



Pinguat



BEADED REGALIA PATTERNS
DEVELOPED BY JUNE PARDUE





Kodiak, Alaska

A CULTURAL EXCHANGE

In 2018, the Alutiiq Museum and the Musée Boulogne-sur-Mer, France partnered to send two ceremonial masks and a rare set of beaded regalia—a headdress, sash, and cuffs—to Alaska. The pieces were collected on Kodiak in the winter of 1871-1872 by French anthropologist Alphonse Pinart. The regalia is one of the few complete sets known and holds valuable information on the design and construction of Alutiiq festival clothing.

THE PINGUAT PROJECT

The Alutiiq Museum exhibited the pieces and developed a workshop around them. A group of 13 Alutiiq beaders studied and recreated the regalia to learn from the set, document information preserved in the garments, and reawaken beading traditions.

MAKING THE REGALIA

Artist June Pardue led the Pinguat workshop, helping beaders to observe every detail of the ancestral pieces. During this process, she recorded information and developed this guide. Making regalia is difficult and requires time, patience, and precision. This booklet is not intended as a guide for making your first piece. However, June's instructions provide wonderful details that can help you learn techniques for headdress making.



QUYANAA—THANK YOU TO PINGUAT SPONSORS





Boulogne-sur-Mer, France

SUPPLIES AND SUPPLIERS

FROM: www.shipwreckbeads.com

- Czech Beads Black, Size 6/o, #6SB109-2 - 108 strands
- Czech Beads Medium Brown, Size 6/o, #6SB154 - 108 strands
- Czech Beads Teal Blue, Size 6/o, # 6SB168 - 108 strands
- Czech Beads Opaque White, Size 6/o, #6SB112 - 108 strands
- Czech Beads Deep Green, Size 6/o, #6SB288 - 108 strands
- Bead Pads, #MS64-S - 1
- Size 10 short beading needles, #F1280-10 - 1 pack
- Size F Nymo beading thread, #50TN112-C - 2 spools
- Czech Faceted Barrel Mix 5"x7", #66GB9000 - 2400 pieces
- Bead Size Chart, #MS8 - 13

