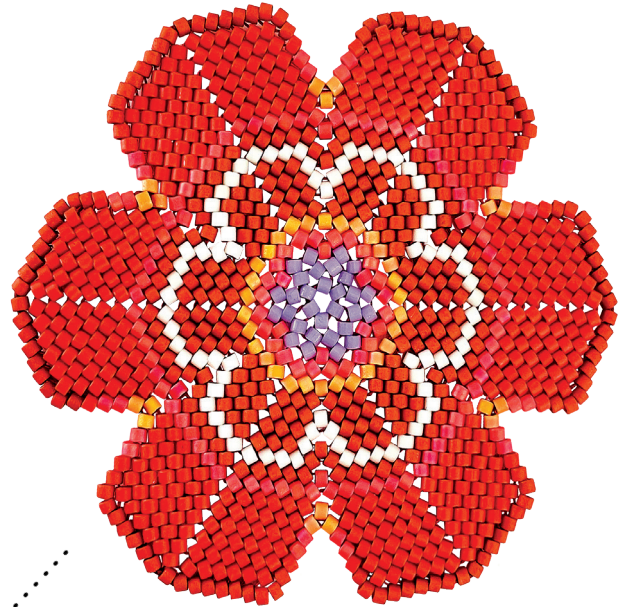
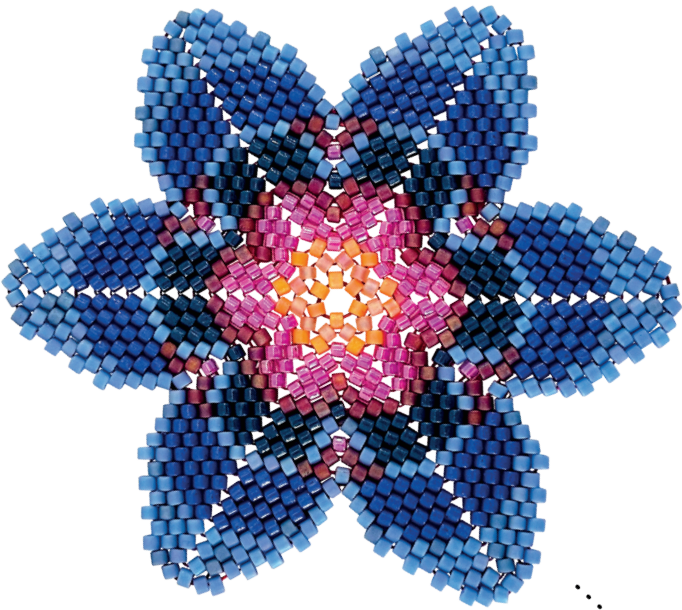
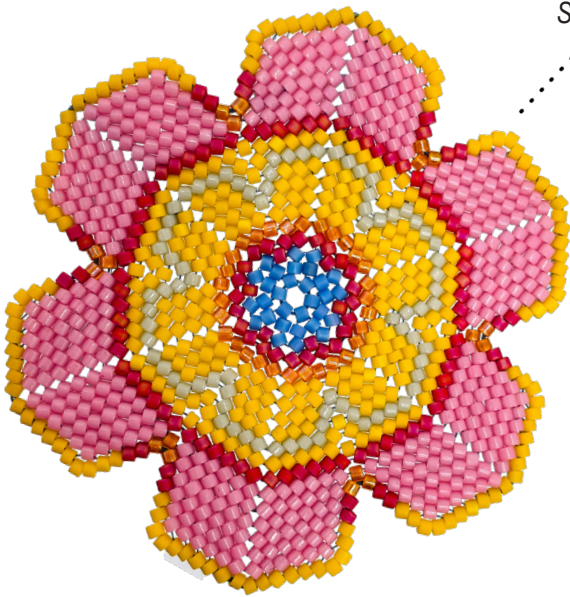


Starflowers: Playing with turning Star points into Petals



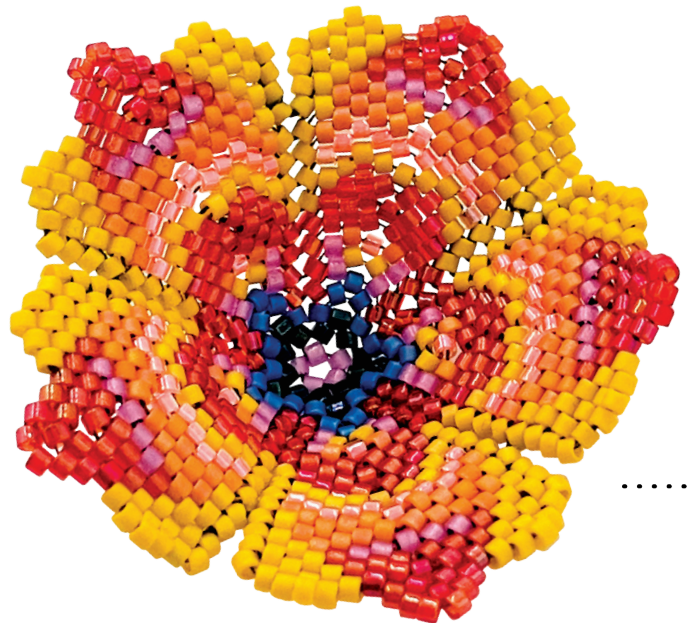
Starflowers

Beadwork and colour design by Kathryn Shriver and Karen Beningfield, illustration by Karen Beningfield.

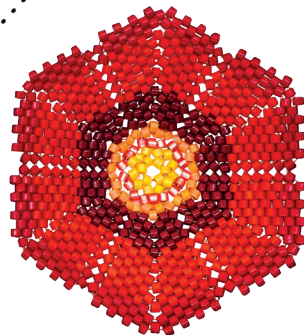
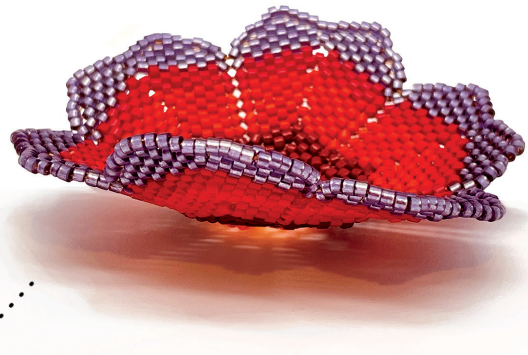
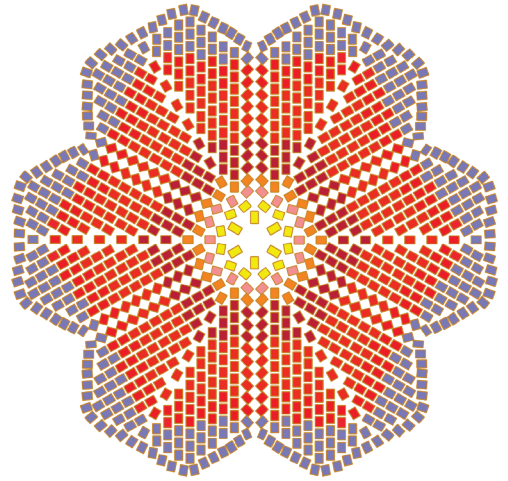
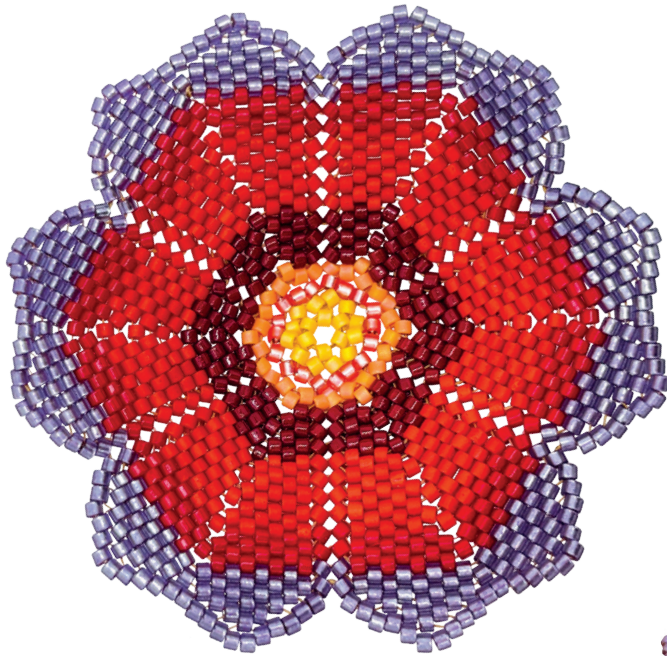
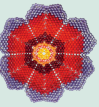


By adding just a few extra finishing beads to the edge of each star point, **Starflowers** with petals of different shapes and sizes can be created.

When the Increase and Decrease lines exchange progressions, a **Reverse Starflower** emerges (right and *opposite*).



The Reverse Starflower: Hexagon Increase & Slow Herringbone Decrease



Reverse Starflowers

What's really neat about the **Red Poppy** example from Karen (*above*) is how it calls out the shape of the architecture in red, and the embellishments in purple.

Our starter pattern for the **Basic Reverse Starflower** (pg xx) stops in this shape. To create fancy petals of any shape or ruffle, just build off of this sturdy hexagonal center with finishing beads.

Basic Reverse Starflower: A Play on Progressions

This teaching sample illustrates the basic structure of the Reverse Starflower, a gently cupped form.

Hexagon Increases

See the 3-round progression here: two-bead **Increases** in gold, black **Point Beads**, and sets of red **Fill Beads**.

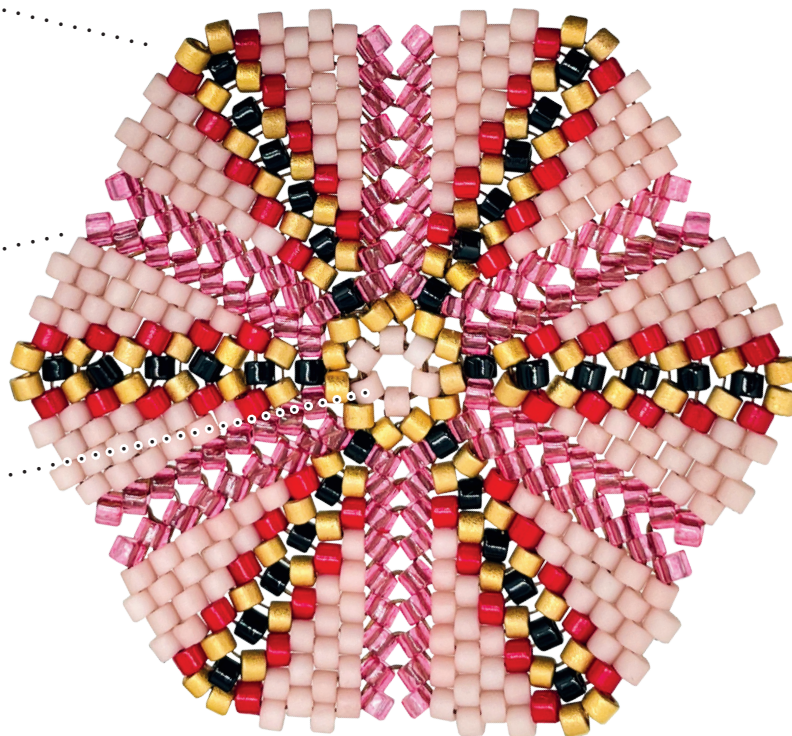
Slow Herringbone Decreases

Here in transparent pink, these reveal the **P/T (Pass Through)** stitches in their valleys.

Center Circle

The number of beads here sets the number of Increase and Decrease pairs, which in turn sets the number of petals.

Fewer petals will pull the flower into a tighter cup, and adding more petals will ruffle the flower outward like a warped polygon.



Even with no finishing rounds, this basic pattern is very much like a flower.

Discussion: Increase and Decrease Progressions

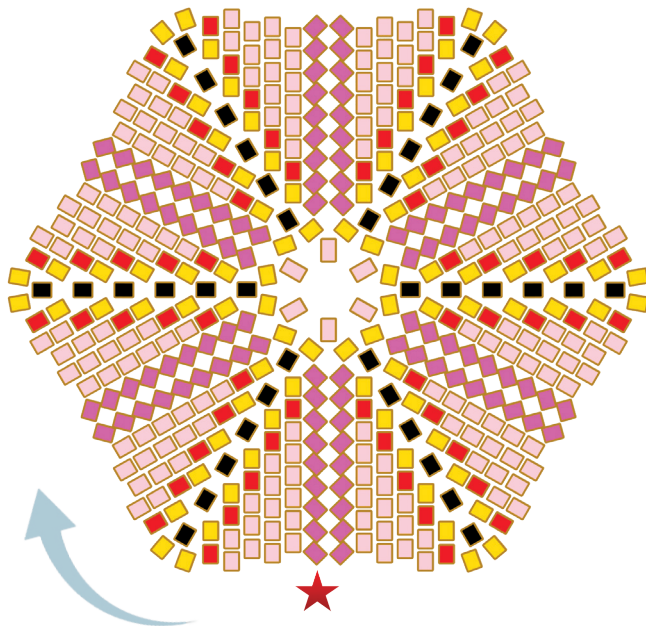
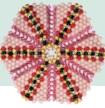


The **Hexagon Increase** in the middle of each petal creates a soft increasing curve, growing outward through a three-round progression of **Increase** (gold, B), **Point** (black, C) and **Fill** (red, E) beads. We note that we call these **C** beads **Spacers** when they are in a **Hexagon Decrease** progression, and **Point Beads** when they are in an increase progression, as their names describe their function or actions in each case.



