

# GALAXY SERIES

*7*ashion quadrilateral squares with open centers and fill your galaxy with star polygons.



*Included in this lesson is the impressive enneagram (a nine-sided star) in two sizes and styles. The Basic Lesson makes a 32x38mm, and the Bonus Lesson offers a larger 52x68mm. Also included is a 30x32mm pentagram (5 point), and a 30x35mm heptagram (7-point) star. The larger star centers are embellished with Swarovski™ round Rivoli's, and the smaller with flat backs. All centers are captured in netted bicone crystal baskets.*

STARBURST ©2007

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## PROJECT OVERVIEW:

# Starburst

 Explore quadrilateral squares with open centers.

Use your peyote skills to make one (1) quadrilateral square per star point.

This project makes a enneagram which consists of nine (9) sides. Along the way discover the pentagram (5), hexagram (6), heptagram (7) and octagram (8) star polygons.

Overview instructions for a larger, side embellished 9-point star, and crowns for a 5-point, and a 7-point star are also included.

Square interior and exterior quadrilateral edges are joined to make the mitered star points.

The front and back openings are embellished by capturing a Swarovski™ 12mm round Rivoli in a netted basket.

Gather Starburst's for personal adornment, ornamentation, holiday, or home decor.

May "Starburst" inspire and delight you.

- EVA MARIA KEISER



**Basic Lesson:  
9-sided star**

Techniques:  
Peyote, Netting

Pre-Requisites:  
Working knowledge of Peyote

## Materials

◇ 5 grams 15/0 round seed bead

◇ 7 grams #1 bugle bead

◇ 7 grams 11/0 cylinder bead

◇ DB-0726

◇ 7 grams 11/0 cylinder bead

◇ DB-0658

◇ Braided wire - Fireline® 6#

## Color:

◇ Silver

◇ Alabaster Opaque Luster

◇ Opaque Dark Blue

◇ Opaque Turquoise Green

◇ Crystal

## Legend:

**A**

**B**

**C**

**D**

## Crown Embellishment Materials:

Starburst Basic Lesson - 9 Star Points

◇ 2 each 12mm Swarovski™ Rivoli Round

◇ 18 each 3mm Swarovski™ Bicone

Bonus Lesson 7 Star Points (see page 6)

◇ 2 each 7.2mm Swarovski™ Flat back

◇ 14 each 3mm Swarovski™ Bicone

Bonus Lesson - 5 Star Points (see page 6)

◇ 2 each 4.8mm Swarovski™ Flat back

◇ 10 each 3mm Swarovski™ Bicone

Bonus Lesson - 9 Star Points (see page 9)

◇ Same as Basic Lesson - plus

◇ 36 each 4mm Swarovski™ (Sides)

## Tools

◇ Size 10 and 12 beading needles

◇ Scissors or Thread Burner


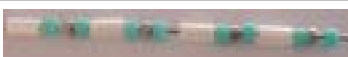
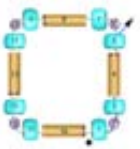




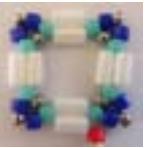
◇ Chain-nose pliers (optional for pulling thread.)

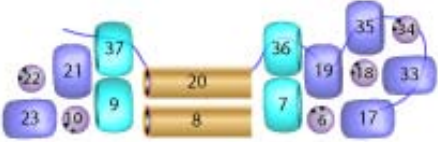

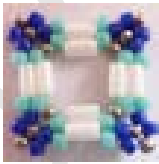

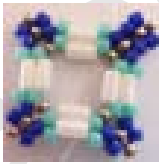
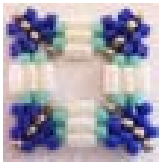

