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# GALAXY SERIES

*Seeing Stars ©2003*



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# Seeing Stars

## Project Overview:

**W**elcome to the 2009 graphically enhanced version of the "Seeing Stars" pattern; available for purchase online since 2006.

*Fashion quadrilateral squares and join them back-to-back to form star points. Begin your galaxy with a one inch (25mm) 5-sided star; (pentagram). Then fill your galaxy with multiple star polygons, such as: 6-(hexagram), 7-(heptagram), 8-(octagram), and the impressive 9-(enneagram) sided star.*

*A single quadrilateral joined to a star point, functions nicely as a bail, to showcase on a chain. Connect several for bracelets, necklaces, or curtain tie-backs. Remember them as holiday ornaments. May you have fun making one "Seeing Star" for all the "Stars" in your world.*

*- Eva Maria Keiser*

## **TECHNIQUES: PEYOTE**

## **SKILL LEVEL: WORKING KNOWLEDGE OF PEYOTE**

## **MATERIALS:**

- ◇ 7 gram (A) 11/0 cylinder bead - Color 1
- ◇ 7 gram (B) 11/0 cylinder bead - Color 2
- ◇ 7 gram (C) 11/0 cylinder bead - Color 3
- ◇ 5 gram (D) 15/0 seed bead

## **TOOLS AND NOTIONS:**

- ◇ Braided Wire - Fireline® 6#
- ◇ Scissors - Designated for braided wire only
- ◇ Size 12 beading needles
- ◇ Chain nose pliers (optional for pulling thread)

## **SUGGESTIONS:**

- ◇ Due to multiple thread passes, avoid knotting, adhesives, and/or waxing.
- ◇ When selecting cylinder beads, consider the finish and durability.
- ◇ Make a small peyote test sample. Weave multiple thread paths, to test the bead strength and the thread tension tolerance.

**TENSION: MODERATE**

**Steps 1 thru 6 make one (1) quadrilateral square**

**ROUND 1 - CENTER CIRCLE:**

- 1**
- Thread 36 inches, (92cm); leave a 6 inch, (15cm) tail. DO NOT WAX.
  - Pick up [8A]. (FIG. 1 - Photo 1)
  - Pass thru #1 bead again to form a circle. DO NOT GLUE OR KNOT.
  - Pass thru all the beads in the circle once more.
  - Continue thru the #1 bead, and STEP-UP thru #2 and #3 (FIG. 2 - Photo 2)
  - Gently increase the tension to tighten the circle.