The **Herringbone Decrease** in this pattern is a slow progression, with **D** beads placed every other round and then drawn together. This creates a line that has the look of the decrease line in a **Rick-Rack** (pgs. xx-xx) but with a gentler angle. Note that this line is both a **gathered decrease** (the first pass-throughs) and a **decrease by omission** (any following pass-throughs that travel through but add no beads).

Basic Reverse Starflower: Chart Round-Up



This pattern is charted in a clockwise direction, with **Step-Ups** at the bottom.

Pass-Throughs take place at the transition between petals.

We used 2.43 gm of Miyuki Delica 11° cylinder beads for an 18-round Starflower.

- A 1515** *Matte Bubblegum*
- B 331** *Matte Gold*
- C 10** *Opaque Black*
- D 1308** *Transparent Pink*
- E 791** *Opaque Apple Red*

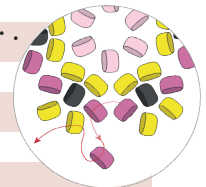
Notation

- X,X,X** Peyote stitches
- 2X** Peyote 2X
- [XX]** Increase / Placed in one stitch
- {X,X}** Hex Progression
- P/T X** Pass Through X

Decrease Beads separated by double space

Beads added
per round 6

1	CENTER START	AAAAAA
18	2 HEX INCREASE, POINT	[BCB] x 6
24	3 DECREASE, HEX INCREASE	[DBBD] P/T B x 6
18	4 DECREASE, HEX POINT	D {C} D P/T D x 6
12	5 HEX FILL	{E,E} P/T D x 6
24	6 DECREASE, HEX INCREASE	D {[BB]} D P/T D x 6
18	7 HEX POINT	A {C} A P/T D x 6
24	8 DECREASE, HEX FILL	D {E,E} D P/T D x 6
24	9 HEX INCREASE	A {[BB]} A P/T D x 6
30	10 DECREASE, HEX POINT	D A {C} A D P/T D x 6
24	11 HEX FILL	A {E,E} A P/T D x 6
36	12 DECREASE, HEX INCREASE	D A {[BB]} A D P/T D x 6
30	13 HEX POINT	2A {C} 2A P/T D x 6
36	14 DECREASE, HEX FILL	D A {E,E} A D P/T D x 6
36	15 HEX INCREASE	2A {[BB]} 2A P/T D x 6
42	16 DECREASE, HEX POINT	D 2A {C} 2A D P/T D x 6
36	17 HEX FILL	2A {E,E} 2A P/T D x 6
48	18 DECREASE, HEX INCREASE	D 2A {[BB]} 2A D P/T D x 6




Pay close attention to the placement of the **Decrease Beads**

Basic Reverse Starflower: Step-by-Step

Teaching Pattern

We used 2.43 gm of Miyuki Delica 11° cylinder beads for an 18-round Starflower.

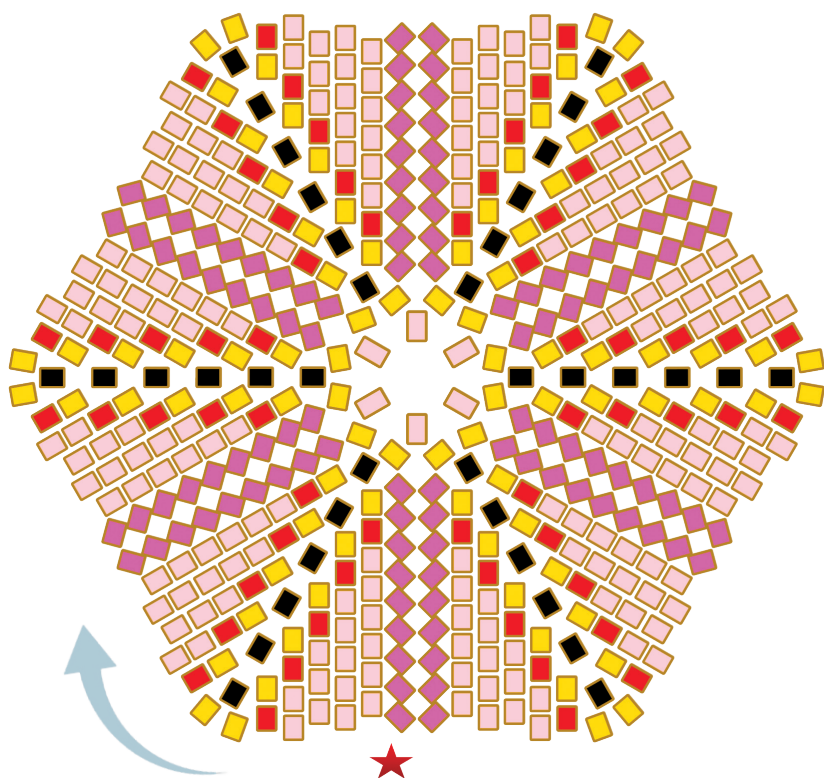
	A	1515	<i>Matte Bubblegum</i>
	B	331	<i>Matte Gold</i>
	C	10	<i>Opaque Black</i>
	D	1308	<i>Transparent Pink</i>
	E	791	<i>Opaque Apple Red</i>

This pattern will be easiest to master after first beading the **Flat Star** (pgs. xx, xx).

This pattern is charted in a clockwise direction, with **Step-Ups** at the bottom.

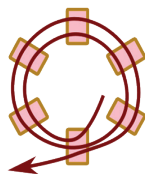
Pass-Throughs take place at the transition between petals.

For Notation guide, see [pg. XX](#)



Round 1 Center Start

6 beads added

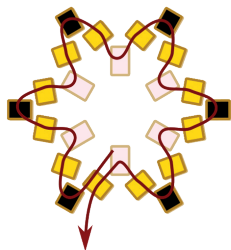


1 CENTER START: AAAAAA

Starting with one meter (36") of thread, pick up 6A and go back through the first A to form the **Center Circle**. Pass through all six beads once or twice more to secure. Leave a tail to tuck in (10-15 cm / 4-6"), but do not knot it to so that the tension can adjust itself over the next rounds. **Exit through the first bead added.**

Round 2 Hex Increase + Point Bead

3 beads added to
each petal,
18 for the round

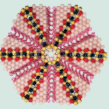


2 HEX INCREASE, POINT: [BCB] x 6

Pick up BCB and pass through the next A in the **Center Circle**. Repeat this three-bead placement between the next five A beads in the circle. **Step Up through the first B bead added.** Keep the flower flat by pressing it between your fingers, and avoid twisted loops. At the end of this step, weave in the tail to secure, and trim.

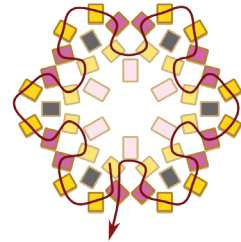
Rounds 2 & 3 lay in multiple steps in one round. See why on [pgxx](#).

Hexagon Increase, Slow Herringbone Decrease



3 DECREASE, HEX INCREASE: [DBBD] P/T B x 6

Pick up DBBD and stitch through the next B bead from Round 2. Without adding beads in the valley, **Pass Through** the following B bead from Round 2 to move on to the next petal. Repeat for each of the next five petals, and **Step Up** through the first D bead added in this round.



Round 3
Decrease Beads +
Hex Increases

4 beads added to
each petal,
24 for the round

4 DECREASE, HEX POINT: D {C} D P/T D x 6

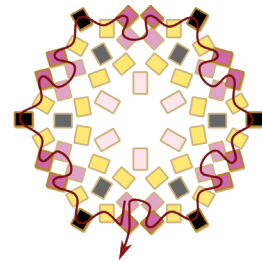
Decrease Line: Place 1D in between the D bead the needle has just exited and the first B bead from Round 3. This is an odd placement, but these side additions are what determine the shape and growth of the petals.

Split the [BB] beads at the top of the petal with a single C Point Bead, exit through B.

Decrease Line: Place 1D in the space between the B bead the needle has just exited and the second D bead from Round 3. **Pass Through** the next D bead to move to the next petal.

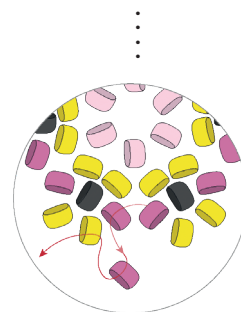
Check that the **Decrease Beads** are sitting correctly, at a slight tilt. They will become part of the **Slow Herringbone Decrease Line**, and should sit on top of the previous D beads.

Repeat this three-bead sequence for each of the next five petals, and then **Step Up** through the first D bead added in this round.



Round 4
First Inserted
Decrease Beads
+ Hex Point

3 beads added to
each petal,
18 for the round

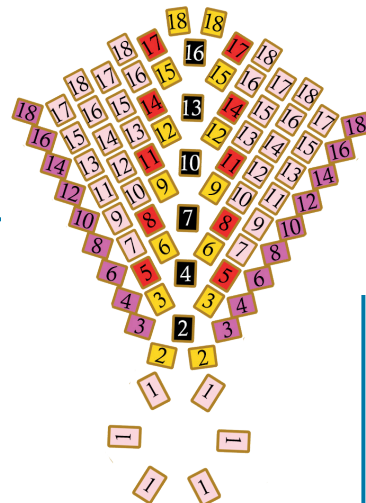


Pay close attention- it's
easy to misplace these
beads if distracted!

Because of the complexity of the Reverse Starflower, it can be difficult to count rounds.

We often rely on Herringbone lines to count rounds, however this form is less straightforward as the beads of our decrease lines are not placed in every round.

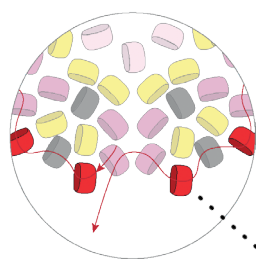
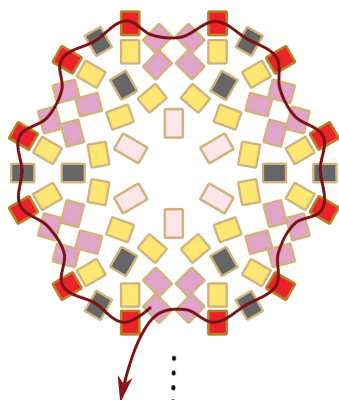
Use this petal diagram as a counting guide.
Learn more about round sequence on pages xx.



Basic Reverse Starflower: Step-by-Step

Round 5 Hex Fill

2 beads added to
each petal,
12 for the round



5 HEX FILL: {E,E} P/T D x 6

Hexagon Fill: Place 1E on either side of the C Point Bead from Round 4. Pass Through the valley of the Decrease Line through the next D Decrease Bead to move on to the next petal.

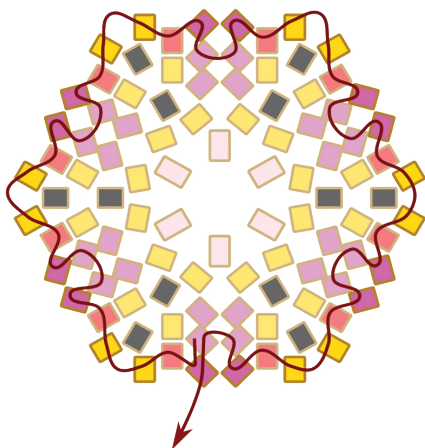
Repeat for the next 5 petals and **Step Up**, passing through the first D Decrease Bead from Round 4 only.

Note that because the **Step Up** occurs along a **Decrease Line**, where **Decrease Beads** are placed every other round, the **Step Up** will alternate between passing through two beads and passing through just one bead. **This is the first round where we do not pass through any beads placed in this step before moving on.**

In rounds in which **Decrease Beads** are not added, beads nearest to the **Decrease Line** may appear loose. This is actually desirable, as it allows space for future **Decrease Beads**. Pulling tight here is not advisable.

Round 6 Decrease Beads + Hex Increase

4 beads added to
each petal,
24 for the round



6 DECREASE, HEX INCREASE: D {[BB]} D P/T D x 6

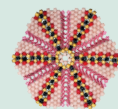
Decrease Line: Place 1D between the D Decrease Bead from Round 4 and the first E Fill Bead from Round 5.

Hexagon Increase: In a single stitch, place 2B at the top of the Hexagon Increase line, between the two E Fill Beads from Round 5.

Decrease Line: Place 1D in the next Decrease Line, stitching down through the second D Decrease Bead placed in Round 4. Pass Through the valley of the Decrease Line through the next D bead from Round 4.

Repeat for the next 5 petals and **Step Up** through the first D bead added in this round.