FROM: www.hideandfur.com

- Brain-tanned deer hide
- Size 6 skin sewing needles

FROM: www.etsy.com/people/WISHsuppliesWhite

- Ceramic Tube Beads - 4 packs of 22 beads

FROM: www.joann.com

- Paton's Classic Wool Dk Superwash Yarn: Dark Red 1

TOOLS NEEDED

- Needles
- Scissors
- Tape Measure
- Disposable lighter

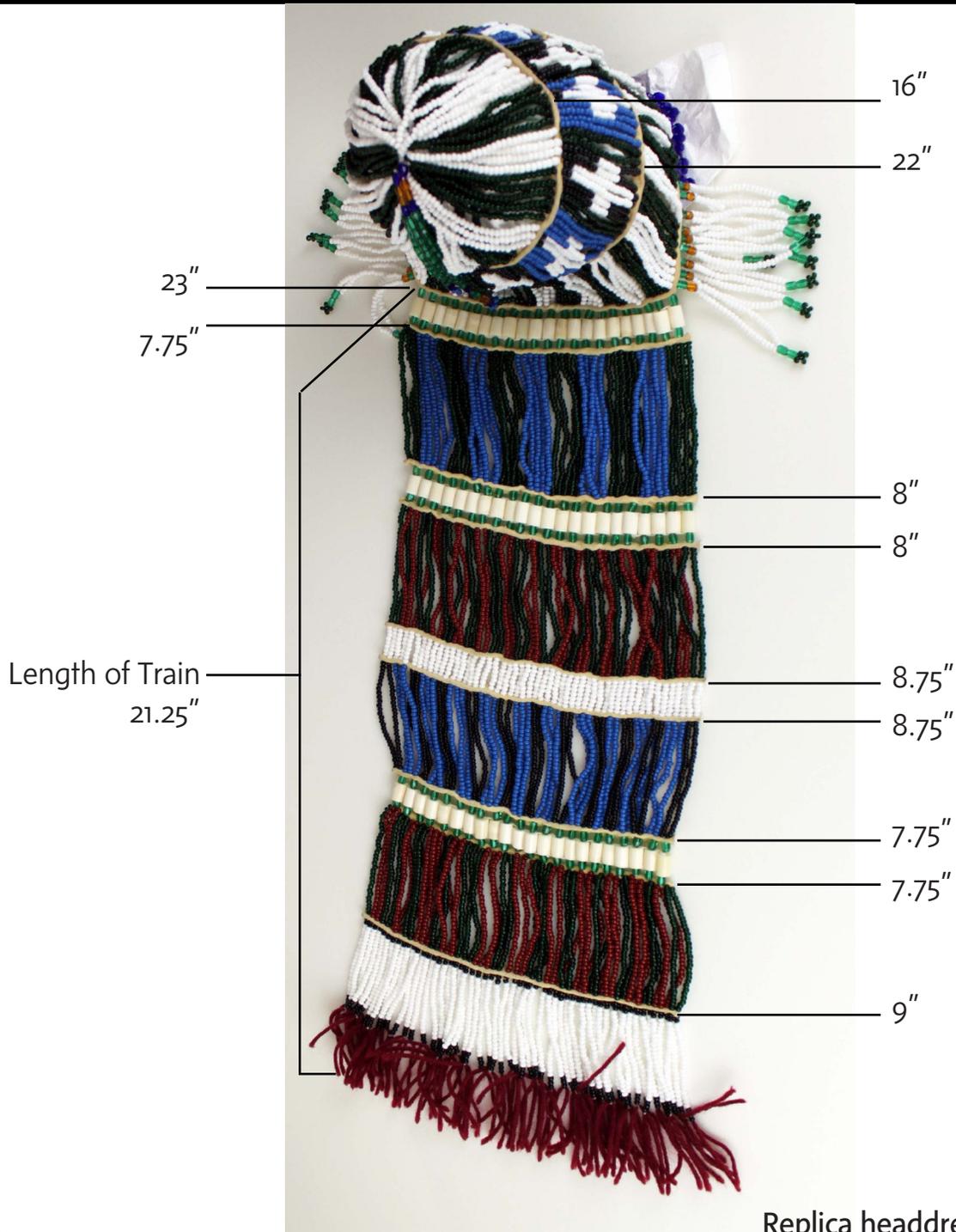
CHAPTERS

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CHAPTER 1

NACAQ – HEADDRESS

MEASUREMENTS - Lengths of leather strips



PART 1 – NACAQ-HEADADDRESS TRAIN



Panel 1

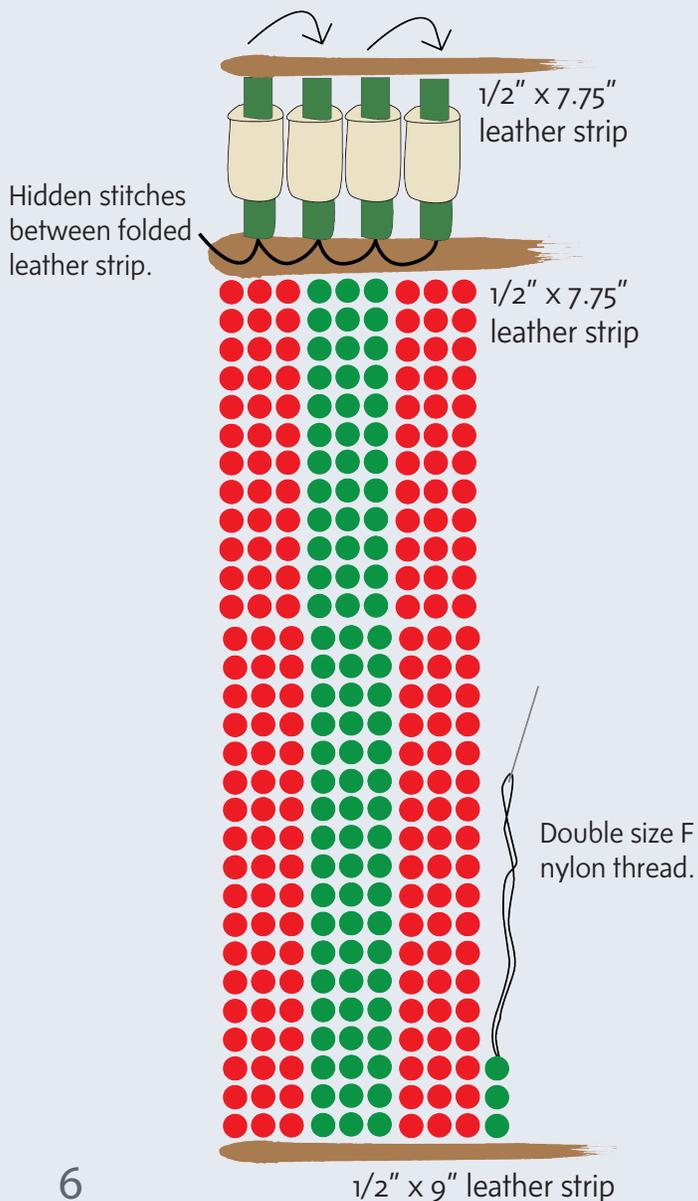
Panel 2

Panel 3

Panel 4



Panel 1



This panel is 22 tube beads wide. It is anchored between two 1 inch x 7.75 inch strips of leather folded in half (to make the strip half as wide (1/4" x 7.75")).

Use the brick stitch pattern (see page 7) with size F rayon thread to create a row of linked tube beads.

Attach a green cut bead to the strip of leather, hide the knot in the middle of the first fold.

Poke the threaded needle through the tube bead then through another green cut tube bead.

Tie at least three knots to the second strip of leather.

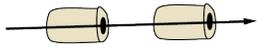
To strengthen the attachment, sew through the three beads once more. Hide the knot between the folded leather strip.

Cut thread close to the knot and carefully melt thread tails with a lighter.

Repeat this across the strip of 22 tube beads that have been attached together with the brick stitch technique.

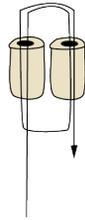
Bottom of Panel: Work from the bottom of the panel to the top. Hide knots in the middle of the folded strips of leather. String 30 beads of red #6 beads from bottom to top. Use three rows of red. Repeat three more rows with #6 dark green beads. Bead rows of red and green to fill a space as wide as the row of tube beads.

How to Brick Stitch



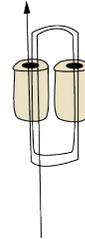
Step 1

String two beads.