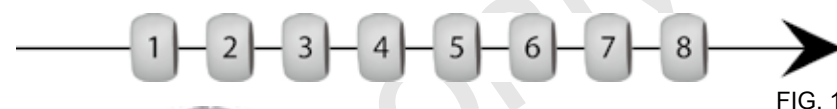


FIG. 1

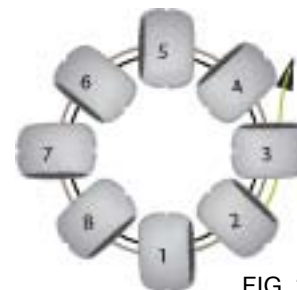


FIG. 2

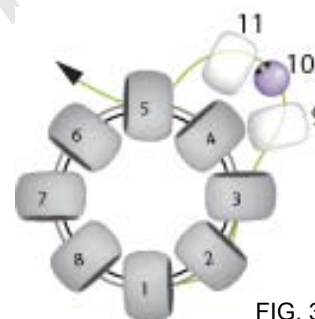


FIG. 3

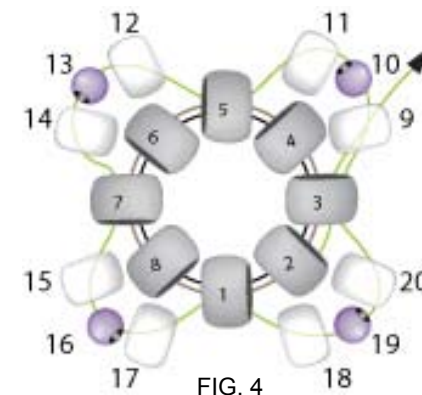


FIG. 4

**ROUND 2 - CORNER INCREASE:**

- 2**
- Pick up [1B, 1D, 1B], skip #4 and pass thru #5 bead. (FIG. 3 - Photo 3)
  - Repeat [1B, 1D, 1B], between (#5 and #7); (#7 and #1); (#1 and #3).
  - STEP-UP thru #3 and #9. (FIG. 4 - Photo 4)



PHOTO 1



PHOTO 2



PHOTO 3



PHOTO 4

*Know your way around peyote? Work from the graph. (See page 8)*

**NOTE:**

*The 15/0 adds interest, hides the corner threads, enhances star center embellishment, supports the bead strength, and sets the tension. The 15/0 floats if the thread tension too loose, and buckles when too tight.*

**ROUND 3 - SIDE INCREASE:**

- 3** The thread exits #9; continue the corner increase:  
 - Pick up [1A, 1D, 1A], skip #10 and pass thru #11.

**SIDE INCREASE:**

- Pick up [1A], pass thru #12.
- Repeat corner and side increase in the round.
- STEP-UP thru #9 and #21. (FIG. 5, Photo 5)

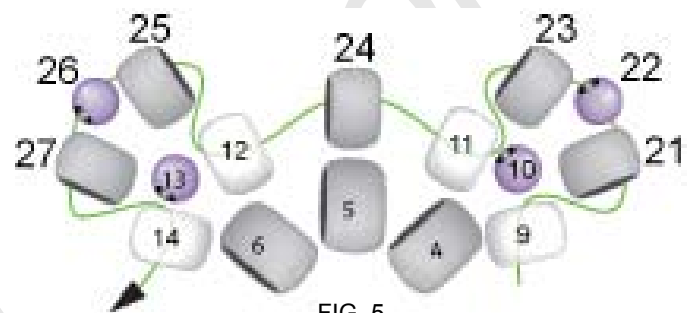


FIG. 5

**ROUND 4 - PATTERN COLOR CHANGE:**

- 4** The thread exits #21; continue the corner increase:  
 - Pick up [1C, 1D, 1C], skip #22 and pass thru #23.

**SIDE INCREASE:**

- Pick up [1B], pass thru #24;
- Pick up [1B], pass thru #25.
- Repeat corner and side increase in the round.
- STEP-UP thru #21 and #37. (FIG. 6, Photo 6-a and 6-b)



FIG. 6



PHOTO 5



PHOTO 6-a



PHOTO 6-b

### ROUND 5: ONE FIVE (5) "UP" BEAD SQUARE

- 5** The thread exits #37; continue the corner increase:
- Pick up [1C, 1D, 1C], skip #38 and pass thru #39.

#### SIDE INCREASE:

- Pick up [1A], pass thru #40;
- Pick up [1A], pass thru #41;
- Pick up [1A], pass thru #42.
- Repeat corner and side increase in the round.
- STEP-UP thru #37 and #57. (FIG. 7, Photo 7)

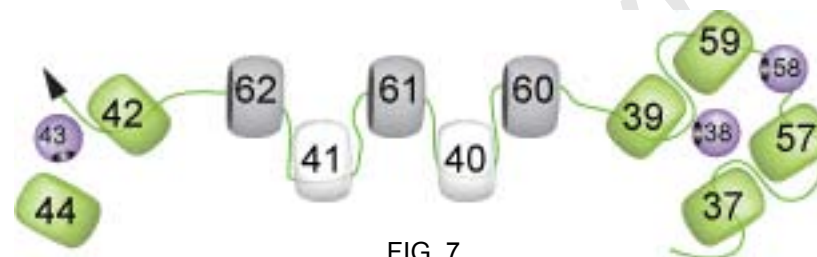


FIG. 7

#### NOTE:

*Rounds 1 thru 6 complete one (1) quadrilateral square. One (1) square = one (1) star point.  
Determine how many squares are required to make the star of your choice. (See Chart, page 7).  
For taller stars continue Round 5 (Corner and Side increases), then work Round 6. (Photo 8)*