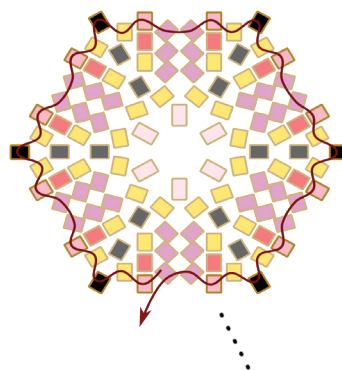
Hexagon Increase, Slow Herringbone Decrease



7 HEX POINT: A {C} A P/T D x 6

Peyote 1A, and then **Split** each [BB] **Increase** from **Round 6** with a single **C Point Bead**. Peyote one more **A** bead, and pass through the valley of the **Decrease Line** through the next **D** bead from **Round 6** adding no beads in between.

Repeat for the next 5 petals and **Step Up** through the first **D** bead added in **Round 6** only.



Round 7 Hex Point

3 beads added to
each petal
18 for the round

*Regular peyote stitches
(A beads) begin to fill
the space between increases
and decreases.*

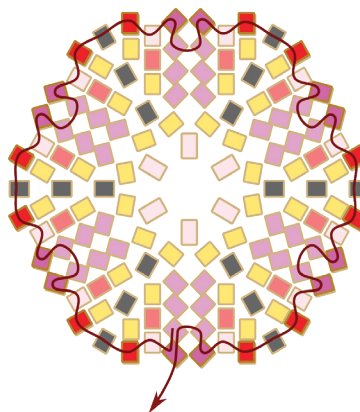
8 DECREASE, HEX FILL: D {E,E} D P/T D x 6

Decrease Line: Place 1D between the first **D Decrease Bead** from **Round 6** and the first **A Bead** from **Round 7**.

Hexagon Fill: Place 1E on either side of the **C Point Bead** from **Round 7**.

Decrease Line: Place 1D in the next **Decrease Line**, stitching down through the second **D Decrease Bead** placed in **Round 6**. **Pass Through** the valley of the **Decrease Line** through the next **D** bead from **Round 6**.

Repeat for the next 5 petals and **Step Up** through the first **D** bead added in this round.



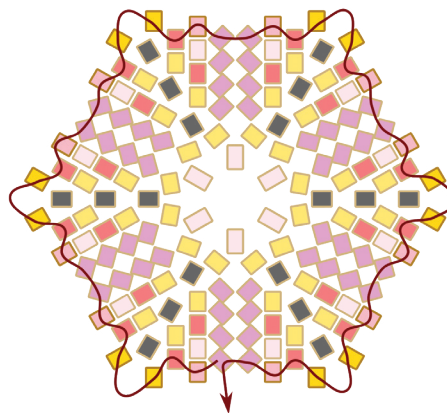
Round 8 Decrease + Hex Fill

4 beads added to
each petal,
24 for the round

9 HEX INCREASE: A {[BB]} A P/T D x 6

Peyote 1A and then place [BB] **Increase Beads** between the **E Fill Beads** from **Round 8**. Peyote one more **A** bead and **Pass Through** the valley of the **Decrease Line** through the next **D Decrease Bead** from **Round 8**.

Repeat for the next 5 petals and **Step Up** through the first **D** bead added in **Round 8** only.

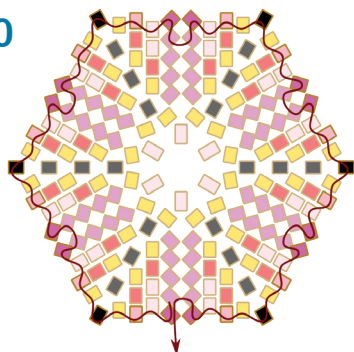


Round 9 Hex Increase

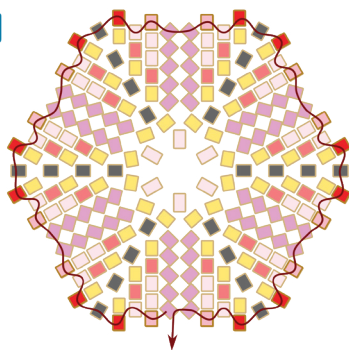
4 beads added to
each petal,
24 for the round

Basic Reverse Starflower: Step-by-Step

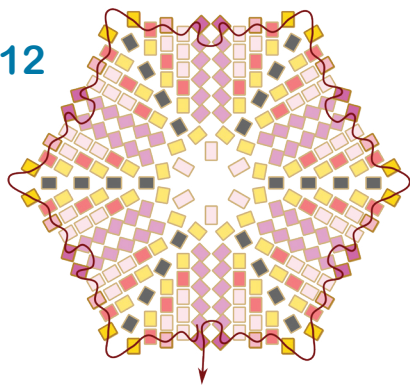
10



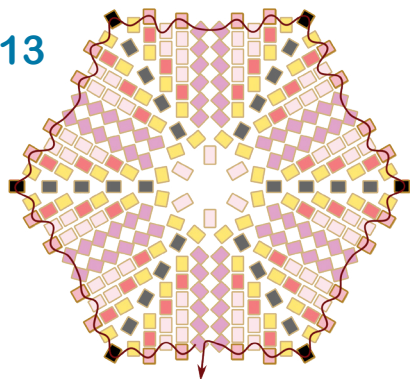
11



12



13



10 DECREASE, HEX POINT: D A {C} A D P/T D x 6

Decrease Line: Place 1D between the first D Decrease Bead from Round 8 and the first A Bead from Round 9.

Peyote 1A, and **Split** the Increase Beads from Round 9 with a C Point Bead. Peyote another A bead.

Decrease Line: Place another D bead between the second A bead placed in Round 9 and the second D Decrease Bead placed in Round 8. **Pass Through** the valley of the Decrease Line through the next D Decrease bead from Round 8.

Repeat for each of the next five petals, and then **Step Up** through the first D bead added in this round.

Continue beading in this progression, referring to the chart and following the thread guides in the illustrations for each round.

11 HEX FILL: A {E,E} A P/T D x 6

12 DECREASE, HEX INCREASE: D A {[BB]} A D P/T D x 6

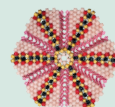
13 HEX POINT: 2A {C} 2A P/T D x 6

This basic pink pattern was meant to show the structure, not the splash, but as you can see by looking at the centers of the pieces below, there is a great deal of expression possible in the first 18 rounds of beadwork.

Three Reverse Starflowers by Kathryn Shriver.

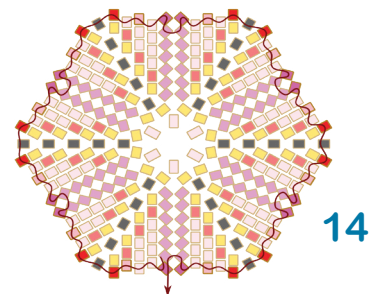
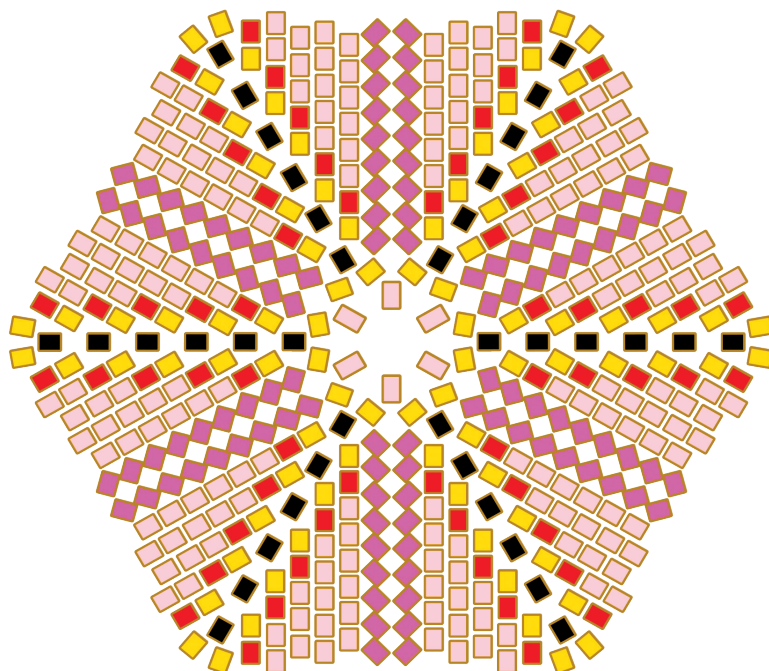


Hexagon Increase, Slow Herringbone Decrease

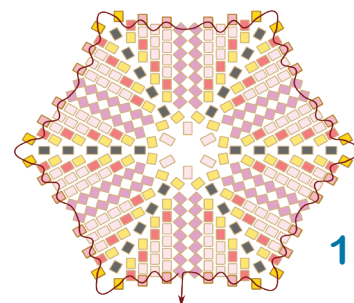


- 14 DECREASE, HEX FILL: D A {E,E} A D P/T D x 6
- 15 HEX INCREASE: 2A {[BB]} 2A P/T D x 6
- 16 DECREASE, HEX POINT: D 2A {C} 2A D P/T D x 6
- 17 HEX FILL: 2A {E,E} 2A P/T D x 6
- 18 DECREASE, HEX INCREASE: D 2A {[BB]} 2A D P/T D x 6

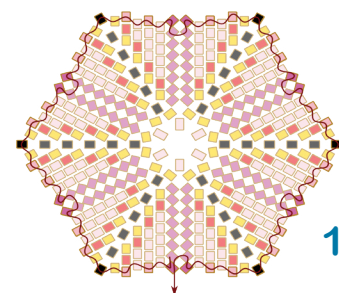
Continue for as many rounds as you like until your flower is the desired size. Weave in any remaining thread tails to finish your **Reverse Starflower**.



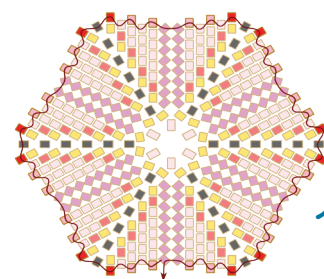
14



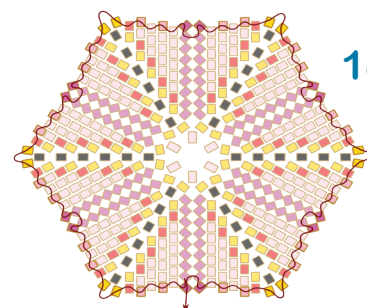
15



16

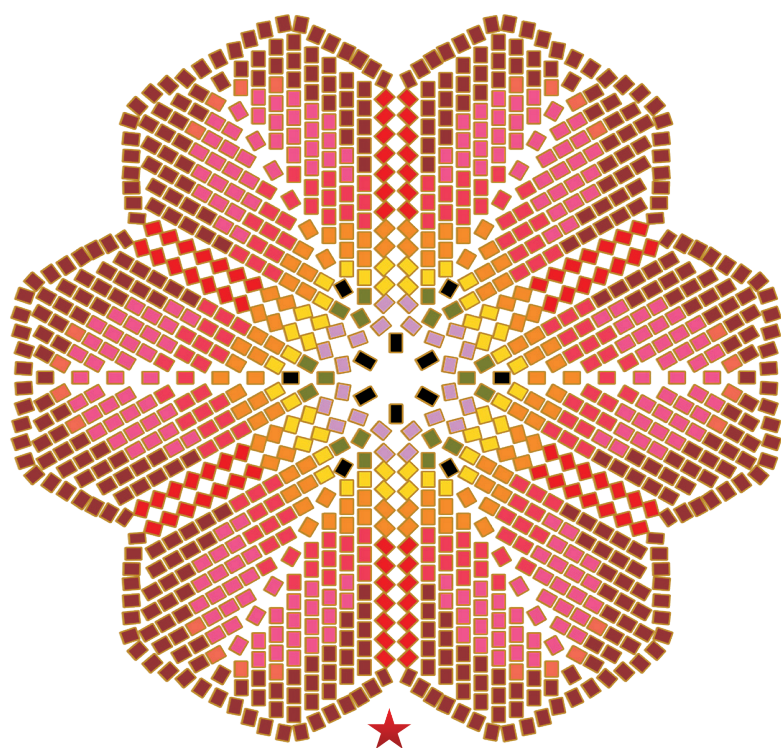


17



18

The Red Rainbow Reverse Starflower: Overview



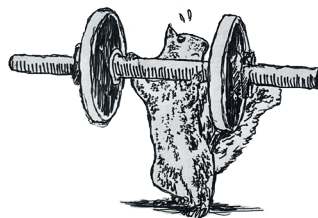
This pattern is charted in a clockwise direction, with **Step-Ups** at bottom.

Pass-Throughs take place at the transition between petals.



Pattern and Colour Design Kathryn Shriver

Kathryn was inspired by Susannah Thomson's **Flat Star** progressions to design a one-piece **Reverse Starflower** that had the look of a **Kaleidocycle Flower Face** built with six **Geometric Peyote Triangles** finished as petals. This flower was her first finished example. Try this advanced pattern once you've mastered the basic **Reverse Starflower**. Find a blank graph for colouring your own design on page **xx**.