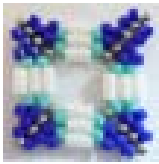

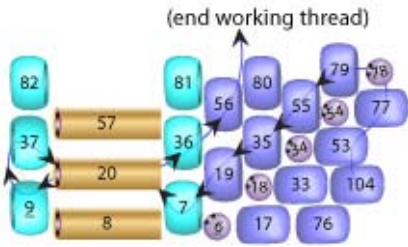
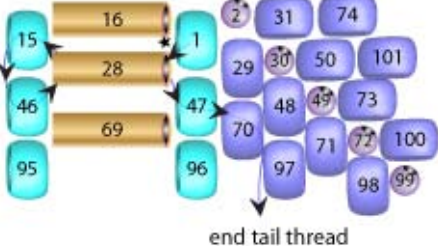

## Terms

◇ PT - Pass Thru

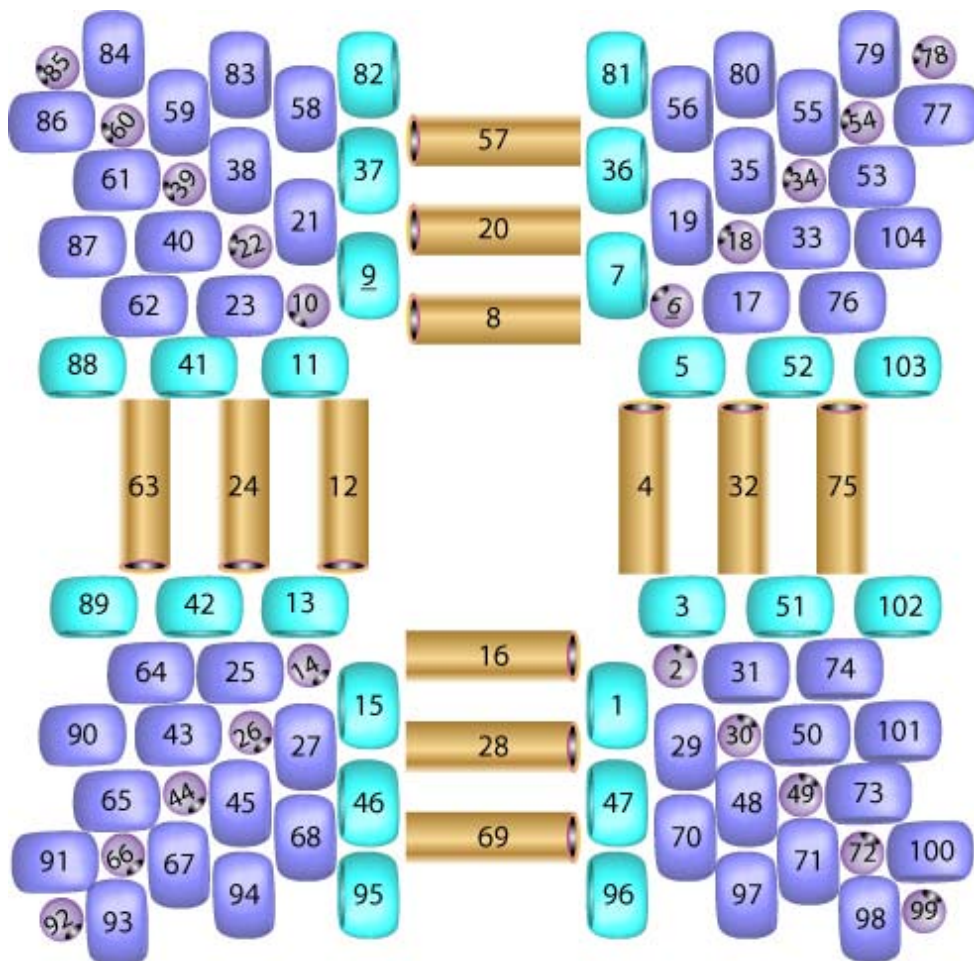
◇ DEC - Decrease

1. Bead-by-bead instructions complete one (1) quadrilateral square.
2. The basic lesson 9-point star size is 32x38mm.
3. Due to the many thread passes, refrain from conditioning, knotting, or adhesives.