### ROUND 6: END CORNER AND SIDE INCREASES - ONE FIVE (5) "UP" BEAD SQUARE IS COMPLETE!

- 6** Thread exits #57; pass thru #58 and #59.
- Weave thread towards the side increase bead in Round 3,
  - Weave a figure eight around it and the bead below,
  - Weave up towards a corner increase,
  - Check thread tension, trim thread.. (FIG. 8)

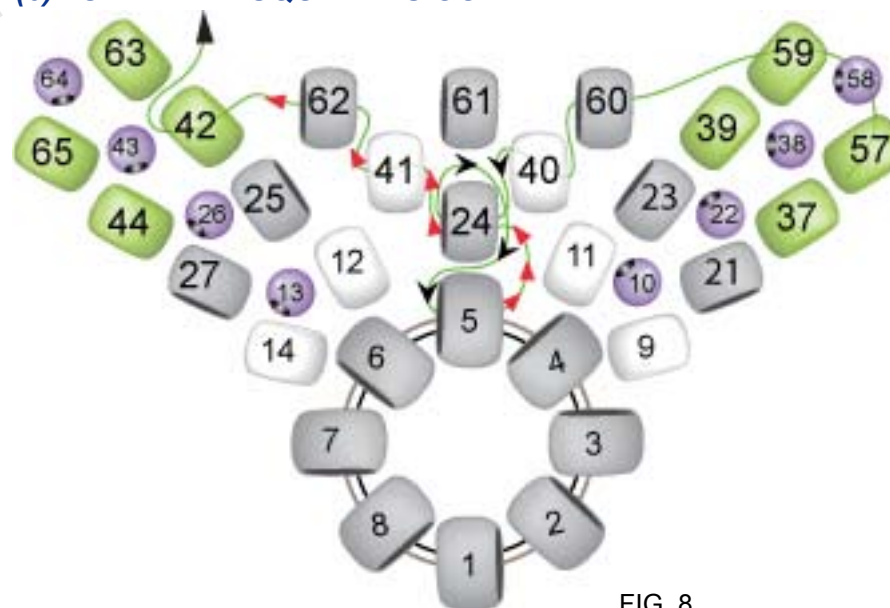








FIG. 8

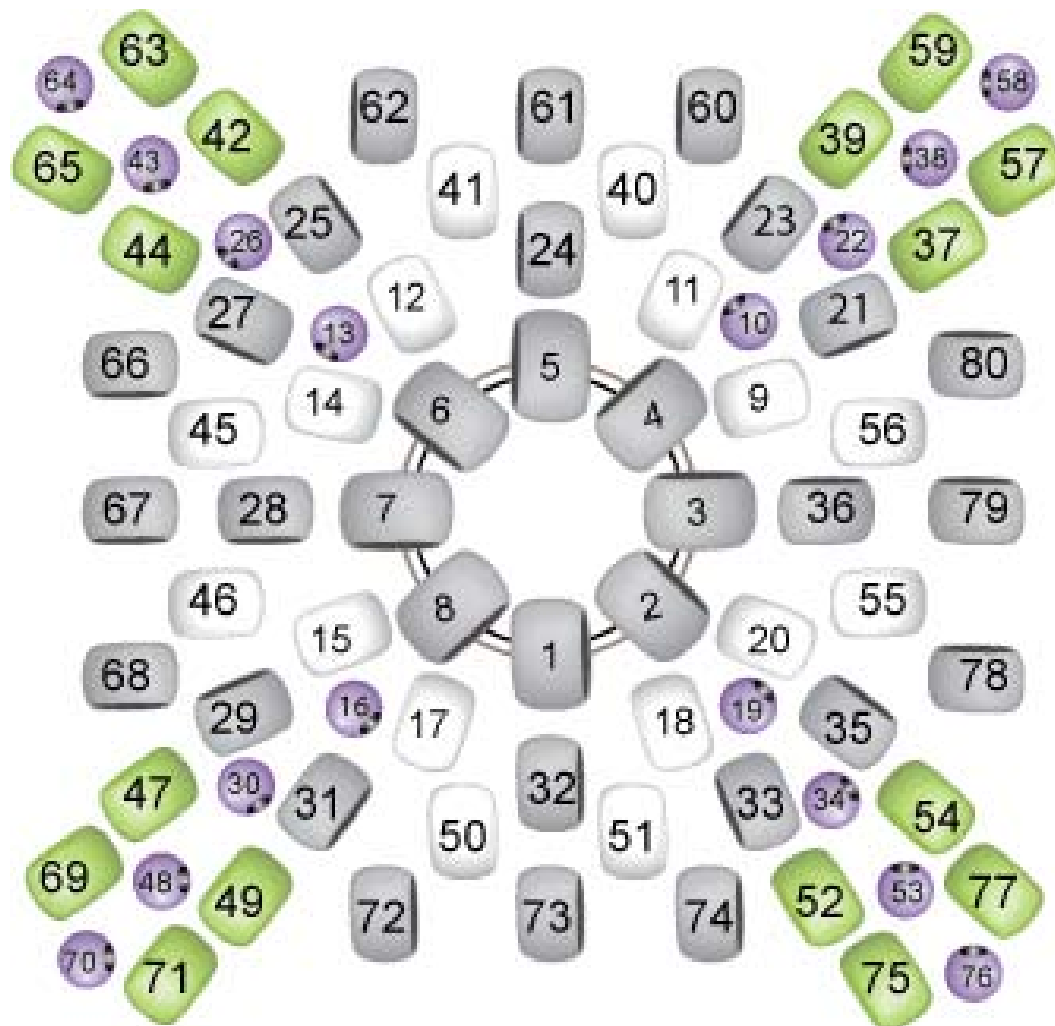


PHOTO 7

**Table 1: Five "Up" Star Sizing**

| <b>Samples</b>  | <b>Interior Center Bead Size</b>                | <b>Star Size</b> | <b># Of Star Points</b> | <b>Center Closure Suggestions:</b>   |
|---|---|------------------|-------------------------|--|
|    | 12mm bead                                       | 25mm             | Four (4)<br>square star | [1A]; (between D) x 4<br>- Pass thru circle two times; secure thread.  |
|    | 12mm bead                                       | 25mm             | Five (5)<br>pentagram   | [2A]; (between D) x 5<br>- Pass thru circle two times; secure thread.  |