Difficult / Intricate
Best Done In
Good Light in a
Peaceful Spot

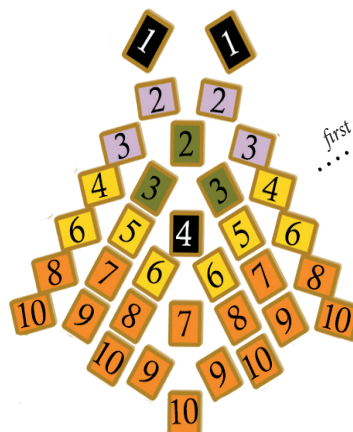
Advanced Pattern

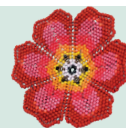
We used 5.52 gm of Miyuki Delica 11° cylinder beads for a 31-round Cupped Starflower.

■ A	10	Opaque Black
■ B	1514	Matte Lilac (or white)
■ C	384	Transparent Grey
■ D	2102	Yellow
■ E	1593	Matte AB Orange
■ F	873	Matte AB Pink
■ G	1841	Galvanized Salmon
■ H	2288	Matte Brick Red
■ J	872	Matte AB Pink-Orange

Combining colours will simplify this pattern, as will using only one colour per round.

Our chart shows the sequence per round for each petal; repeat around the center ring for as many petals as you care to start with. This pattern has six petals, but more or fewer are possible.



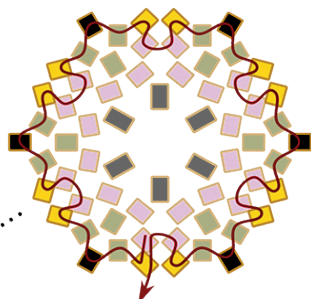


There are six Increase and six Decrease lines in this pattern, with Pass-Throughs between each petal.

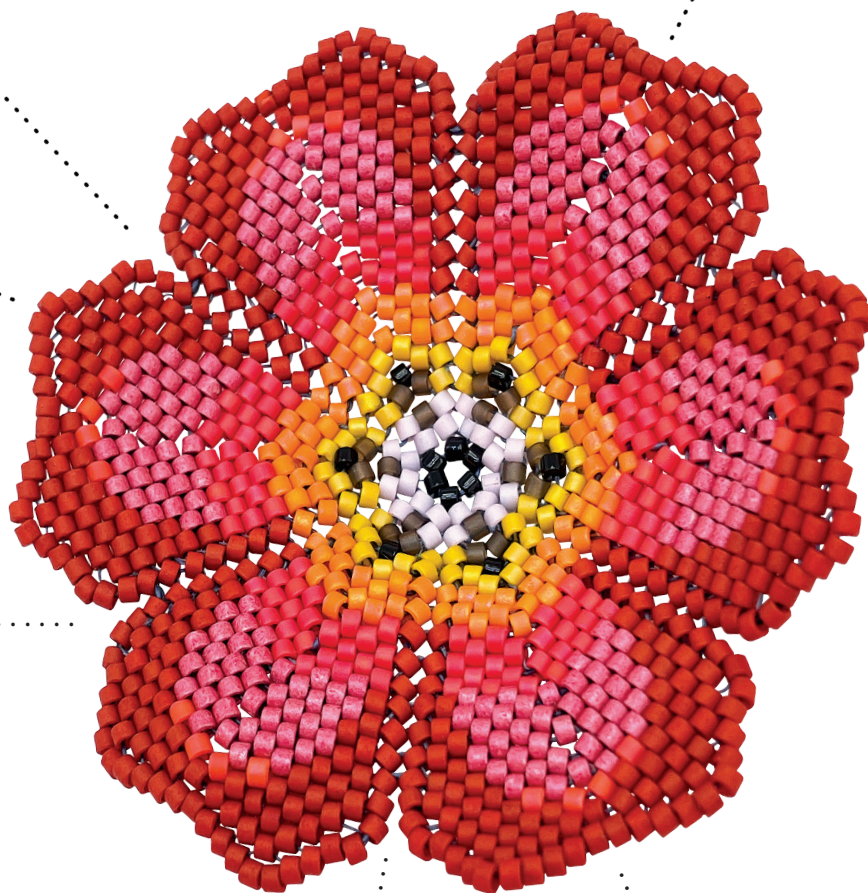
The six **Decreases** reveal the pass-through stitches in the valleys, defining the edges of each petal with lines of light.

The **Hexagon Increase** progression gives flashes of light every third round, seen around each of the single **Point** beads in rounds 4, 7, 10, 13, 16, etc. below.

Finishing Rounds along the top edge of each petal embellish the natural weave structure and work with it to create a fluttery edge.



The six decrease lines have their first yellow beads added in **Round 4**, which is the first normal pattern round after the quick-start center.



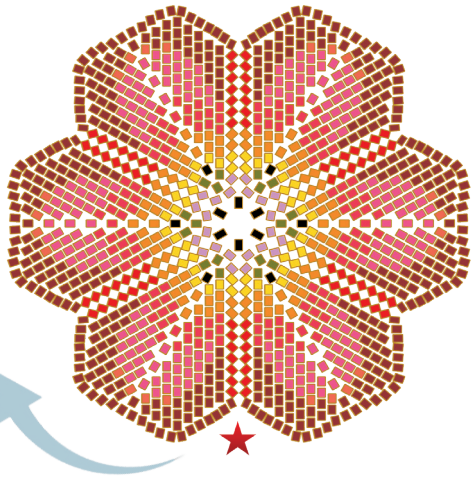
Slow Herringbone Decrease Lines

These beads are pulled together when our needle travels from one petal to another, **Passing Through** two beads without adding any in the valleys. This threadpath results in a decrease similar to the one we see in a **Rick-Rack**, but is pulled together over two rounds, rather than every round. Because of this, we can't count rounds in the traditional way along this herringbone line.

Hexagon Increase Lines

After a quick start (which lays four rounds of beads down in two) the center line of each petal follows the classical three-round **Hexagon Increase** progression of **Point**, **Fill**, and **Increase** beads.

The Red Rainbow Reverse Starflower: Chart Round-Up



Notation	
X,X,X	Peyote stitches
2X	Peyote 2X
[XX]	Increase / Placed in one stitch
{X,X}	Hex Progression
P/T X	Pass Through X
Decrease Beads separated by double space in notation.	

■ A	10	Opaque Black
■ B	1514	Matte Lilac
■ C	384	Transparent Grey
■ D	2102	Yellow
■ E	1593	Matte AB Orange
■ F	873	Matte AB Pink
■ G	1841	Galvanized Salmon
■ H	2288	Matte Brick Red
■ J	872	Matte AB Pink-Orange

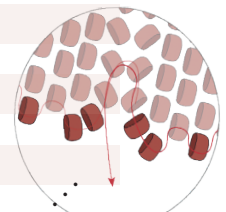
This pattern is charted in a clockwise direction, with **Step-Ups** at bottom.

Pass-Throughs take place at the transition between petals.

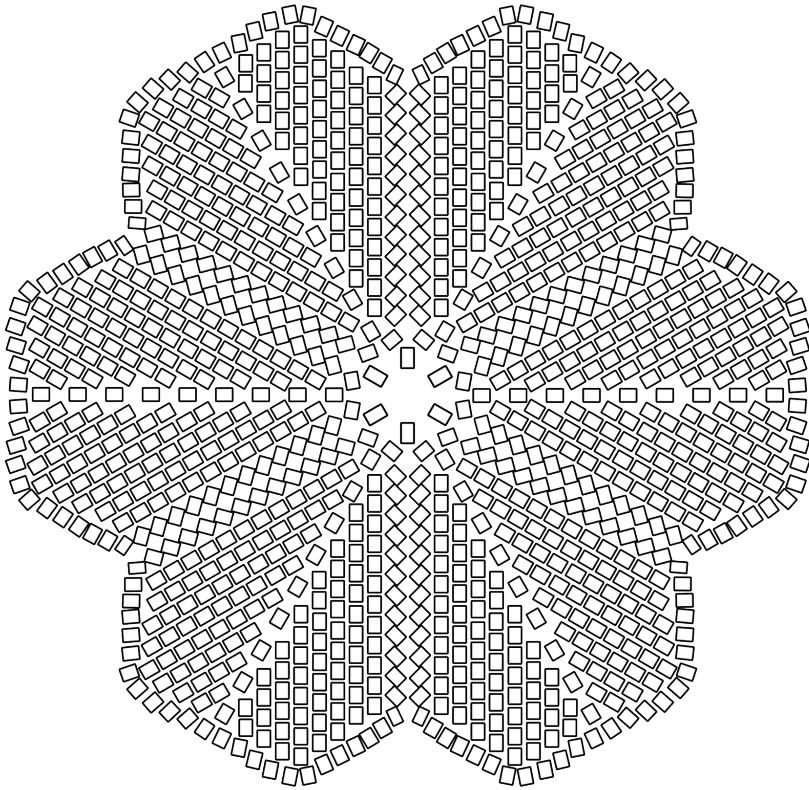
Beads added
per round 6

18	2	HEX INCREASE, POINT	[BCB] x 6
24	3	DECREASE, HEX INCREASE	[BCCB] P/T B x 6
18	4	DECREASE, HEX POINT	D {A} D P/T B x 6
12	5	HEX FILL	{D,D} P/T D x 6
24	6	DECREASE, HEX INCREASE	D {[DD]} D P/T D x 6
18	7	HEX POINT	E {E} E P/T D x 6
24	8	DECREASE, HEX FILL	E {E,E} E P/T D x 6
24	9	HEX INCREASE	E {[EE]} E P/T E x 6
30	10	DECREASE, HEX POINT	E E {E} E E P/T E x 6
24	11	HEX FILL	F {F,F} F P/T E x 6
36	12	DECREASE, HEX INCREASE	H F {[FF]} F H P/T E x 6
30	13	HEX POINT	2F {F} 2F P/T H x 6
36	14	DECREASE, HEX FILL	H F {F,F} F H P/T H x 6
36	15	HEX INCREASE	2F {[FF]} 2F P/T H x 6
42	16	DECREASE, HEX POINT	H 2G {G} 2G H P/T H x 6
36	17	HEX FILL	H,G {G,G} G,H P/T H x 6
48	18	DECREASE, HEX INCREASE	H 2G {[GG]} 2G H P/T H x 6
42	19	HEX POINT	H,2G {G} 2G,H P/T H x 6
48	20	DECREASE, HEX FILL	H H,G {G,G} G,H H P/T H x 6
48	21	HEX INCREASE	H,2G {[GG]} 2G,H P/T H x 6
54	22	DECREASE, HEX POINT	H H,2G {G} 2G,H H P/T H x 6
48	23	HEX FILL	2H,G {G,G} G,2H P/T H x 6
60	24	DECREASE, HEX INCREASE	H 2H,J {[JJ]} J,2H H P/T H x 6
54	25	HEX POINT	4H {H} 4H, P/T H x 6
60	26	DECREASE, HEX FILL	H 3H {H,H} 3H H P/T H x 6
72	27	FINISHING	[HH] 3H {[HH]} 3H [HH] P/T 3H x 6
48	28	FINISHING	P/T 2H 4H {P/T H} 4H P/T 5H x 6
36	29	FINISHING	P/T 3H 3H P/T 3H 3H P/T 6H x 6
24	30	FINISHING	P/T 4H 2H P/T 5H 2H P/T 7H x 6
24	31	FINISHING	P/T 5H [HH] P/T 7H [HH] P/T 8H x 6

Size 12° (or
slimmer)
needles and
thinner thread
suggested
for **Finishing
Rounds**

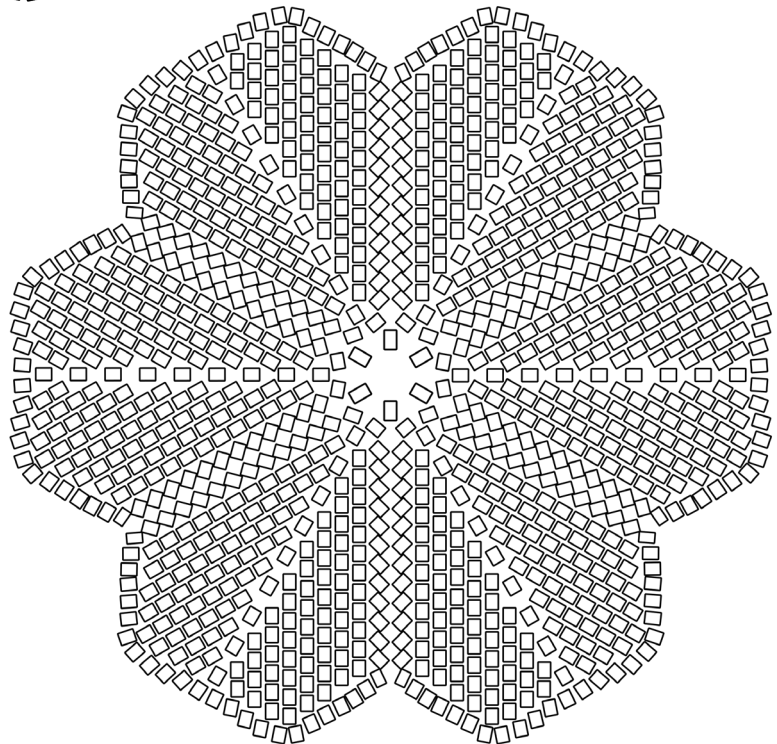


Keep petals
separated by
Passing Through
two sets of
Decrease Beads
(from **Rounds 26
& 24**) for the rest
of the weaving.