<b>QUADRILATERAL SQUARE - WITH OPEN CENTER AND BUGLE BEADS:</b>		(C) = Opaque Dark Blue	(D)=Opaque Turquoise Green
<p>Follow each numbered step or work from the figure on page 6. Crown instructions for the five (5) and seven (7) point stars are on page 6. The Bonus Starburst nine (9) sided-star embellished overview instruction is on page 9.</p>		<b>TENSION: MODERATE</b>	
<p>◇ Put a "stop bead" on 24 inches (61cm) of thread. ◇ Leave a 6 inch (15.2cm) tail.</p>		<b>MAKE 9 (NINE) SQUARES</b>	
<b>1</b>	<ul style="list-style-type: none"> <li>String 4 sets:</li> <li><b>1D, 1A, 1D, 1B</b></li> <li><b>PT</b> the first (D) again.</li> </ul>		
			
<b>2</b>	<ul style="list-style-type: none"> <li>Continue to the next corner.</li> <li><b>EXIT</b> corner (#5-D).</li> <li>Use a "stop bead" to adjust tension.</li> </ul>		
		<p><b>DESIGNER TIP:</b> Start with a size 10 needle to "cull" the 15/0 (A) beads. When the larger size 10 needle passes easily through the 15/0 (A) beads, additional passes in the "Join" and "Crown Net" steps using a size 12 needle are accommodated.</p> <p><b>DESIGNER TIP:</b> Use longer bugle bead sizes to expand the length of the square sides.</p>	
<b>CORNER INCREASE:</b>			
<b>3</b>	<ul style="list-style-type: none"> <li>[1C, 1A, 1C]; skip the (A)</li> <li><b>PT</b> next (#7-D).</li> </ul>		
		<p><b>NOTE:</b> The 15/0 (A) is a spacer bead. It camouflages the thread between the cylinder corners, supports the bead strength, and sets the tension. The (A) also supports embellishment. The (A) floats if tension too loose, and buckles when the tension is too tight.</p>	
<b>SIDE INCREASE:</b>			
<b>4</b>	<ul style="list-style-type: none"> <li>[1B]; <b>PT</b> (#9-D).</li> <li>Increase tension with "stop bead".</li> <li>"Step-up" thru (D#5) and (C#17).</li> </ul>		<p><b>NOTE:</b> Make bead and tension adjustments with thread exiting cylinders. Pulling or increasing the tension on either side of a (B) bugle bead, may cause either the thread to be cut by the bugle bead, or the bugle bead being broken by the thread.</p>
			

<b>OPEN CENTER QUADRILATERAL SQUARE - WITH BUGLES (CONTINUED):</b>		(C) = Opaque Dark Blue	(D)=Opaque Turquoise Green	
<b>5</b>	<ul style="list-style-type: none"> <li>[1C, 1A, 1C]; skip (A) <b>PT</b> (C).</li> <li>[1D]; <b>PT</b> (B).</li> <li>[1D]; <b>PT</b> (C), complete the round.</li> <li>“Step up” (C#17) and (C#33).</li> </ul>		 	
<b>6</b>	<ul style="list-style-type: none"> <li>[1C, 1A, 1C]; skip (A), <b>PT</b> (C).</li> <li>[1C]; <b>PT</b> (D).</li> <li>[1B]; <b>PT</b> (D).</li> <li>[1C]; <b>PT</b> (C), complete the round.</li> <li>“Step up” (C#33) and (C#53).</li> </ul>		 	
<b>7</b>	<ul style="list-style-type: none"> <li>[1C, 1A, 1C]; skip (A) <b>PT</b> (C).</li> <li>[1C]; <b>PT</b> (C).</li> <li>[1D]; <b>PT</b> (B).</li> <li>[1D]; <b>PT</b> (C).</li> <li>[1C]; <b>PT</b> (C), complete the round.</li> <li>“Step up” (C#53) and (C#77).</li> </ul>		 	
<b>END CORNER INCREASE AND WORKING THREAD:</b>				
<b>8</b>	<ul style="list-style-type: none"> <li>Thread exists (C#77).</li> <li><b>PT</b> (A#78) and (C#79).</li> <li><b>PT</b> four (4) cylinders and <b>PT</b> center (B#20).</li> <li><b>PT</b> next “up” (D#37).</li> <li>Circle adjacent (D#9) and <b>PT</b> center (B#20).</li> <li><b>PT</b> (D#36) and (C#56). Increase tension.</li> <li>Trim the working thread.</li> </ul>	 <p style="text-align: center;">(end working thread)</p>	<p><b>NOTE:</b></p> <p><i>If using a size 10 needle, change to a size 12 needle to weave in end threads</i></p> <p><b>NOTE:</b></p> <p><i>Avoid passing thru the interior bugle bead, as it is the interior join connector.</i></p>	
<b>END TAIL THREAD:</b>				
<b>9</b>	<ul style="list-style-type: none"> <li>Remove the “stop bead”</li> <li>Thread exits (D#1).</li> <li><b>PT</b> center (B#28) and the next “up” (D#15).</li> <li>Circle adjacent (D#46) and <b>PT</b> center (B#28).</li> <li><b>PT</b> (D#47) and (C#70).</li> <li>Increase tension.</li> <li>Trim the tail thread.</li> </ul>	 <p style="text-align: center;">end tail thread</p>	<p><b>NOTE:</b></p> <p><i>One square equals:</i></p> <ul style="list-style-type: none"> <li>◇ Six (6) - Peyote rows.</li> <li>◇ Six (6) - “Up” beads.</li> <li>◇ Five (5) - (A) rows.</li> </ul>	