|    | 14mm bead                                       | 28mm             | Six (6)<br>hexagram     | [2A]; (between D) x 6<br>- Pass thru circle two times; secure thread.  |
|   | 15mm bead                                       | 30mm             | Seven (7)<br>heptagram  | [3A]; <b>OR</b> [1 - 3mm bead]; (between D) x 7<br>[1D]; (between 3mm) x 7<br>- Pass thru circle two times; secure thread. |
|  | 16mm bead                                       | 32mm             | Eight (8)<br>octagram   | [1 - #1 Bugle]; (between D) x 8<br>- Pass thru circle two times; secure thread.  |
|  | 18mm bead<br>(Shown: 18mm<br>crystal in center) | 34mm             | Nine (9)<br>enneagram   | [2D; 1A; 2D]; (between D) x 9<br>[1C]; (between A) x 9<br>- Pass thru circle two times; secure thread.                     |

## GRAPH: ONE FIVE (5) "UP" BEAD SQUARE



### Size Examples:

(Photo 8)

7 "up" beads x 5 star points = 1.5 inch (37.5mm)

9 "up" beads x 5 star points = 2 inch (50mm)

11 "up" beads x 5 star points = 2.5 inch (75mm)

### NOTE:

Rounds 1 thru 6 complete one (1) quadrilateral square.