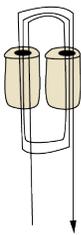
Step 2

Pass thread back through both beads. Pull the thread taut, so the two beads are next to each other.



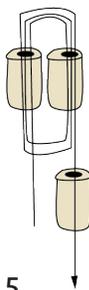
Step 3

Pass thread back up through the first bead.



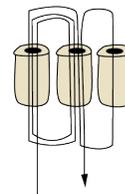
Step 4

Go back through the second bead.



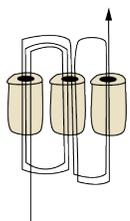
Step 5

String new bead.



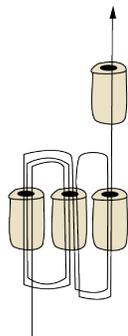
Step 6

Pass through the previous bead so the new bead sits next to it.



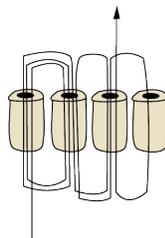
Step 7

Pass through the last bead added.



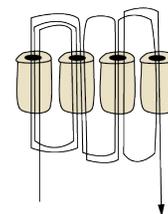
Step 8

String new bead.



Step 9

Pass through the previous bead so the new bead sits next to it.



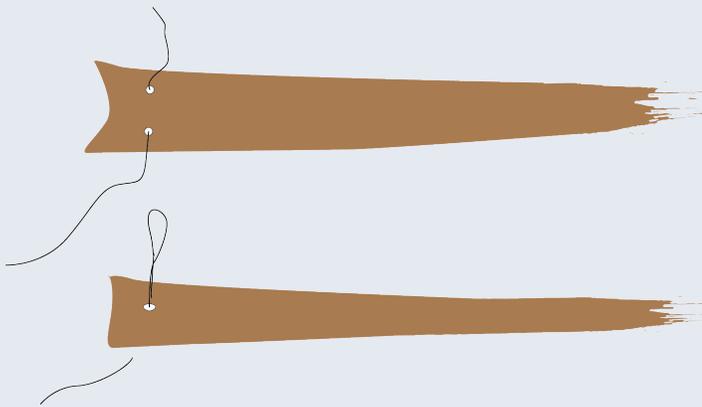
Step 10

Go back through the third bead. Repeat steps until there are 22 beads.



Panel 2

Folded Leather

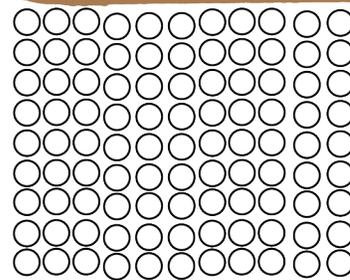


Attach column of beads to top row of tube and green cut beads sewn between two strips of leather. Work panel #2 from bottom to top.

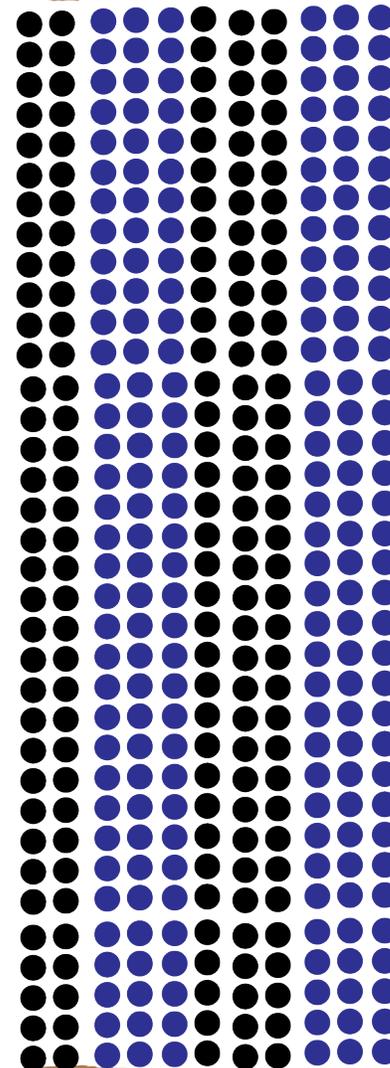
String 30 beads on doubled thread. Now poke the needle through folded leather strip. Pull taut and tie a knot.

Add 8 white beads and another strip of folded leather. Poke needle through folded leather. Now poke the needle into the underside of the leather strip to hide the knot.

8

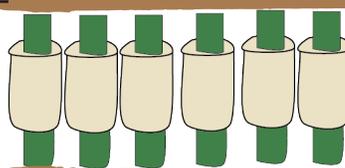


1/2" x 8.75"
leather strip



1/2" x 8.75"
leather strip

Top of Panel 1



Hide knot in this
fold, then work
your way up.



1/2" x 7.75"
leather strip



Panel 3

Add a strip of 22 tube beads that have been pre-strung together using the brick stitch method (see page 7).

Hide a knot in the folded leather strip.

Add a green cut bead.

Pull needle up the tube bead.

Thread over to the tube bead on the right.

Pull needle down the tube bead. Add a green bead.