**QUADRILATERAL SQUARE - WITH BUGLES:**



**NOTE:**

*One square equals:*

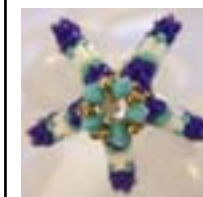
- ◇ Six (6) - Peyote rows.
- ◇ Six (6) - "Up" beads.
- ◇ Five (5) - (A) rows.



**Bonus Lesson - 5 and 7 Star Points Crowns**

*Five point star - Crown:*

- ◇ **Step 13 and 14.**
- [3mm] between each (5A) center.
- Insert a 4.8mm Swarovski™ Flat back.
- ◇ **See Step 17.**



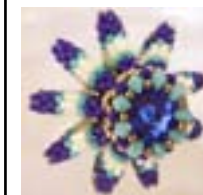
*Seven point star - Crown:*

- ◇ **Step 13.**
- [3A] between each (D).
- [5A] between each (3A) center bead.
- [3mm] between each (5A) center bead.
- Insert a 7.2mm Swarovski™ Flat back.
- Gently increase tension.
- Circle twice, weave in and trim threads.



*Nine point star - Crown:*

- ◇ **(See Steps 13-17).**



**NOTE:**

*When the thread is on the wrong side of the (D, A, D) interior corner, use a half-hitch knot between the (B) bugle bead join threads. Otherwise, needle into position or start a new thread. Then proceed in the direction of the next (B) join.*



**INTERIOR JOINS:**

1. Switch to a #12 beading needle.
2. Squares are best joined by "zipping-up" the interior (B) bugle beads first
3. Then the exterior sides are joined by first adding a "zip-to" row, and then "zipping-up" the openings.
4. Work square interiors by gently pinching the bugles together as you join the interior sides.
5. Slowly and gently increase the tension as you circle the thread around the bugles.

**FIG. 11-A**

- String a "stop bead" on 36 inches (61cm).
- Leave a 6 inch (91.5cm) tail thread.
- Place two (2) squares side-by-side.
- Needle exits the interior (D).



**FIG. 11-B**

- **PT** interior (B) bugle bead.
- **PT** the adjacent interior (B)
- Gently increase tension.
- Circle interior (B's) twice.



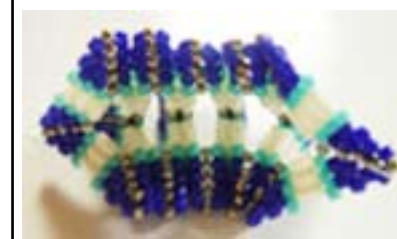
**FIG. 11-C AND D**

- **PT** (D, A, D) and next (B) bugle bead.
- **PT** the adjacent interior (B).
- Gently increase tension.
- Circle interior (B's) twice.