One (1) square = one (1) star point.

Determine how many squares are required to make the star of your choice.

(See Chart on page 7)

For taller stars, continue Round 5 (Increase Corner and Sides), then work Round 6.

Fill larger sized stars to support and expand their structure. Otherwise they will have a two-sided flat surface.



©2003 "Seeing Stars Trio"  
Keiser Designs

PHOTO 8



## JOINING STAR POINTS

### NOTE:

*Star points are joined by zipping together squares. For the correct zip count, an additional row of beads is required.*

- 1
  - Thread 60 inches, (152cm); leave a 6 inch (15cm) tail. DO NOT WAX
  - Use a “stop bead”; the working thread exits a left or right corner bead.
  - Pass thru the (D) and next corner bead.
  - Pick-up [1B,1B,1B,1B] x 4 (sides only).
  - Pass thru corner beads. (DO NOT INCREASE). (FIG.9)

### NOTE:

*Place squares back to back at right angles. Add zipping rows as needed to join squares.*

- 2
  - Thread exits a corner bead and passes thru the adjacent corner bead.
  - Circle around the both corner beads one and one-half times.
  - Zip down thru one row, circle next corner beads two (2) times.
  - Zip up and down sides, adding zip beads as needed. (FIG.10, Photo 9)
  - Insert bead or stuffing prior to zipping the last square. (See chart on page 7). (Photo 10)
- 3
  - Weave the working thread to a star center opening.
  - Pass thru a corner and the (D) bead.
  - Refer to the center closure suggestions. (See Table on page 7). Do both sides of the star.
  - Weave in, secure, and end all thread tails.



PHOTO 9



PHOTO 10

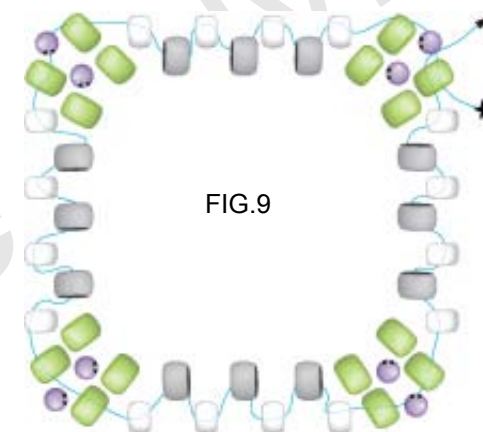


FIG.9



FIG. 10

**CONGRATULATIONS!  
ANOTHER STAR IS BORN.**

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# GALAXY SERIES

*Seeing Stars #1 © 2003*

*Re-release of the original.*



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# Seeing Stars

## Project Overview:

**W**elcome to the “Re-released” version of the Original “Seeing Stars” diamond pattern; designed in 2003 and available for purchase online since 2006.

Fashion quadrilateral squares and join them back-to-back to form star points. Begin your galaxy with a one inch (25mm) 5-sided star; (pentagram). Then fill your galaxy with multiple star polygons, such as: 6-(hexagram), 7-(heptagram), 8-(octagram), and the impressive 9-(enneagram) sided star.

Use a single quadrilateral joined to a star point, as a bail, to showcase on a chain. Connect several for bracelets, necklaces, curtain tie-backs, or holiday ornaments.

May you have fun making these motifs for all the “Stars” in your world.