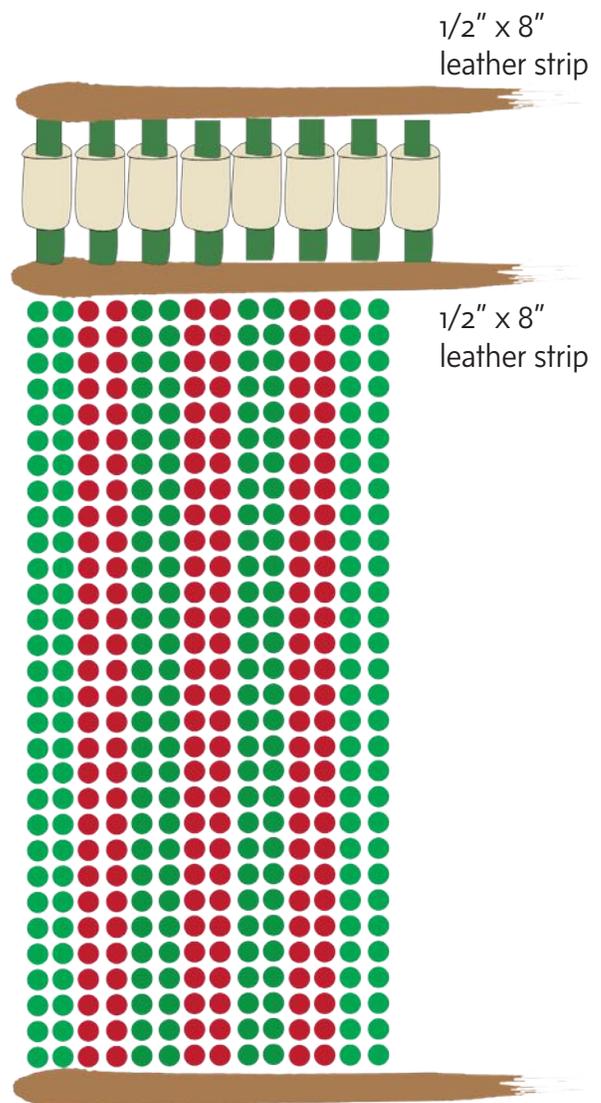
Tie a good knot in the folded leather strip.

Repeat steps 1-6.

Now follow the pattern for panel #1:

Row of 30 dark green beads, then alternate to 2 columns of red, two green, and end with green.

Hide knot in the fold where 8 white beads are in panel #2.





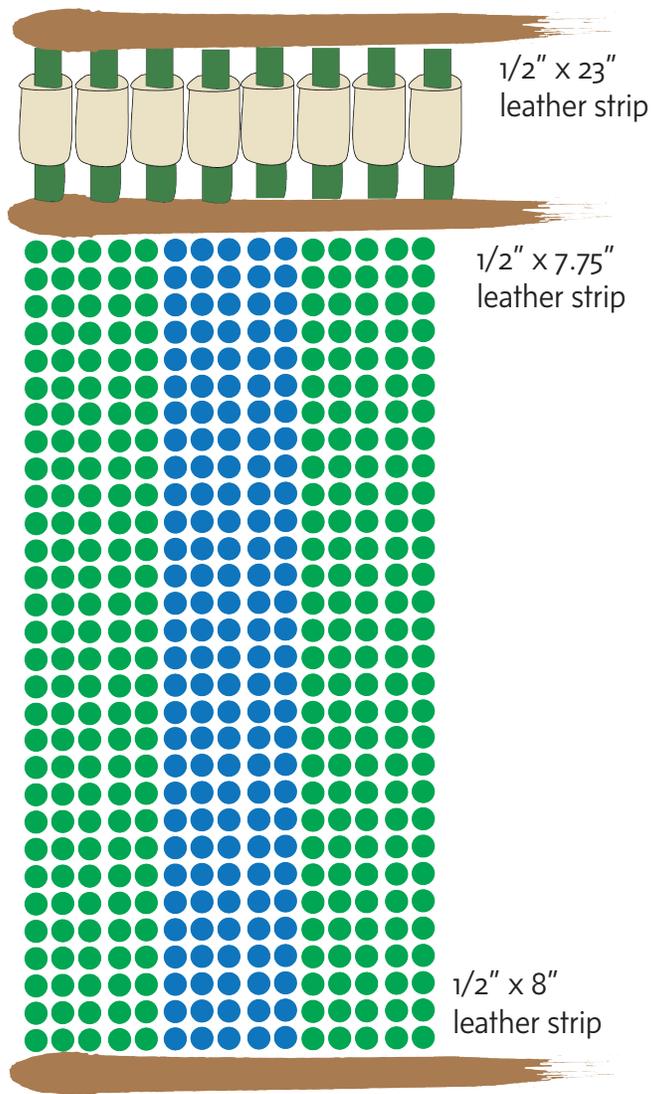
Panel 4

This is the panel that attaches to the base of the beaded cap. This is the back.

The top row of green faceted beads will be used to attach the tail to the cap.

Attach top of green cut beads to strip of tube beads. Hide knots in leather fold.

Follow the beading directions for Panel 2.



PART 2

NACAQ-HEADRESS CAP



Panel 6

Panel 7

Panel 5



Panel 5 - Cap step 1, base of cap

Note:

Knots that are not hidden result in an itchy cap.

Use size 6 beads for this pattern.

Use brain tanned deer leather.

Cut a 23 inch long leather strip, it should be $\frac{1}{2}$ inch wide. This strip will be for the forehead. It will wrap around the earlobes and nape of the neck.