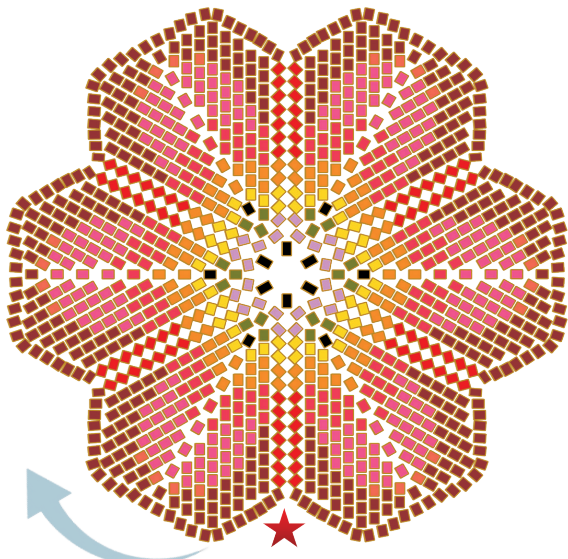


Experimenting?

These **Blank Reverse Starflower Graphs** by Karen Beningfield can be used for testing pattern and colour design ideas.



The Red Rainbow Reverse Starflower: Step - by - Step



This pattern is charted in a clockwise direction, with **Step-Ups** at the bottom.

Pass-Through as indicated in each step to transition between petals. Pass-through stitches add no new beads.

This pattern will be easiest to master after first beading the **Flat Star**, **Flat Starflower**, and the **Reverse Starflower** teaching pattern (pgs. xx, xx, xx).

Simplify the colour set for ease; for example, combine D and E into one yellow and F, G, and H into one red.

For **Finishing Rounds** (Rounds 27-31), Size 12° (or slimmer) needles are suggested, as is the use of a thinner thread, such as Nymo B.

Notation

X,X,X	Peyote stitches
2X	Peyote 2X
[XX]	Increase / Placed in one stitch
{X,X}	Hex Progression
P/T X	Pass Through X

Decrease Beads separated by double space in notation.

■ A	10	Opaque Black
■ B	1514	Matte Lilac
■ C	384	Transparent Grey
■ D	2102	Yellow
■ E	1593	Matte AB Orange
■ F	873	Matte AB Pink
■ G	1841	Galvanized Salmon
■ H	2288	Matte Brick Red
■ J	872	Matte AB Pink-Orange

1 CENTER START: AAAAAA

Starting with one meter (36") of thread, pick up **6A** and go back through the first **A** to form the **Center Circle**. Needle through all six beads once or twice more to secure. Leave enough of a tail to tuck in (10-15 cm / 4-6"), but do not knot or secure it yet. This will allow thread tension to adjust itself over the next few rounds. Exit through the first bead added.

2 HEX INCREASE, POINT: [BCB] x 6

Pick up **BCB** and go through the next **A** in the **Center Circle**. Repeat this three-bead placement between the next five **A** beads in the starting ring, and then **Step Up** through the first **B** bead added. Keep the flower flat by pressing it between your fingers to avoid twisted loops. At the end of this round, weave in the tail thread and trim.

3 DECREASE, HEX INCREASE: [BCCB] P/T B x 6

Pick up **BCCB** and stitch through the next **B** bead from **Round 2**. Without adding beads in the valley, **Pass Through** the following **B** bead from **Round 2** to move on to the next petal. Use medium-soft tenion to ease the placement of **Decrease Beads** in the next round. Repeat this four-bead sequence for each of the next five petals, and then **Step Up**, exiting the first **B** bead added in this round.

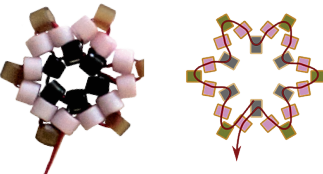
Round 1 Center Start

6 beads added



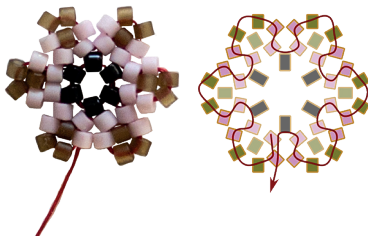
Round 2 Hex Increase + Point Bead

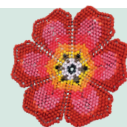
3 beads added to each petal, 18 for the round



Round 3 Decrease Beads + Hex Increases

4 beads added to each petal, 24 for the round





4 DECREASE, HEX POINT: D {A} D P/T B x 6

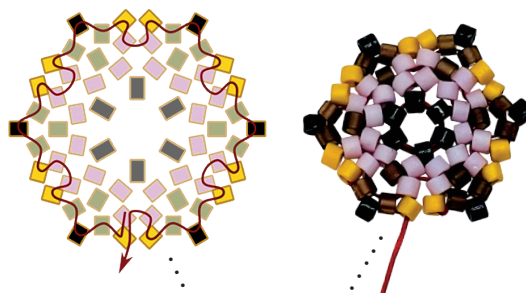
Place a **D Decrease Bead** in between the **B** bead the needle has just exited and the first **C** bead from **Round 3**.

Split the **[CC] Increase** at the top of the petal with a single **A Point Bead**, exiting through the second **C** from **Round 3**.

Place a second **D Decrease Bead** in the space between the **C** bead the needle has just exited and the second **B** bead from **Round 3**. **Pass Through** the next **B** bead to move to the next petal.

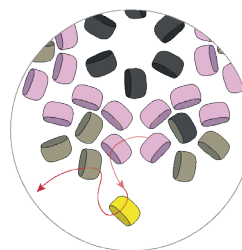
Ensure that the **Decrease Beads** are sitting correctly, at a slight tilt. They will become part of the **Herringbone Decrease Line**, and should sit on top of the previous **B** beads.

Repeat this three-bead sequence for each of the next five petals, and then **Step Up** through the first **D** bead added in this round.



Round 4
Decrease Beads
+ Hex Point

3 beads added to
each petal,
18 for the round



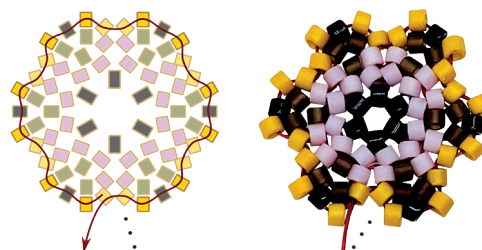
*Pay close attention— it's easy to misplace these **Decrease Beads** if distracted!*

5 HEX FILL: {D,D} P/T D x 6

Place a **D Fill Bead** between the **D Decrease Bead** and the **A Point Bead** from **Round 4**. Place one more **D Fill Bead** on the other side of the **A Point Bead**, and stitch down through the second **D Decrease Bead** from **Round 4**. **Pass Through** the valley of the **Decrease Line** through the next **D Decrease Bead** from **Round 4** to move on to the next petal.

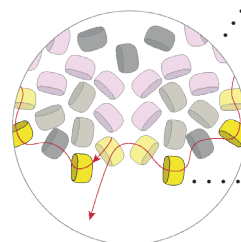
Repeat for the next 5 petals and **Step Up**, passing through the first **D Decrease Bead** from **Round 4** only.

*Now the **Step Up** will alternate between passing through two beads (even rounds) and passing through just one (odd rounds).*



Round 5
Hex Fill

2 beads added to
each petal,
12 for the round

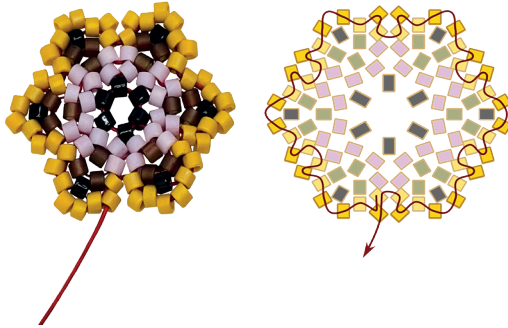


*In odd rounds, always allow some slack for the beads placed next to the **Decrease Line** to leave space for **Decrease Beads** in the next round.*

The Red Rainbow Reverse Starflower: Step - by - Step

Round 6 Decrease Beads + Hex Increase

4 beads added to
each petal,
24 for the round



6 DECREASE, HEX INCREASE: D {[DD]} D P/T D x 6

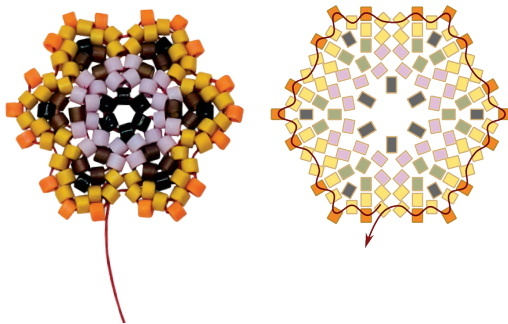
Place a **D Decrease Bead** between the first **D Decrease Bead** from Round 4 and the first **D Fill Bead** from Round 5. In a single stitch, place a **[DD] Increase** at the top of the **Hexagon Progression**, between the two **D Fill Beads** from Round 5.

Then, place another **D Decrease Bead** in the next **Decrease Line**, stitching down through the second **Decrease Bead** placed in Round 4. **Pass Through** the valley of the **Decrease** through the next **B** bead from Round 4.

Repeat for the next 5 petals and **Step Up** through the first **D** bead added in this round.

Round 7 Hex Point

3 beads added to
each petal
18 for the round



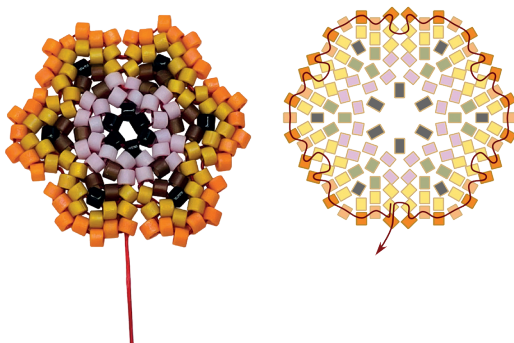
7 HEX POINT: E {E} E P/T D x 6

Peyote **1E**, and then **Split** each **[DD] Increase** from Round 6 with a single **E Point Bead**. Peyote one more **E** bead, and **Pass Through** the valley of the **Decrease** through the next **D** bead from Round 6 adding no beads in between.

Repeat for the next 5 petals and **Step Up** through the first **D** bead added in Round 6.

Round 8 Decrease + Hex Fill

4 beads added to
each petal,
24 for the round



8 DECREASE, HEX FILL: E {E,E} E P/T D x 6

Place **1E** in the **Decrease Line**, and then place **E Fill Beads** on either side of the **E Point Bead** from Round 7. Place another **E** bead in the next **Decrease Line**, stitching down through the second **D Decrease Bead** placed in Round 6. **Pass Through** the valley of the **Decrease** through the next **D** bead from Round 6.

Repeat for the next 5 petals and **Step Up** through the first **E** bead added in this round.

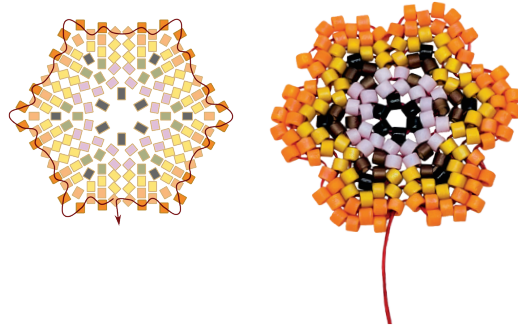
Hexagon Increase, Slow Herringbone Decrease



9 HEX INCREASE: E {[EE]} E P/T E x 6

Peyote 1E, and then place [EE] **Increase Beads** between **Fill Beads** from Round 8. Peyote one more E bead and **Pass Through** the valley of the **Decrease** through the next E **Decrease Bead** from Round 8.

Repeat for the next 5 petals and **Step Up** through the first E bead added in Round 8 only.