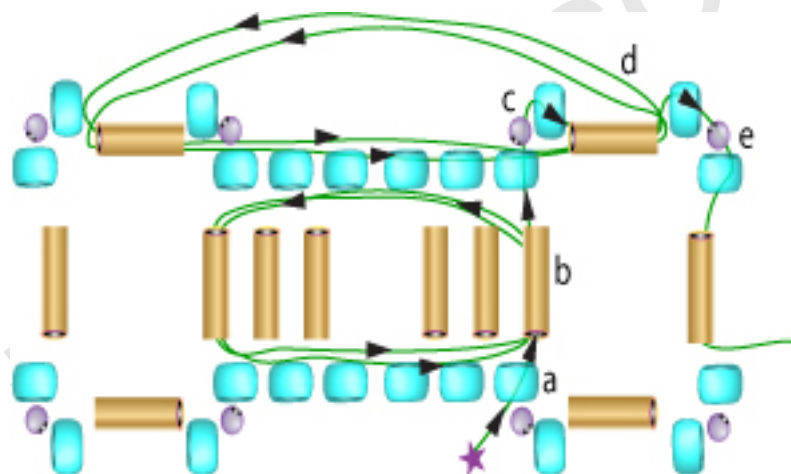


**FIG. 11-E**

- **PT** next (D, A, D)
- **PT** the next (B) bugle bead.
- Continue to join all interiors.
- Refer to thread options (page 6).



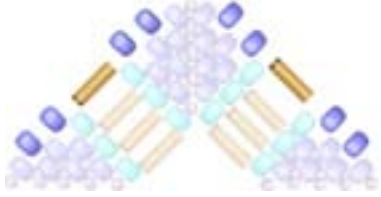
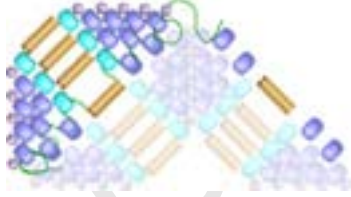







11









**DESIGNER TIP:**  
*Prior to the final join, insert a 16 or 18mm round bead or crystal for extra designer touch. The inserted crystal adds weight and the opening of the crystal supports hanging the star.*

*Consider the many display options and if applicable secure the finding from the inside.*



<b>EXTERIOR JOINS:</b>		<ul style="list-style-type: none"> <li>♦ Use a "stop bead" on 36 inches (91.5cm)</li> <li>♦ Leave a 6 inch (15.2cm) tail thread.</li> </ul>			
12	<ul style="list-style-type: none"> <li>• Needle exits a (D) in the crown opening.</li> <li>• <b>PT</b> (A) and next (D).</li> <li>• Stitch a "zip-to" row up one square exterior side.</li> <li>• <b>PT</b> thru the next (A) and next (D).</li> <li>• Stitch a "zip-to" row down to other star opening.</li> </ul>	<ul style="list-style-type: none"> <li>• Circle around the adjacent (D) two times and "zip-up" the row to the next corner.</li> <li>• Circle the corner (D's) twice.</li> <li>• <b>PT</b> the (A) and circle around the next corner twice.</li> <li>• "Zip-up" each exterior opening.</li> <li>• Weave in working and tail threads and trim.</li> </ul>			
					
<b>CROWN NET - RIVOLI BASKET:</b>					
13	<ul style="list-style-type: none"> <li>• Use a "stop bead" on 24 inches (61cm).</li> <li>• Leave a 6 inch (15.2cm) tail thread.</li> <li>• Needle exits a (C) in crown opening, <b>PT</b> (A).</li> <li>• [1D]; between each (A). Increase tension.</li> </ul>	14	<ul style="list-style-type: none"> <li>• <b>PT</b> (A) and (D) in round again.</li> <li>• <b>EXIT</b> a (D).</li> <li>• [5A]; between each (D).</li> <li>• "Step up" to the center bead of (5A).</li> </ul>	15	<ul style="list-style-type: none"> <li>• Check tension of (5A) sets.</li> <li>• [2A,1C, 2A]; between each (5A) center bead.</li> <li>• Increase tension.</li> <li>• "Step up" to the next center (C).</li> </ul>
					