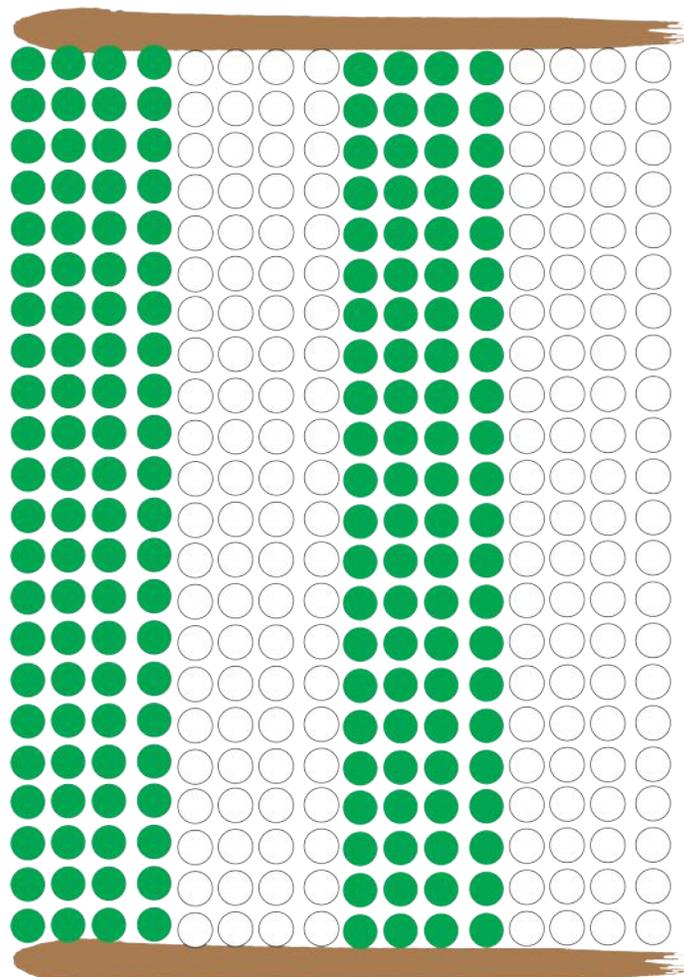
Cut a 22 inch x $\frac{1}{2}$ inch long strip of leather. This strip meets the crosses on the hat (panel 7 above).

Sew each strip to make two circles. Mark the 23 inch strip with a piece of black thread. Mark the 22 inch strip with red thread.

Use columns of green and white beads to attach to the two bands. Be sure to fold the strip in half to hide knots.

Mark the 22 inch band and the 23 inch band in quarters so that beads are spaced slightly farther apart on the 23 inch band to aid the rounded shape of the hat.

22" strip of leather



23" strip of leather



Panel 6 - Cap step 2, the crown

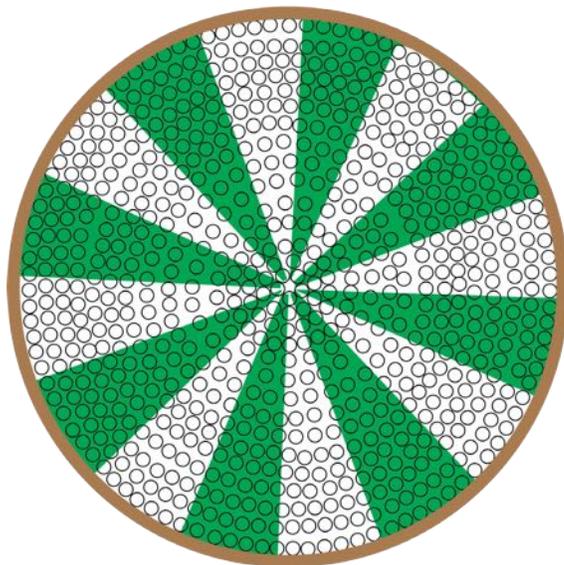
Cut a 16" x 1/2" leather strip. Sew it together to make a circle.

Beads sewn on to the 16 inch strip need to be crowded together; use less spacing between beads than in step 1.

Use 22 beads for each column.

String several columns of beads, then tie them together. Take a length of thread back through each column and knot it inside the 16" strip of leather.

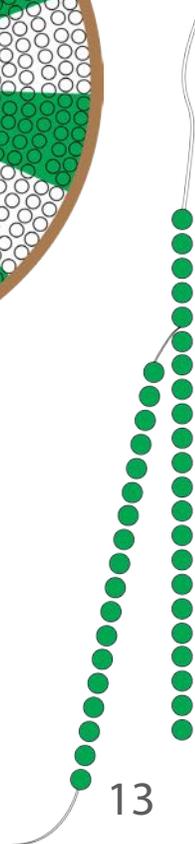
Continue beading and tying lengths to the top of the crown. To fill gaps in the sphere, a strand of beads can be broken into 2 as shown to the right.



See explanation on Pinguat video at 07:21.