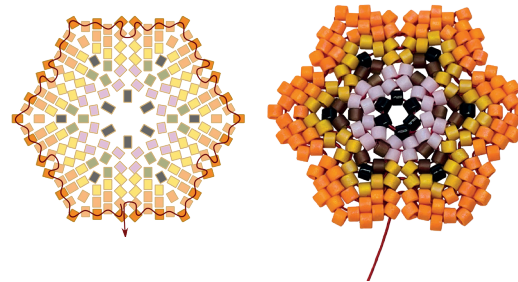
Round 9
Hex Increase

4 beads added to each petal,
24 for the round

10 DECREASE, HEX POINT: E E {E} E E P/T E x 6

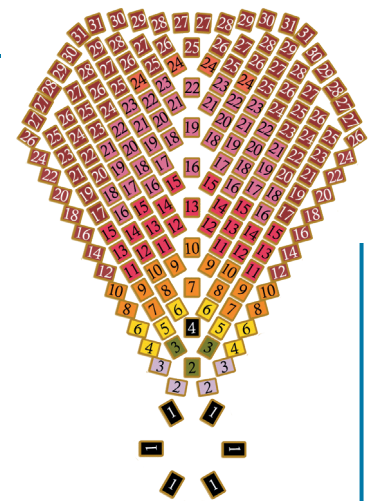
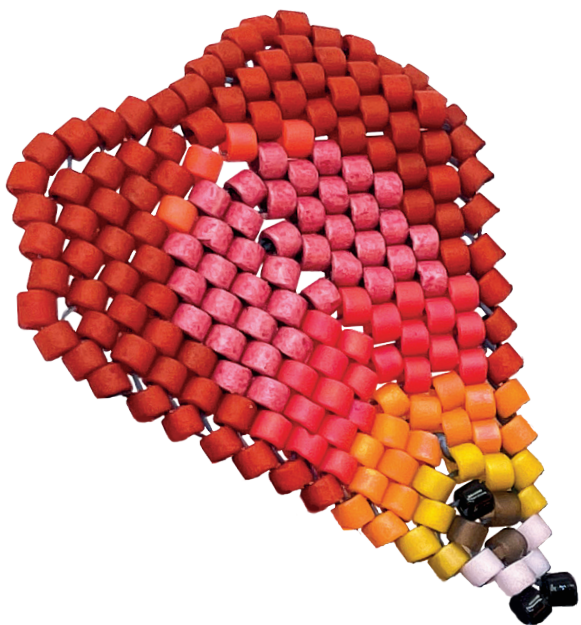
Place 1E in the **Decrease Line**. Peyote 1E, and **Split** the **Increase Beads** from Round 9 with an **E Point Bead**. Peyote another 1E and then place another E bead in the next **Decrease Line**. **Pass Through** the valley of the **Decrease** through the next E **Decrease Bead** placed in Round 8.

Repeat for each of the next five petals, and then **Step Up** through the first E bead added in this round.



Round 10
Decrease + Hex Point

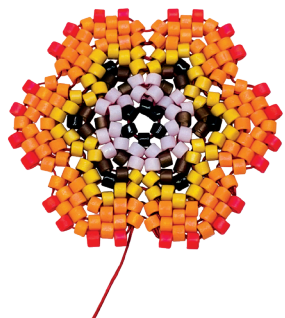
5 beads added to each petal,
30 for the round



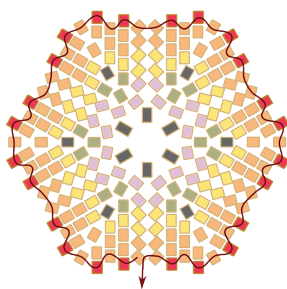
Use this petal diagram as a guide for counting rounds

Learn more about counting rounds of the Reverse Starflower on pages xx.

The Red Rainbow Reverse Starflower: Step - by - Step



Round 11
Hex Fill

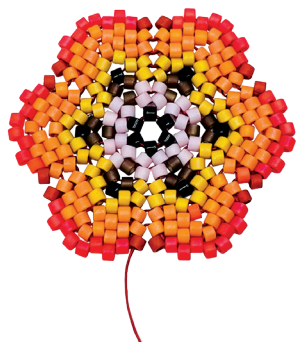


4 beads added to
each petal,
24 for the round

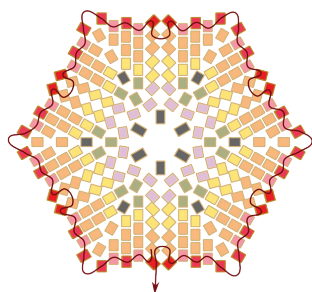
11 HEX FILL: F {F,F} F P/T E x 6

Peyote 1F, and then place **F Fill Beads** on either side of the **E Point Bead** from **Round 10**. Peyote one more **F Bead**, stitching down through the second **E Decrease Bead** from **Round 10**. **Pass Through** the valley of the **Decrease** through the next **E Decrease Bead** placed in **Round 10**.

Repeat for the next 5 petals and **Step Up**, passing through the first **E Decrease Bead** from **Round 10** only.



Round 12
Decrease +
Hex Increase



6 beads added to
each petal,
36 for the round

12 DECREASE, HEX INCREASE:

H F {[FF]} F H P/T E x 6

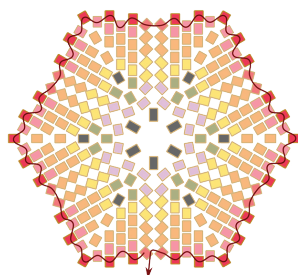
Place **1H** in the **Decrease Line** and then peyote **1F**. Place **[FF] Increase Beads** in the Hexagon Progression. Peyote one more **F** bead, and place **1H** in the next **Decrease Line**. **Pass Through** the next **E Decrease Bead** from **Round 10**.

Repeat for the next 5 petals and **Step Up** through the first **H** bead added in this round.

You may notice that the flower will naturally begin to cup near this round. This will be subtle at first, but the form is no longer expected to lay flat at this point.



Round 13
Hex Point

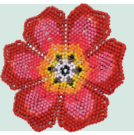


5 beads added to
each petal
30 for the round

13 HEX POINT: 2F {F} 2F P/T H x 6

Peyote **2F**, and then **Split** the **[FF] Increase** from **Round 12** with a single **F Point Bead**. Peyote **2F** again, and **Pass Through** the next **H Decrease Bead** placed in **Round 12**.

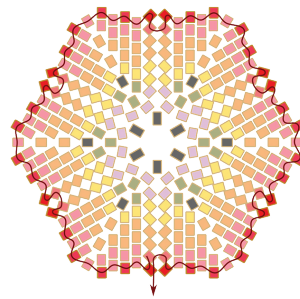
Repeat for the next 5 petals and **Step Up** through the first **H** bead added in **Round 12**.



14 DECREASE, HEX FILL: H F {F,F} F H P/T H x 6

Place 1H in the **Decrease Line** and peyote 1F. Place **F Fill Beads** around the **Point Bead** from **Round 13** in the Hexagon Progression, and peyote one more F bead. Place another H bead in the next **Decrease Line**, and **Pass Through** the next H **Decrease Bead** placed in **Round 12**.

Repeat for the next 5 petals and **Step Up** through the first H bead added in this round.



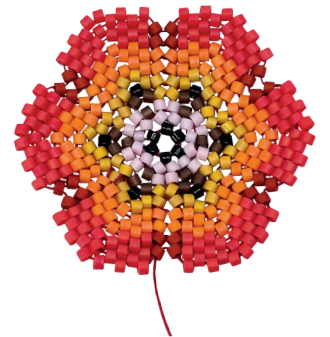
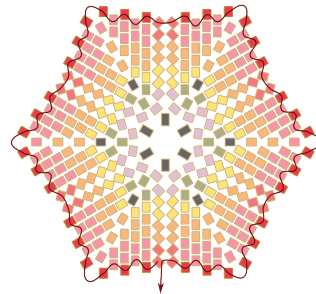
Round 14
Decrease + Hex Fill

6 beads added to
each petal,
36 for the round

15 HEX INCREASE: 2F {[FF]} 2F P/T H x 6

Peyote 2F, and then place **[FF] Increase Beads** in the Hexagon Progression. Peyote 2F again and **Pass Through** the next H **Decrease Bead** from **Round 14**.

Repeat for the next 5 petals and **Step Up** through the first H bead added in **Round 14**.



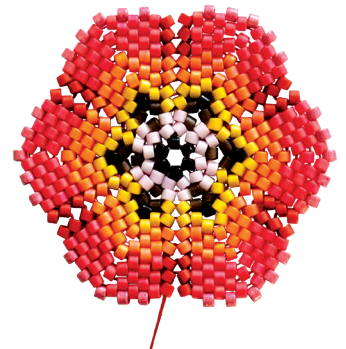
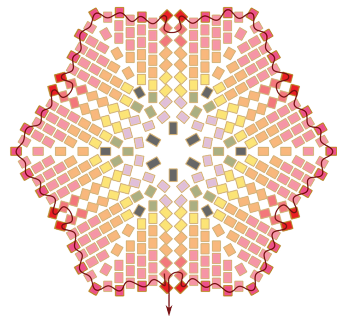
Round 15
Hex Increase

6 beads added to
each petal,
36 for the round

16 DECREASE, HEX POINT: H 2G {G} 2G H P/T H x 6

Place 1H in the **Decrease Line** and peyote 2G. **Split** the **Increase** from **Round 15** with a **G Point Bead**. Peyote another 2G and then place another H in the next **Decrease Line**. **Pass Through** the next H **Decrease Bead** placed in **Round 14**.

Repeat for each petal and **Step Up** through the first H bead added in this round.



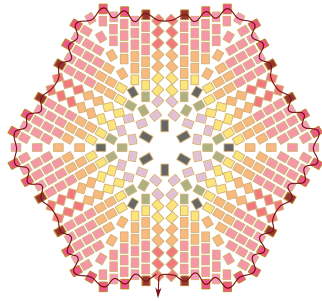
Round 16
*Decrease + Hex
Point*

7 beads added to
each petal,
42 for the round

The Red Rainbow Reverse Starflower: Step - by - Step



Round 17
Hex Fill Beads

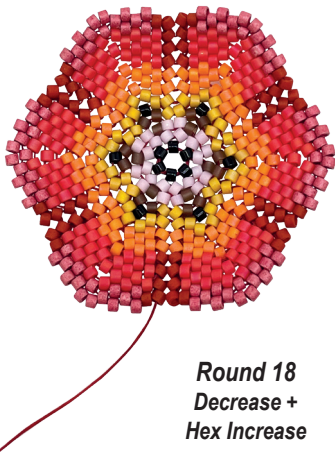


6 beads added to
each petal,
36 for the round

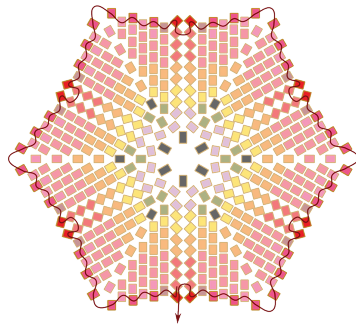
17 HEX FILL: H,G {G,G} G,H P/T H x 6

Peyote H,G and then place **G Fill Beads** in the Hexagon Progression. Peyote G,H and **Pass Through** the next H **Decrease Bead** from Round 16.

Repeat for each petal and **Step Up** through the first H bead added in Round 16.



Round 18
Decrease +
Hex Increase



8 beads added to
each petal,
48 for the round

18 DECREASE, HEX INCREASE:

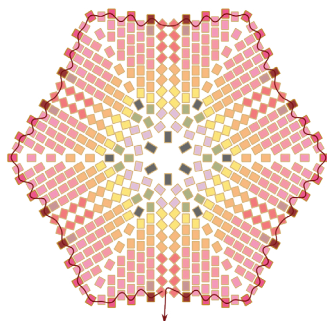
H 2G {[GG]} 2G H P/T H x 6

Place 1H in the **Decrease Line**, then peyote 2G. Place **[GG] Increase Beads** in the Hexagon Progression. Peyote 2G again and place 1H in the next **Decrease Line**. **Pass Through** the next H **Decrease Bead** from Round 16.

Repeat for each petal and **Step Up** through the first H bead added in this round.



Round 19
Hex Point



7 beads added to
each petal
42 for the round

19 HEX POINT: H,2G {G} 2G,H P/T H x 6

Peyote H,2G, and then **Split** the **Increase** from Round 18 with a **G Point Bead**. Peyote 2G,H and **Pass Through** the next H **Decrease Bead** from Round 18.

Repeat for each petal and **Step Up** through the first H bead added in Round 18.

Hexagon Increase, Slow Herringbone Decrease

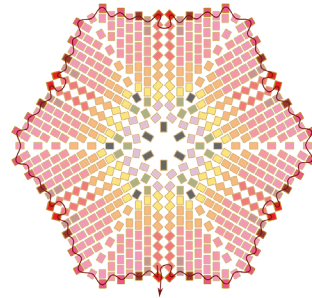


20 DECREASE, HEX FILL:

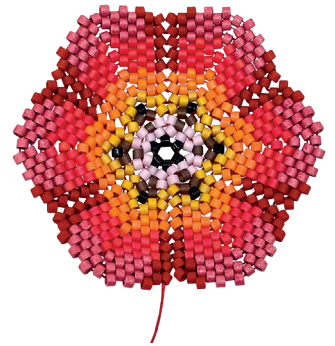
H H,G {G,G} G,H H P/T H x 6

Place 1H in the **Decrease Line** and peyote H,G. Place **G Fill Beads** on either side of the **Point Bead** from **Round 19** and peyote G,H. Place another H bead in the next **Decrease Line**, and **Pass Through** the next H **Decrease Bead** from **Round 18**.

Repeat for each petal and **Step Up** through the first H bead added in this round.



Round 20
Decrease + Hex Fill

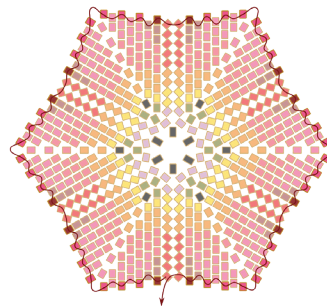


8 beads added to each petal, 48 for the round

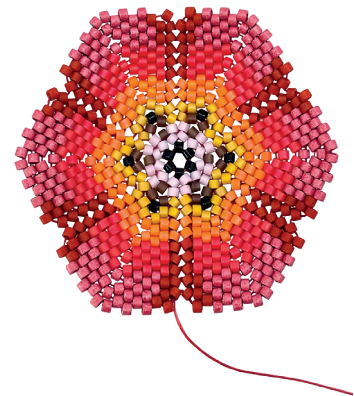
21 HEX INCREASE: H,2G {[GG]} 2G,H P/T H x 6

Peyote H,2G and place a [GG] **Increase** in the Hexagon Progression. Peyote 2G,H and **Pass Through** the next H **Decrease Bead** from **Round 20** to move on to the next petal.