16	<ul style="list-style-type: none"> <li>• [3mm]; between each (C)</li> <li>• Insert 12mm Rivoli.</li> <li>• <b>PT</b> each (3mm) and (C) again.</li> <li>• Increase tension.</li> <li>• <b>EXIT</b> a (3mm).</li> </ul>	17	<ul style="list-style-type: none"> <li>• [1A]; between each (3mm).</li> <li>• <b>PT</b> each (3mm) and (A) again.</li> <li>• Increase tension.</li> <li>• Weave in working and tail threads. Trim.</li> </ul>	18	<ul style="list-style-type: none"> <li>• Use a "stop bead" on 24 inches (61cm).</li> <li>• Leave a 6 inch (15.2cm) tail thread.</li> <li>• Needle exits a (C) of crown opening.</li> <li>• Repeat Steps 14 thru 17 to complete Starburst.</li> </ul>
					



<b>BONUS LESSON - STARBURST WITH CRYSTAL SIDE EMBELLISHMENT:</b>					
1 & 2	<ul style="list-style-type: none"> <li>♦ Put a "stop bead" on 45 inches (114cm) of thread.</li> <li>♦ Leave a 15 inch (38 cm) tail.</li> </ul>		3	<ul style="list-style-type: none"> <li>♦ <b>Supplies:</b> (36 each 4mm Swarovski™ Bicone) for side joins.</li> </ul>	
	<ul style="list-style-type: none"> <li>String 4 sets:</li> <li><b>PT</b> the first (D) bead again.</li> <li>Continue to the next corner.</li> <li><b>EXIT</b> the corner (D).</li> <li>Use the "stop bead" to adjust tension.</li> </ul>	<ul style="list-style-type: none"> <li>[1D; 1A; 1D; 5C; 1D; 1B; 1D; 5C]</li> </ul> 		<ul style="list-style-type: none"> <li>(Corner Increase)</li> <li>[1C, 1A, 1C]; skip the (A).</li> <li><b>PT</b> next (D).</li> <li>(Side Increase)</li> <li>[3C, 1B, 3C]</li> <li>Complete the round.</li> </ul> 	
4	<ul style="list-style-type: none"> <li>(Continue increases).</li> <li>Complete four peyote (4) rows.</li> <li>Use the "stop bead" to adjust tension.</li> </ul>		5	<ul style="list-style-type: none"> <li>(Side - Decreases)</li> <li>[1C, 1A, 1C]; skip the (A).</li> <li>[1C, 1C, (decrease), 1C, 1B]; and</li> <li>[1C, (decrease), 1C, 1C]</li> <li>Complete the round.</li> </ul>	
	<p><b>Note:</b></p> <p>The interior tension increase positions the square on a 90 degree angle.</p>			<ul style="list-style-type: none"> <li>(Side - Decrease, continued)</li> <li>[1C, 1A, 1C]; skip the (A).</li> <li>[1C, 1D (decrease) 1D]; <b>PT</b> (B), and</li> <li>[1D, (decrease), 1D, 1C].</li> <li>Complete the round.</li> <li>Put "stop bead" on working thread</li> <li>♦ <b>Make Nine (9) squares.</b></li> </ul>	
<p><b>DESIGNER TIP:</b> Make 9 squares from Steps 1-6, then using the tail and working threads alternate the "zip-to" and "zip-up" steps.</p>					
8	<ul style="list-style-type: none"> <li>(Zip-to interior row)</li> <li>Put a #12 needle on the tail thread.</li> <li><b>PT</b> interior corner (D, A, D)</li> <li>Follow pattern</li> <li>Add a "zip-to" row on the interior sides.</li> <li>Put a "stop bead" on tail thread.</li> </ul>		9	<ul style="list-style-type: none"> <li>"Zip-up" interior rows with tail threads.</li> <li>"Zip-up" exteriors with working threads.</li> <li>Weave in all threads and trim.</li> </ul> <ul style="list-style-type: none"> <li>♦ <b>Steps 13-18 complete the Crown Nets.</b></li> </ul> <p><b>Congratulations!</b> <b>"Starburst" is complete.</b></p>	