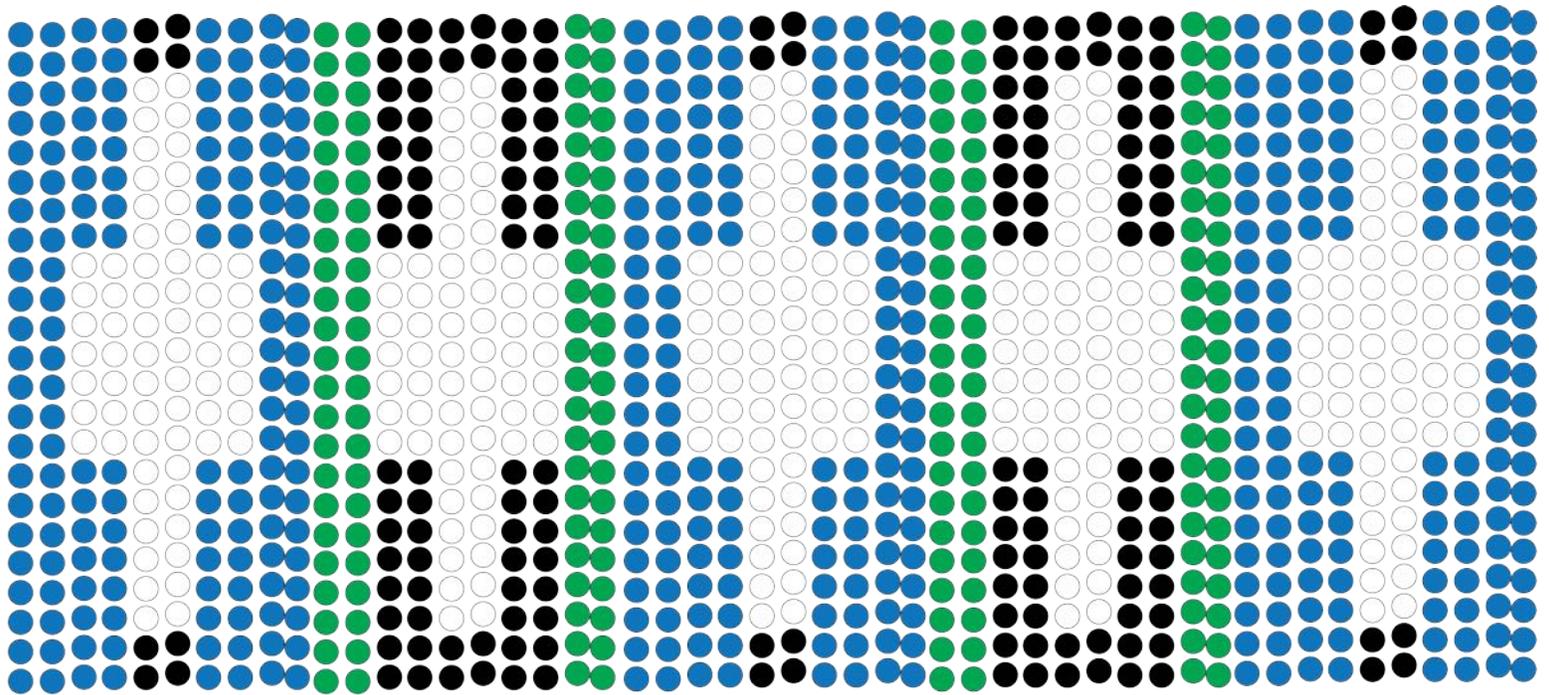
<https://vimeo.com/403459516>

Method for converting one strand of beads into two strands.





Panel 7 - Cap step 3, connecting the crown and the base



This is a very challenging step, as columns of beads must be strung between the two previously created pieces of the cap. Using the beading pattern above, string columns of beads on threads knotted to upper (22") piece of leather on the top edge of the base piece of the cap. Then tie each completed column to the 16" circle of leather on the bottom edge of the crown of the cap. Hide all knots in leather folds.

PART 3 FRINGES



Panel 10

Panel 9

Panel 8



Panel 8 - Front cap fringe, over eyes

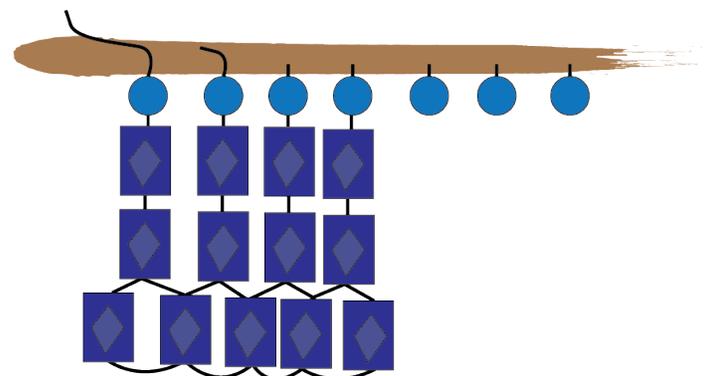
This fringe extends for 10" along the front of the cap—across the forehead from temple to temple.

Start by tying a knot at the end of a doubled thread.

Bead from the folded leather strip, hanging blue beads and cut blue beads as shown.

Bring the thread back through the beads and hide a knot in the fold of the leather strip.

Leather strip at base of cap.





Panel 9 - Side fringe

There will be a space between the blue cut beads for the front of the headdress and the tail that is attached to the back of the headdress. Fill this space with side fringe.

String two columns of white beads below one green cut bead and one topaz cut bead.