Repeat for each petal and **Step Up** through the first H bead added in **Round 20**.



Round 21
Hex increase



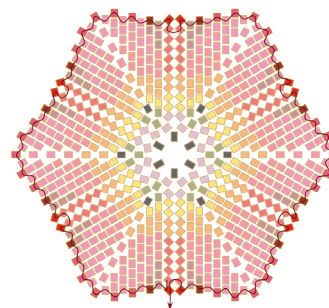
8 beads added to each petal, 48 for the round

22 DECREASE, HEX POINT:

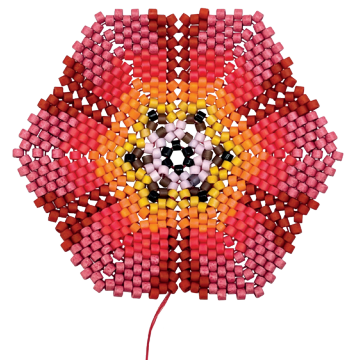
H H,2G {G} 2G,H H P/T H x 6

Place 1H in the **Decrease Line** and peyote H,2G. **Split** the **Increase** from **Round 21** with a **G Point Bead**. Peyote 2G,H and then place another H in the next **Decrease Line**. **Pass Through** the next H **Decrease Bead** from **Round 20**.

Repeat for each petal and **Step Up** through the first H bead added in this round.

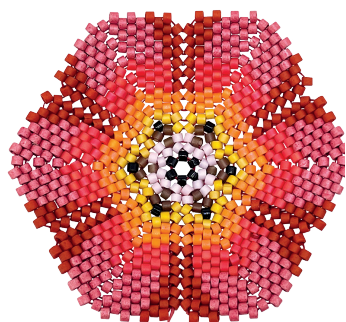


Round 22
Decrease + Hex Point

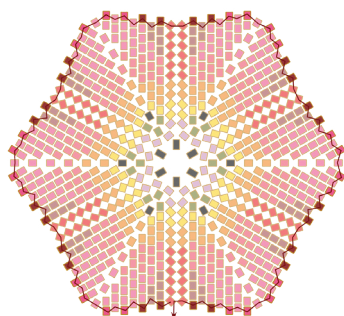


9 beads added to each petal, 54 for the round

The Red Rainbow Reverse Starflower: Step - by - Step



Round 23
Hex Fill Beads

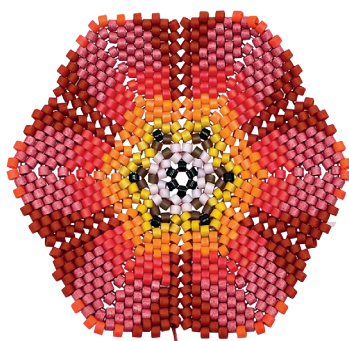


8 beads added to
each petal,
48 for the round

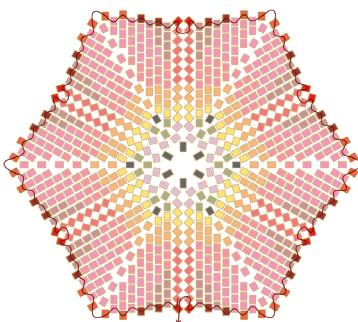
23 HEX FILL: 2H,G {G,G} G,2H P/T H x 6

Peyote 2H,G and then place **G Fill Beads** in the Hexagon Progression. Peyote G,2H and **Pass Through** the next H **Decrease Bead** from Round 22.

Repeat for each petal and **Step Up** through the first H bead added in Round 22.



Round 24
Decrease +
Hex Increase

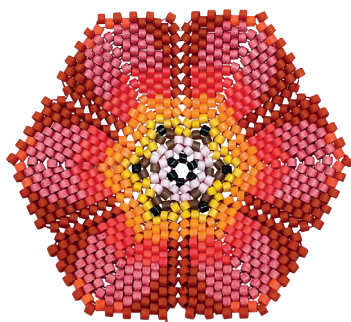


10 beads added to
each petal,
60 for the round

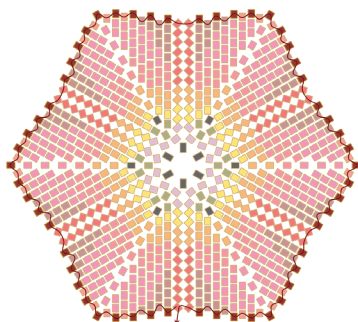
24 DECREASE, HEX INCREASE: H 2H,J {[JJ]} J,2H H P/T H x 6

Place 1H in the **Decrease Line**, then peyote 2H,J. Place a **[JJ] Increase** in the Hexagon Progression. Peyote J,2H and place 1H in the next **Decrease Line**. **Pass Through** the next H **Decrease Bead** from Round 22.

Repeat for each petal and **Step Up** through the first H bead added in this round.



Round 25
Hex Point



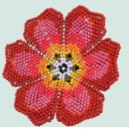
9 beads added to
each petal
54 for the round

25 HEX POINT: 4H {H} 4H P/T H x 6

Peyote 4H and then **Split** the **Increase** from Round 24 with an H **Point Bead**. Peyote 4H again and **Pass Through** the next H **Decrease Bead** from Round 24.

Repeat for each petal and **Step Up** through the first H bead added in Round 24.

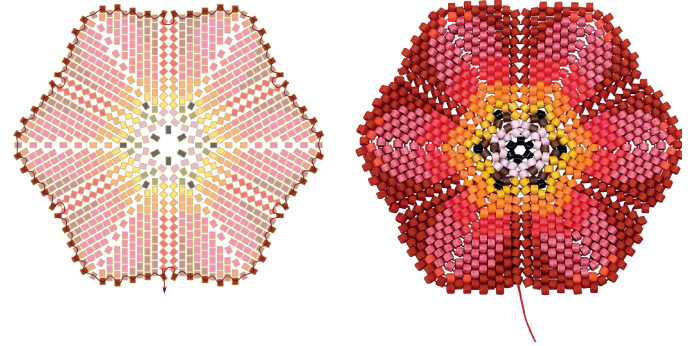
Hexagon Increase, Slow Herringbone Decrease



26 DECREASE, HEX FILL: H 3H {H,H} 3H H P/T H x 6

Place **1H** in the **Decrease Line** and peyote **3H**. Place **H Fill Beads** around the **Point Bead** from **Round 25** and peyote another **3H**. Place another **H** bead in the next **Decrease Line**, and **Pass Through** the next **H Decrease Bead** from **Round 24**.

Repeat for each petal and **Step Up** through the first **H** bead added in this round.



Round 26
Decrease + Hex Fill

10 beads added to
each petal,
60 for the round

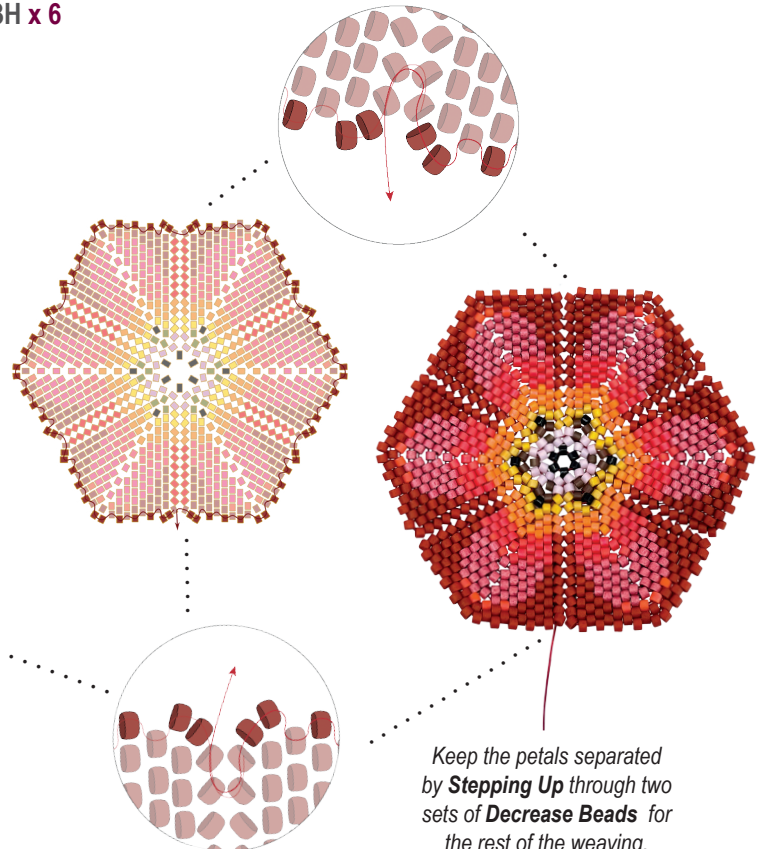
27 FINISHING ROUND: [HH] 3H {[HH]} 3H [HH] P/T 3H x 6

Using a soft tension, begin shaping each petal with the first **Finishing Round**: Emerging from the top of the **Decrease Line**, pick up two **H Finishing Beads** at once and stitch into the next **H** peyote bead from **Round 26**. Peyote **3H** and place the final **[HH] Increase** at the top of the Hexagon Progression. Peyote another **3H**, and then once again pick up two **H Finishing Beads** and **Pass Through Decrease Beads** from both **Round 26** and **Round 24**, and then back up the other side of the **Decrease** valley through **Decrease Beads** from **Round 24** and then **Round 26**.

From this round onward, make sure to **travel through the valley of the Decrease Line by Passing Through two sets of H Decrease Beads, one from Round 26 and one from Round 24, on either side**. We will continue to **Pass Through** these beads (and others) multiple times. **It is now very important to use a needle size 12 or smaller to avoid bead breakage.**

Repeat for each petal and **Step Up** through the **H Decrease Beads** added in **Round 24** and **26**.

Continue to keep soft tension for the rest of the **Finishing Rounds (28-31)** to minimize curling at the tip of each petal.

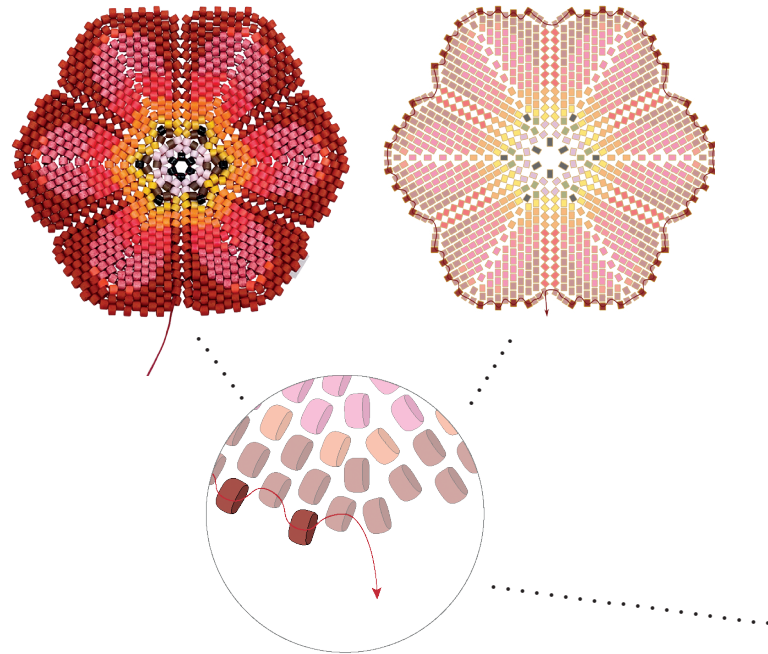


Round 27
Finishing +
Hex Increase

Keep the petals separated
by **Stepping Up** through two
sets of **Decrease Beads** for
the rest of the weaving.

12 beads added to
each petal,
72 for the round

The Red Rainbow Reverse Starflower: Step - by - Step



Round 28
Finishing

8 beads added to
each petal,
48 for the round

28 FINISHING ROUND:

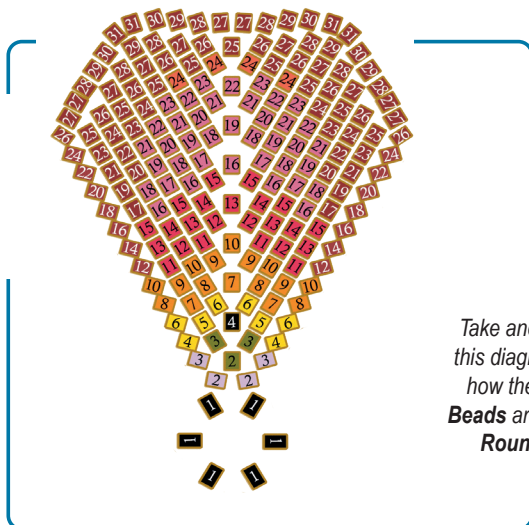
P/T 2H 4H {P/T H} 4H P/T 5H x 6

Continue shaping the petals: **Pass Through** the 2H placed at the beginning of Round 27 without adding any beads. Peyote 4H and then **Pass Through 1H*** to come out on the other side of the Hexagon Progression. Peyote another 4H, and **Pass Through** the second set of H Finishing Beads from Round 27, as well as the **Decrease Beads** from Rounds 24 and 26.

