 sts, which may make your work a bit bulky. When you close the corner with a hdc, it allows you to start the new round in the same corner-sp.

A detailed step by step photo tutorial is included below

You will also find the instructional video here:

https://youtu.be/LGf9dJEKLcs

To get started

With a 5 mm hook make 4ch and sl st into the 1ˢᵗ ch to form a ring. Alternatively, you can start with a magic ring/circle. I always prefer a double magic ring, as I feel this is somewhat stronger. Please remember to work away the initial tail very securely. You do not want your work to unravel.

Round 1: Colour A

Beg dc3togcl into the ring, (ch1, dc3togcl into the ring) 5 times, ch1,

sl st into the beg dc3togcl.

DO NOT FASTEN OFF

6 x dc3tog clusters, 6ch-1 spaces

Round 2: Colour A

Sl st into the ch-1 sp, ch1 (this does not count as a st), 2sc in the same sp,

(fphdc around the dc3togcl, 2sc in the ch-1ps) 5 times,

fphdc around the dc3togcl,

sl st into the 1ˢᵗ sc.

Fasten off and weave in your ends. You will have a little flower centre.

6 fphdc and 12 sc

Round 3: Colour B

Join in the 1ˢᵗ st after any fphdc from the previous round, ch2 (this counts as the 1ˢᵗ st) OR st-hdc in this st, 1hdc in the same st, 2hdc in the next st,

sl st into the fphdc from the previous round, ch20 (*please make sure your chain is very loose, and try not to twist it too much)*, sl st into the same fphdc,

[2hdc in each of the next 2 sts, sl st in the fphdc from the previous round, ch20, sl st into the same fphdc) 5 times,

Sl st in the beg ch2 or st-hdc. Fasten off and weave in your ends.

24 hdc, 6 x chain 20 loops

Round 4: Colour A

Join in the 1st hdc after the ch20 loop from the previous round, ch2 (this counts as the 1st st) OR st-hdc in this st, 1hdc in each of the next 3 sts,

Keeping the ch20 loop to the front – 3hdc in the st between the ch-20 loop (see pic below) – *this is actually the fphdc from Round 2*,

[1hdc in each of the next 4 sts, keeping the ch20 loop to the front – 3hdc in the st between the ch-20 loop] 5 times,

Sl st in the beg ch2 of st-hdc.

DO NOT FASTEN OFF

42 hdc

Round 5: Colour A

Ch3 (this counts as the 1st st), 1dc in each of the next 3 sts,

ch1, sk st, {(dc2togcl, ch1) 3 times} in the next st – *This is the centre hdc of the 3hdc from the previous round*, sk st,

[1dc in each of the next 4 sts, ch1, sk st (dc2togcl, ch1) 3times in the next st, sk st] 5 times

Sl st in the beginning ch3. Fasten off and weave in your ends.

24dc, 6 x dc2tog cluster groups, 24 ch-1 spaces

Round 6: Colour B

Join in the 1st ch-1 sp after any dc from the previous round, ch2 (this counts as the 1st st) OR st-hdc in this sp, 1 hdc in the same ch-1sp

(fphdc around the dc2togcl, 2hdc in the ch-1sp) 3 times,

[Sk the next st, bpdc around 2 of the ch-20 loops and the next 2 sts – *Hold your hook in the 'knife' method when working this st. The bpdc is worked around 2 chain loops and 2 sts* – sk st, 2hdc in the ch-1 sp, (fphdc around the dc2togcl, 2hdc in the ch-1sp) 3 times,] 5 times.

Sk the next st, bpdc around 2 of the ch-20 loops and the next 2 sts, sk st,

Sl st in the beginning ch2 or st-hdc. Fasten off and weave in your ends.

48 hdc, 18 fphdc, 6bpdc

Round 7: Colour C

Join in any bpdc from the previous round, ch2 (to counts as the 1st st) OR st-hdc in this st,

1hdc in each of the next 4 sts,

[sk st, 1hdc Vst in the next st (*this is the fphdc of the centre dc2togcl from the previous round),* sk st*,* 1hdc in each of the next 9 sts,] 5 times,

Sk st, 1hdc V st in the next st, 1hdc in each of the next 4 sts.

Sl st in the beginning ch2 or st-hdc. Fasten off and weave in your ends.

54 hdc, 6 hdc V sts

Round 8: Colour A

Place your st marker in the 5th st from any hdc V st – beg dc2tog cl, ch1 (dc2togcl, ch1) twice, ch1,

[Sk st, 1dc in each of the next 3 sts, working over the ch20 loop, 3sc in the hdc Vst, securing the loop, 1dc in each of the next 3 sts, ch1, sk st, (dc2togcl, ch-1) 3 times in the next st] 5 times,

Sk st, 1dc in each of the next 3 sts, working over the ch20 loop, 3sc in the hdc v-st, securing the loop, 1dc in each of the next 3 sts, ch1,

Sl st in the beginning ch3 or st-dc. Fasten off and weave in your ends.

36 dc, 18 sc, 6 x dc2tog cluster groups, 24 ch-1 spaces

Round 9: Colour C

Join in any ch-1 sp before the dc2tog cluster group, ch2 (this counts as the 1st st) OR st-hdc in this sp, 1hdc in the same sp,

(Fphdc around the dc2togcl, 2hdc in the ch-1sp) 3 times,

[1hdc in each of the next 3 sts, fpdc around the 3sc from the previous round, 1hdc in each of the next 3 sts, 2hdc in the ch-1 sp, (fphdc around the dc2togcl, 2hdc in the ch-1sp)3 times] 5 times,

1hdc in each of the next 3 sts, fpdc around the 3sc from the previous round, 1hdc in each of the next 3 sts,

Sl st in the beginning ch2 or st-hdc. Fasten off and weave in your ends.