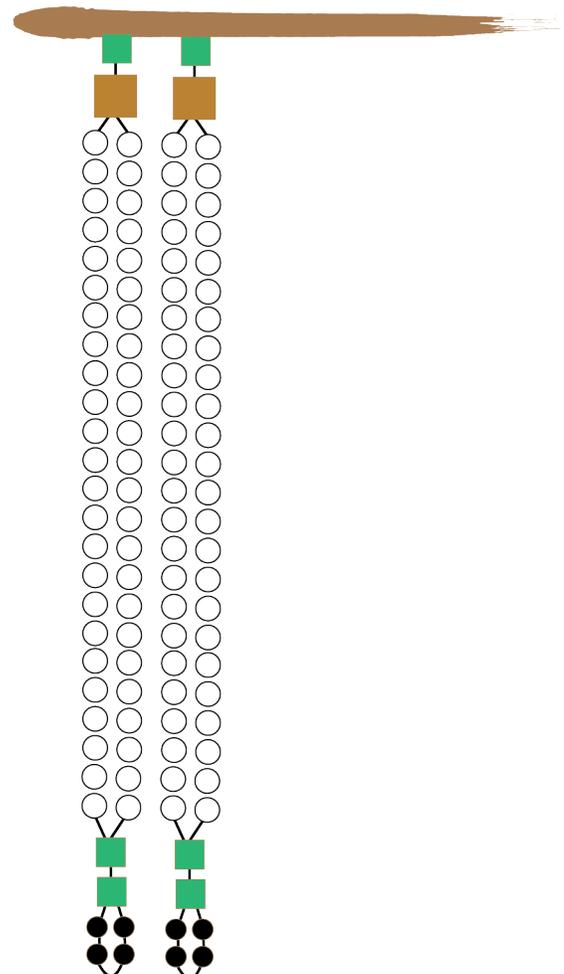
Add 2 green cut beads.

String 4 size 6 green beads to make a cluster at the bottom of the white strand of beads.

With your needle go up through the two green faceted beads.

Hide the knot between the folded leather. Now strengthen the strand by going through all the beads once more.

Leather strip at base of cap.





Panel 10 - Train Fringe

Cut two 2 inch pieces of yarn.

Tie the pieces of yarn securely to a length of thread.

String 3 black beads, then 20 white beads, and 2 black beads on to thread above yarn. Pull thread through leather strip at base of train.

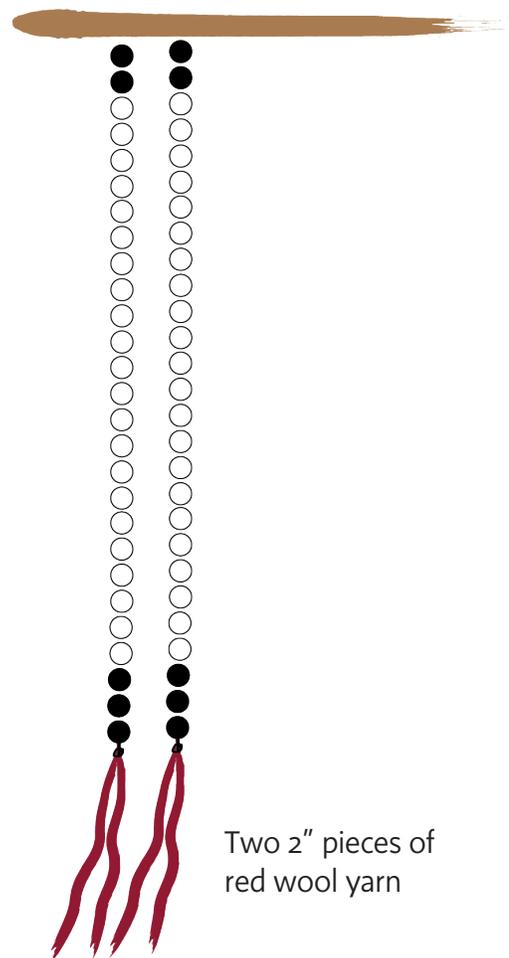
Hide a good knot in the fold of the strip.

Pull thread through all the beads one more time, working from the yarn toward the leather strip.

Hide the knot again. Melt the knot carefully with a lighter.

Repeat across the bottom of the headdress.

9" x 1/2" Leather strip at base of train.



Two 2" pieces of red wool yarn

CHAPTER 2

QILAU'UN—SASH

MEASUREMENTS - Lengths of leather strips



Replica beaded sash from the Pinguat workshop.

Unlike the headdress, where different pieces are made separately and assembled, the panels in this sash are made at the same time.

As you bead, follow the techniques outlined for the headdress:

- Fold each leather strip.
- Hide knots inside the fold.
- Melt thread ends with a lighter.
- Reinforce strands of beads by passing thread through twice.