- Eva Maria Keiser

## TECHNIQUES: PEYOTE

## SKILL LEVEL: WORKING KNOWLEDGE OF PEYOTE

## MATERIALS:

- ◇ 10 gram (A) 11/0 cylinder bead - Color 1 = MC
- ◇ 10 gram (B) 11/0 cylinder bead - Color 2 = AC
- ◇ 5 gram (D) 15/0 seed bead

## TOOLS AND NOTIONS:

- ◇ Braided Wire - Fireline® 6#
- ◇ Scissors - Designated for braided wire only
- ◇ Size 12 beading needles
- ◇ Chain nose pliers (optional for pulling thread)

## SUGGESTIONS:

- ◇ Due to multiple thread passes, avoid knotting, adhesives, and/or waxing.
- ◇ When selecting cylinder beads, consider the finish and durability.
- ◇ Make a small peyote test sample. Weave multiple thread paths, to test the bead strength and the thread tension tolerance.

### ROUND 1 - CENTER CIRCLE:

**TENSION: MODERATE**

**1**

- Thread 36 inches, (92cm); leave a 6 inch, (15cm) tail. DO NOT WAX.

- Pick up [8A]. (FIG. 1)

- Pass thru #1 bead again to form a circle.

DO NOT GLUE OR KNOT.

- Pass thru all the beads in the circle once more.

- Continue thru the #1 bead, and STEP-UP thru #2 and #3 (FIG. 2)

- Gently increase the tension to tighten the circle.

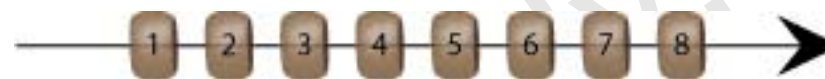


FIG. 1

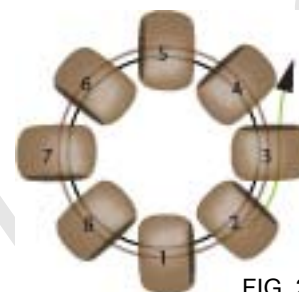


FIG. 2

### ROUND 2 - CORNER INCREASE:

**2**

- Pick up [2A], skip #4 and pass thru #5 bead.

(FIG. 3)

- Repeat [2A], between (#5 and #7); (#7 and #1); (#1 and #3).

- STEP-UP thru #3 and #9. (FIG. 4)

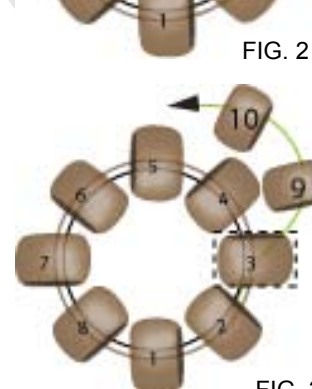


FIG. 3



FIG. 4

### ROUND 3 - SIDE INCREASE:

**3**

The thread exits #9; continue the corner increase:

- Pick up [2A], skip #10

**SIDE INCREASE:**

- Pick up [1B], pass thru #17.

- Repeat corner and side increase in the round.

- STEP-UP thru #9 and #21. (FIG. 5)