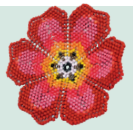
Move to the next petal by **Passing Through** the next H **Decrease Beads** from Rounds 26 and 24.

Repeat for each petal and **Step Up** through the H **Decrease Beads** added in Round 24 and 26.

The P/T notation is written, like the rest of this chart, in the language of peyote stitch. Notice that the number of beads marked to be **Passed Through will be counted **after** the bead that is passed through in order to place the preceding peyote stitch.*



Take another look at this diagram to notice how the **Finishing Beads** are placed over **Rounds 27-31**.

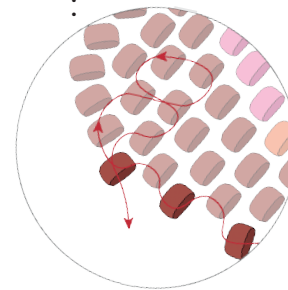
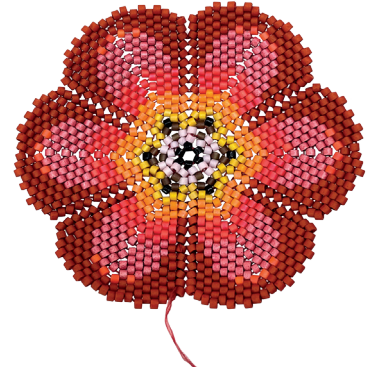
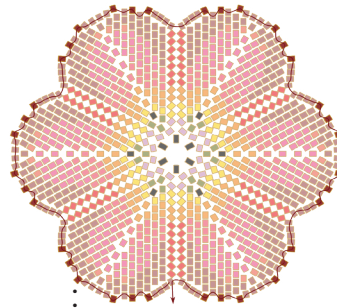


29 FINISHING ROUND:

P/T 3H 3H P/T 3H 3H P/T 6H x 6

Pass Through 3H (Finishing Beads from Round 27 and the first H peyote bead from Round 28). Peyote 3H and **Pass Through** the next 3H at the tip of the petal (Round 27 Increase, Round 28 peyote). Peyote another 3H and **Pass Through** the last 4H of the petal's edge into the **Decrease Line**. **Pass Through** the H Decrease Beads from Rounds 24 and 26 to move to the next petal.

Repeat for each petal and **Step Up** through the H Decrease Beads added in Round 24 and 26.



Are the beads too crowded?

Instead, continue placing finishing beads petal-by-petal, performing a Turnaround after each Finishing Round.

Round 29
Finishing

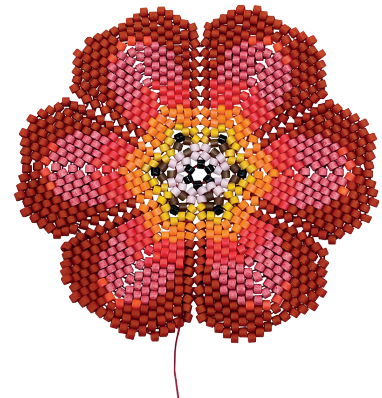
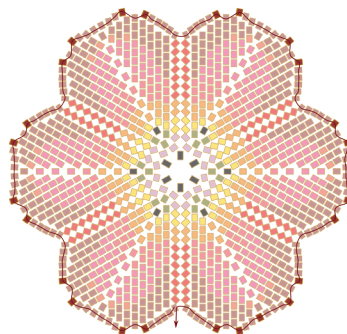
6 beads added to
each petal,
36 for the round

30 FINISHING ROUND:

P/T 4H 2H P/T 5H 2H P/T 7H x 6

Pass Through 4H. Peyote 2H and **Pass Through** the next 5H at the center of the petal. Peyote another 2H and **Pass Through** the next 3H into the **Decrease Line**. Again, **Pass Through** the pairs of H Decrease Beads from Rounds 26 and 24 to move to the next petal.

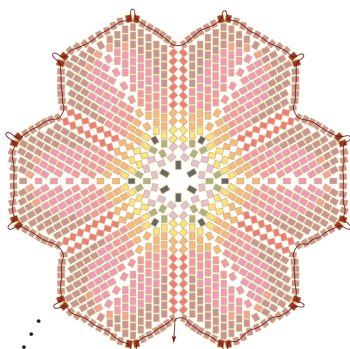
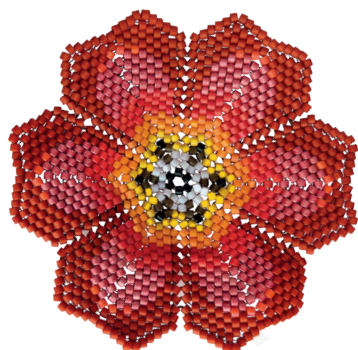
Repeat for each petal and **Step Up** through the H Decrease Beads added in Round 24 and 26.



Round 30
Finishing

4 beads added to
each petal,
24 for the round

The Red Rainbow Reverse Starflower: Step - by - Step



Round 31
Finishing

4 beads added to
each petal,
24 for the round

*Note that flowers woven with tighter tension may use just one **H Finishing Bead** in this placement if two beads crowd the available space.*



31 FINISHING ROUND: P/T 5H [HH] P/T 7H [HH] P/T 8H x 6

To complete the flower, **Pass Through 5H** and pick up two **H Finishing Beads** at once. In one peyote stitch, place both beads in the remaining space and **Pass Through** the next **7H** along the top of the petal's edge. Pick up another **2H Finishing Beads** and place them together in one peyote stitch before **Passing Through** the next **6H** into the **Decrease Line**. Again, **Pass Through** the **H Decrease Beads** from **Rounds 26 and 24** to move to the next petal.

Repeat for each petal and **Step Up** through the **H Decrease Beads** added in **Round 24 and 26**. Tuck in and secure any remaining thread tails.



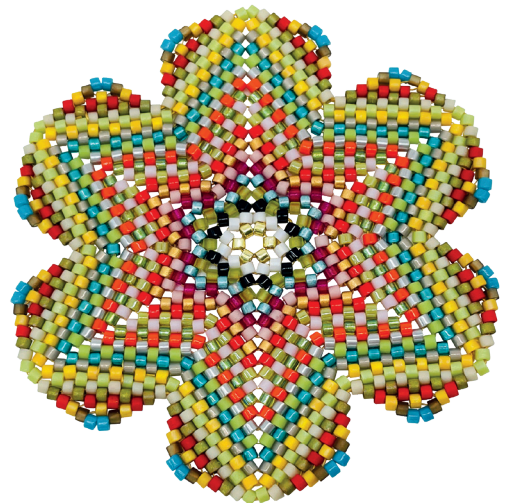
For study purposes, Karen Beningfield created a **Flat Star**, a **Starflower** and even a little segment of a **Reverse Starflower Spiral** in the same colourway.

Making each round of work in a separate colour can often help us to better understand the architecture of our forms.

Any flat pattern like this can be grown as a **Spiral** by “unrolling it,” or repeating the progressions of the pattern again and again along a **Casting Spine**.



Flat Star



Starflower



Reverse Starflower Spiral

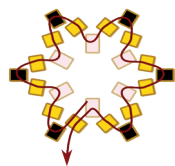
Reverse Starflower: Technical Annex

Starting Techniques : Quickstart vs Long Start

In our **Reverse Starflower** patterns, **Rounds 2 and 3** are something like a **Quickstart** technique, because they combine four separate rounds of beading into two. This not only speeds up the weaving, but also eases the placement of the tricky **Decrease Beads** in following rounds.

However, understanding the full, stepped-out **Long Start** can be useful for both conceptual and technical purposes. Below shows **Quickstart Rounds 2 and 3** as expanded into four separate rounds. Try out this longer method to more thoroughly understand the beaded structure, or to lay beads with extra precision.

Quickstart Round 2



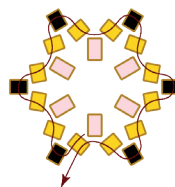
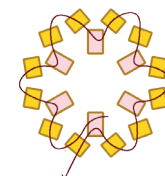
[BCB] x 6

2. HEX INCREASE: [BB] x 6

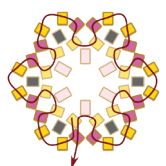
Place a two-bead **Increase [BB]** between each starting bead, **Step Up** through the first B.

3. HEX POINT: C x 6

Split each increase with a single **C Point Bead**, passing through **B** beads to begin the **Decrease Line**. **Step Up** through B from Round 2.



Quickstart Round 3



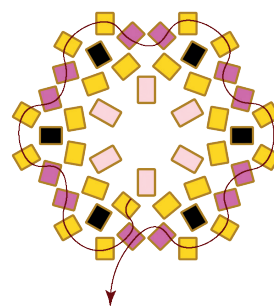
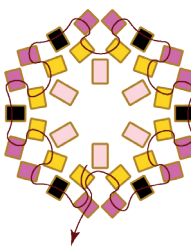
[DBBD] x 6

4. DECREASE / HEX FILL: D,D x 6

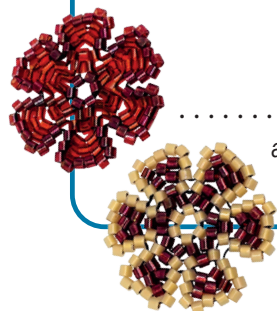
Place **1D** between each **B** bead from Round 2 and the **C Point Beads** from Round 3. Pass through to the next petal. **Step Up** through the first D.

5. HEX INCREASE: [BB] x 6

Place a two-bead **Increase [BB]** between each **D** bead from Round 4, pass through to the next petal. **Step Up** through the first D from Round 4.

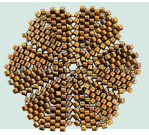


Interestingly, beads added here act as both **Decrease** and **Hex Fill Beads**.



..... *Tiny, jewelry-scale **Reverse Starflowers** are one of the use cases for the Long Start*

Starts & Rounds



Counting Rounds

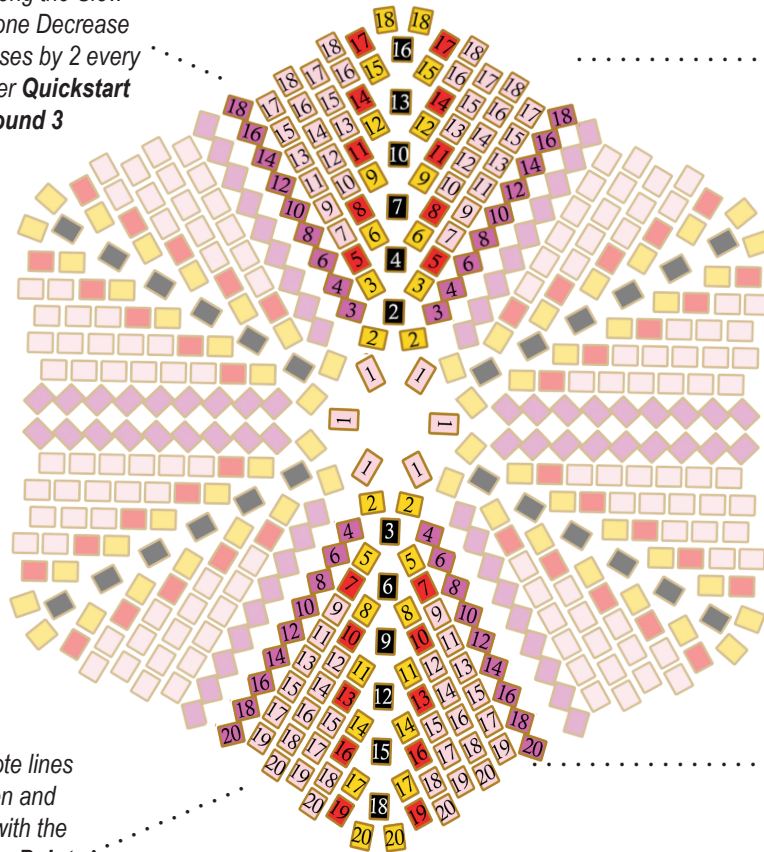
Since rounds of the **Reverse Starflower** cannot be counted in the traditional way, we have collected some information that can help keep track. Note the differences and similarities between the **Quickstart** and **Long Start** petals.

Round number for the beads along the Slow Herringbone Decrease line increases by 2 every round after **Quickstart Round 3**

The round number of **Hex Point Beads** increase by 3 after **Quickstart Rounds 2 & 3**

Quickstart Petal

The **Quickstart** petal has the same number of beads, but two fewer rounds.



Notice how regular peyote lines alternate between even and odd numbers, starting with the round number of the **Hex Point Bead** they radiate out from

Expanded Start Petal

Multiply **Hex Point Beads** by 3 or **Decrease Beads** by 2 to help count rounds

Remember that round count will change depending on start technique. Flowers made with the **Quickstart** method will have the same amount of beads, but two fewer rounds.