6fpdc, 18 fphdc and 84 hdc

Round 10: Colour A

Join in the fpdc around the 3sc from the previous round, beg dc2togcl in this st, in the same st (ch1, dc2togcl) 2 more times, ch1,

sk st, 1hdc in each of the next 2 sts, bphdc around each of the next 11sts, 1hdc in each of the next 2 sts,

[ch1, sk st, in the next st dc2togcl, ch1) 3 times, sk st, 1hdc in each of the next 2 sts, bphdc around each of the next 11sts, 1hdc in each of the next 2 sts] 5 times,

Ch1, sk st, sl st in the beg dc2togcl. Fasten off and weave in your ends.

66 bphdc, 24hdc, 6 x dc2tog cluster groups, 24 ch-1 spaces.

Round 11: Colour C

St-fphdc around the first dc2togcl of any dc2togcl group,

(2hdc in the ch-1 sp, fphdc around the dc2togcl) twice,

[sk the ch-1 sp and the next 3 sts, fptr around each of the 3dc from Round 8, 1hdc in each of the next 9 sts, fptr around each of the 3dc from Round 8, sk the next 3 sts and the ch-1 sp (fphdc around the dc2togcl, 2hdc in the ch-1sp) twice, fphdc around the dc2togcl] 5 times,

sk the ch-1 sp and the next 3 sts, fptr around each of the 3dc from Round 8, 1hdc in each of the next 9 sts, fptr around each of the 3dc from Round 8, sk the next 3 sts and the ch-1 sp,

Sl st in the st-fphdc. Fasten off and weave in your ends.

18 fphdc, 36 fptr, 78 hdc

Round 12: Colour A

Join in the 1st fphdc after any fptr from the previous round, ch1 (to count as the 1st st) OR st-sc in this st,

1sc in each of the next 6 sts,

Fpdc around each of the next 3 sts, bphdc around each of the next 9 sts, fpdc around each of the next 3 sts, 1sc in each of the next 7 sts) 5 times

Fpdc around each of the next 3 sts, sk st, bphdc around each of the next 9 sts, fdc around each of the next 3 sts

Sl st in the beginning ch-1 or st-sc. Fasten off and weave in your ends.

42 sc, 54 bphdc, 36 fpdc

Round 13: Colour B

Join in the 1st fpdc after any bphdc from the previous round, ch4 (to count as the 1st st) OR st-tr in this st, 1 tr in the same st

(1dc in each of the next 5 sts, 1hdc in each of the next 7 sts, 1sc in each of the next 8 sts, 1hdc in each of the next 7 sts, 1dc in each of the next 5 sts, 2tr in the next st) 4 times

On the last repeat omit the 2tr and sl st in the beg ch4 of st-tr. DO NOT FASTEN OFF.

Per side: 10 dc, 14 hdc, 8 sc

Per corner: 2tr

Round 14: Colour B

Ch3 (to count as the 1st st), ch1, 1 dc in the next st (this is the tr from the previous round),

(1dc in each of the next 7 sts, 1hdc in each of the next 5 sts, 1sc in each of the next 8 sts, 1hdc in each of the next 5 sts, 1dc in each of the next 7 sts,

1dc in the next st ch1, 1dc in the next st) 4 times.

On the last repeat omit the (1dc, ch1, 1dc) and sl st in the beg ch3. Fasten off and weave in your ends.

Per side: 14 dc, 10 hdc, 8 sc

Per corner: 1dc ch1 1dc

Round 15: Colour A

Join in any ch1 corner sp, ch2 (to count as the 1st st) OR st-hdc in this sp.

{Bphdc around each of the next 34 sts,

(1hdc, ch1, 1hdc in the ch-1 corner sp)} 4 times

On the last repeat omit the (1hdc, ch1, 1hdc). 1hdc, ch1 and sl st in the beg ch2 or st-hdc OR 1hdc, 1sc into the beg ch2 or st-hdc. DO NOT FASTEN OFF

Per side: 34 bphdc

Per corner: 1hdc, ch1, 1hdc

Round 16: Colour A

Ch2 (to count as the 1st st),

{sk the 1st hidden st, 1hdc in each of the next 35 sts

(1hdc, ch1, 1hdc in the ch-1 corner sp)} 4 times

On the last repeat omit the (1hdc, ch1, 1hdc), ch1 sl st in the beg ch2 OR 1hdc, 1 sc in the beg ch2. Fasten off and weave in your ends.

Per side: 35 hdc

Per corner: 1hdc, ch1, 1hdc

Round 17: Colour C

Join in any ch1 corner sp, ch2 (to count as the 1st st) OR st-hdc in this sp.

(bphdc around each of the next 37 sts,

1hdc, ch1, 1hdc in the ch-1 corner sp,) 4 times

On the last repeat omit the (1hdc, ch1, 1hdc) and 1hdc, ch1, sl st in the beg ch2 or 1hdc, 1sc in the beg ch2. DO NOT FASTEN OFF.

Per side: 37 bphdc

Per corner: 1hdc, ch1, 1hdc

Round 18 : Colour C

Ch2 (to count as the 1st st), 1hdc in the same sp,

{Sk the 1st hidden st, 1hdc in each of the next 38 sts,

(2hdc, ch2, 2hdc in the ch-1 corner sp)} 4 times

On the last repeat omit the (2hdc, ch2, 2hdc) and 2hdc, ch1, sl st in the beg ch2 OR 2hdc, 1sc in the beg ch2. Fasten off and weave in your ends.

Per side: 38 hdc

Per corner: 2hdc, ch2, 2hdc

I hope you have had as much fun making this square, as I have had creating it….

A very special thank you to Cynthia Sheblom, Kim Lategan, Monika Mackenzie and Roxan Zumani for testing this pattern.

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