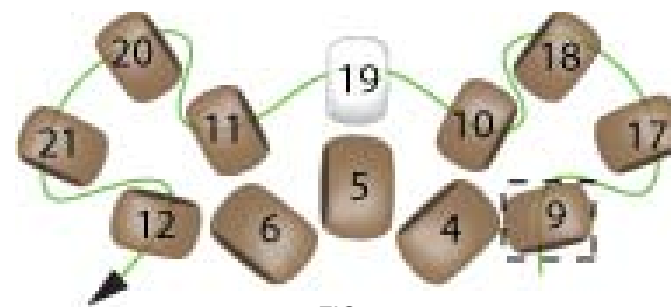
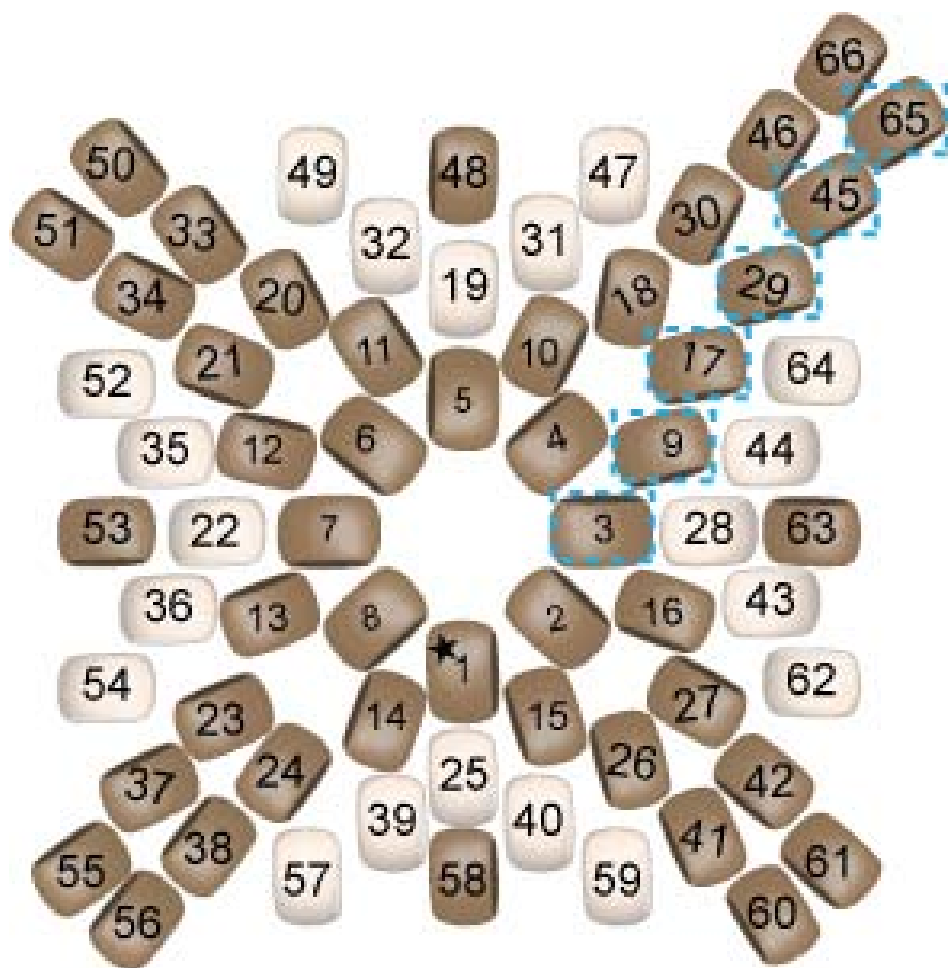


FIG. 5

*Know your way around peyote? Work from this graph and continue to the desired size or proceed to the original written instructions.*



 Step up



**Size Examples:**

- 7 "up" beads x 5 star points = 1.5 inch (37.5mm)
- 9 "up" beads x 5 star points = 2 inch (50mm)
- 11 "up" beads x 5 star points = 2.5 inch (75mm)

**Technique:** Peyote

**Skill Level:** Working knowledge of Peyote

**Note:** One (1) Segment = one (1) star point.

**Tension:** Moderate and consistent

**Materials:** (for largest star)

- |          |                                    |
|----------|------------------------------------|
| 10 grams | MC = main color Cylinder Bead      |
| 10 grams | AC = alternate color Cylinder Bead |
| 5 grams  | 15° #457L - Light Bronze Metallic  |
|          | 6# Fireline™ Crystal               |
|          | #12 beading needle                 |



**About “Seeing Stars”:** A star shape is formed on an 8 bead center, increasing by 2 beads on corners. Initially the design forms a square; by further Increasing a right angle is formed. At that point, the star size you wish is up to you. Create star shapes by joining the right angle segments. Smaller stars using cylinder beads are limited as the rigidity of the design causes beads to break.

Stuff larger stars (over 3 inches) with wool, batting or clear plastic wrap to keep from collapsing.

**Note:** This design requires several passes thru the cylinder beads, particularly if you enhance the design with surface embellishment; therefore, knotting, gluing, and/or waxing are not recommended. Extra thread for ending is calculated in thread measurement.

**Step 1 – Set up**

- Thread a “Stop Bead” onto a wingspan of Fireline 6#, **DO NOT WAX**
- Pick up 8 MC leaving a 6 inch tail of thread
- Form a circle by passing thru all 8 MC twice, pulling snugly to secure circle
- Forward needle thru next 2 MC (this further secures and strengthens the circle).

**Step 2 – Diamond Pattern**

- Pick up 2 MC, skip between every other bead, continue for a total of 8 MC.  
**STEP UP**  
**Note:** The two corner bead increase is further referred to as the spine
- Peyote 2 MC, 1 AC, 2 MC for a total of 8 MC and 4 AC. **STEP UP**
- Continue increasing by adding 2 MC on corners, and peyote 1 AC across the bridge until you have 11 up beads (large size star) on all three sides. **STEP UP**  
**Note:** Star segments initially form a square, but now form a 90 degree angle
- Secure working thread by zigzagging through the piece for a couple of turns  
**DO NOT KNOT, Trim thread.**
- Make a total of 5 star segments.



Three examples of “Seeing Stars”  
These instructions are for the largest star.



Large Star 2.5 inches - 11 up beads  
Medium Star- 2.0 inches - 9 up beads  
Small Star – 1.5 inches - 7 up beads



### Step 3 - Joining Star sections

**Note:** Star sections are joined by zipping together. In order to have the correct zip count, 1 row of beads down one side (following the pattern) is added prior to zipping

- a) Position 2 star sections back to back
- b) Thread a needle onto 18 inches of Fireline 6#, leaving a 6 inch tail **DO NOT WAX**
- c) Use a stop bead or secure tail thread and needle up the right or left side of the spine exiting first down bead of spine
- d) Add 1 bead as pattern requires exiting the corresponding right or left up bead of spine
- e) Forward needle to the segment to be joined and zip back and forth (going back up and over the same side further secures the join, but is not necessary)
- f) End working thread and tail thread.

**Suggestion:** A 16mm glass or wooden bead can be inserted into the star's center prior to closing the last segment. This will add weight and support to the center. Larger stars will need to be stuffed to support center and star ends.

- g) Repeat and join all sections.

### Step 4 - Star Segment End Bead (MC or AC Bead)

- a) Thread a needle onto 10 inches of Fireline 6#, leaving a 3 inch tail **DO NOT WAX**
- b) Use a stop bead or secure tail thread and needle up the right or left side of the spine exiting first up bead
- c) Add 1 MC or AC end bead, needle across and exit needle on down spine bead
- d) Needle to opposite spine up bead, thru end bead and back down spine bead

**Note:** You have crisscrossed thru the end bead

- e) End working and tail thread

**Note:** Substitute an end bead with a hook, ring, or your choice of method to hang star

- f) Repeat Star Segment End Bead (MC or AC Bead) completing all ends.

### Step 5 - Star Center Embellishment (MC or AC)

- a) Thread a needle onto 12 inches of Fireline 6#, leaving 3 inch tail **DO NOT WAX**
- b) Working from the center of the star, use a stop bead or secure tail thread and needle up the right or left side of the spine exiting first up bead
- c) Add 1 MC or AC at the spine, needle up and over the zipped section to next spine,
- d) Repeat adding 1 MC or AC to spine for a total of 5 beads **STEP UP**
- e) Add 1(one) 15° bead between each MC or AC **STEP UP**
- f) Add 3 (three) 15° beads between 15° **STEP UP**
- g) End working and tail thread
- h) Complete the other side of the star center.

3 - c



3 - Suggestion



3 - e



3 - g



4 - c



5 - c thru f



4 - Note



("Seeing Stars" - Version 1.0)