Part 1

Columns 1 through 3: Bead

Red yarn

3 Black

11 White

2 Black

2 Blue

3" x 1/2" Strip of deer leather

28 Green

3.7" x 1/2" Strip of deer leather

28 White

3.75" x 1/2" Strip of deer leather

28 Black

3.7" x 1/2" Strip of deer leather

26 White

3.75" x 1/2" Strip of deer leather

32 Black

3.5" x 1/2" Strip of deer leather

32 White

3.5" x 1/2" Strip of deer leather

31 Black

3.5" x 1/2" Strip of deer leather

34 White

3.75" x 1/2" Strip of deer leather

26 Green

3.5" x 1/2" Strip of deer leather

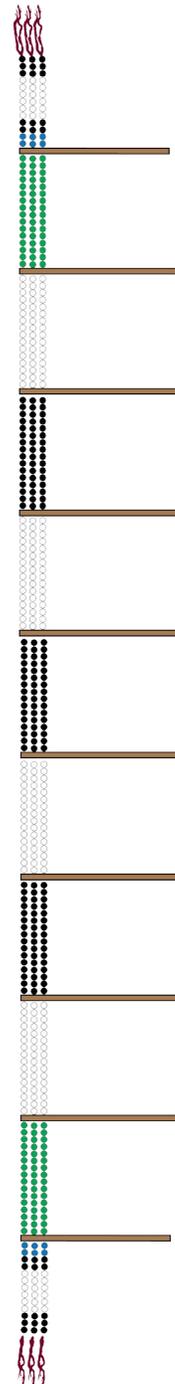
2 Blue

2 Black

10 White

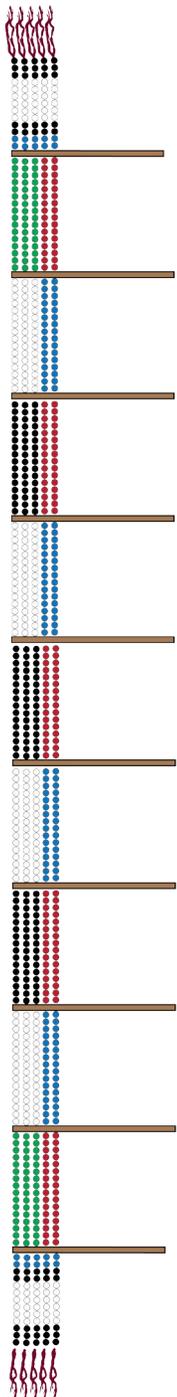
3 Black

Red Yarn





Part 2



Columns 4 and 5: Bead

Red yarn

3 Black

10 White

2 Black

2 Blue

3" x 1/2" Strip of deer leather

28 Red

3.7" x 1/2" Strip of deer leather

28 Blue

3.75" x 1/2" Strip of deer leather

28 Red

3.7" x 1/2" Strip of deer leather

26 Blue

3.75" x 1/2" Strip of deer leather

32 Red

3.5" x 1/2" Strip of deer leather

32 Blue

3.5" x 1/2" Strip of deer leather

32 Red

3.5" x 1/2" Strip of deer leather

34 Blue

3.75" x 1/2" Strip of deer leather

26 Red

3.5" x 1/2" Strip of deer leather

2 Blue

2 Black

10 White

3 Black

Red Yarn

See page 18 for fringe technique.



Part 3

Columns 6, 7, and 8: Bead

Red yarn

3 Black

10 White

2 Black

2 Blue

3" x 1/2" Strip of deer leather

28 Green

3.7" x 1/2" Strip of deer leather

28 White

3.75" x 1/2" Strip of deer leather

28 Black

3.7" x 1/2" Strip of deer leather

26 White

3.75" x 1/2" Strip of deer leather

32 Black

3.5" x 1/2" Strip of deer leather

32 White

3.5" x 1/2" Strip of deer leather

32 Black

3.5" x 1/2" Strip of deer leather

34 White

3.75" x 1/2" Strip of deer leather

26 Green

3.5" x 1/2" Strip of deer leather

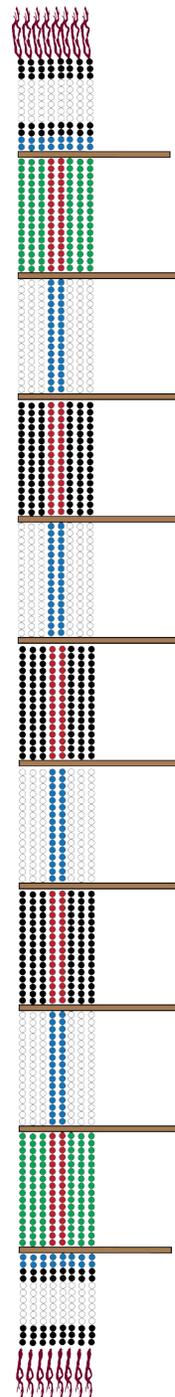
2 Blue

2 Black

10 White

3 Black

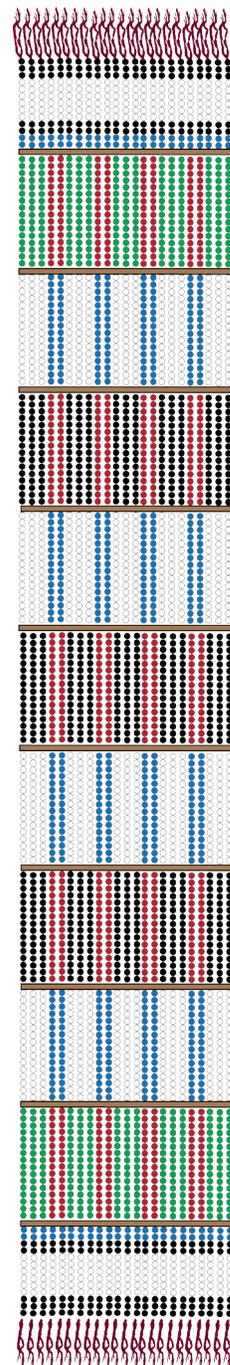
Red Yarn





Part 4

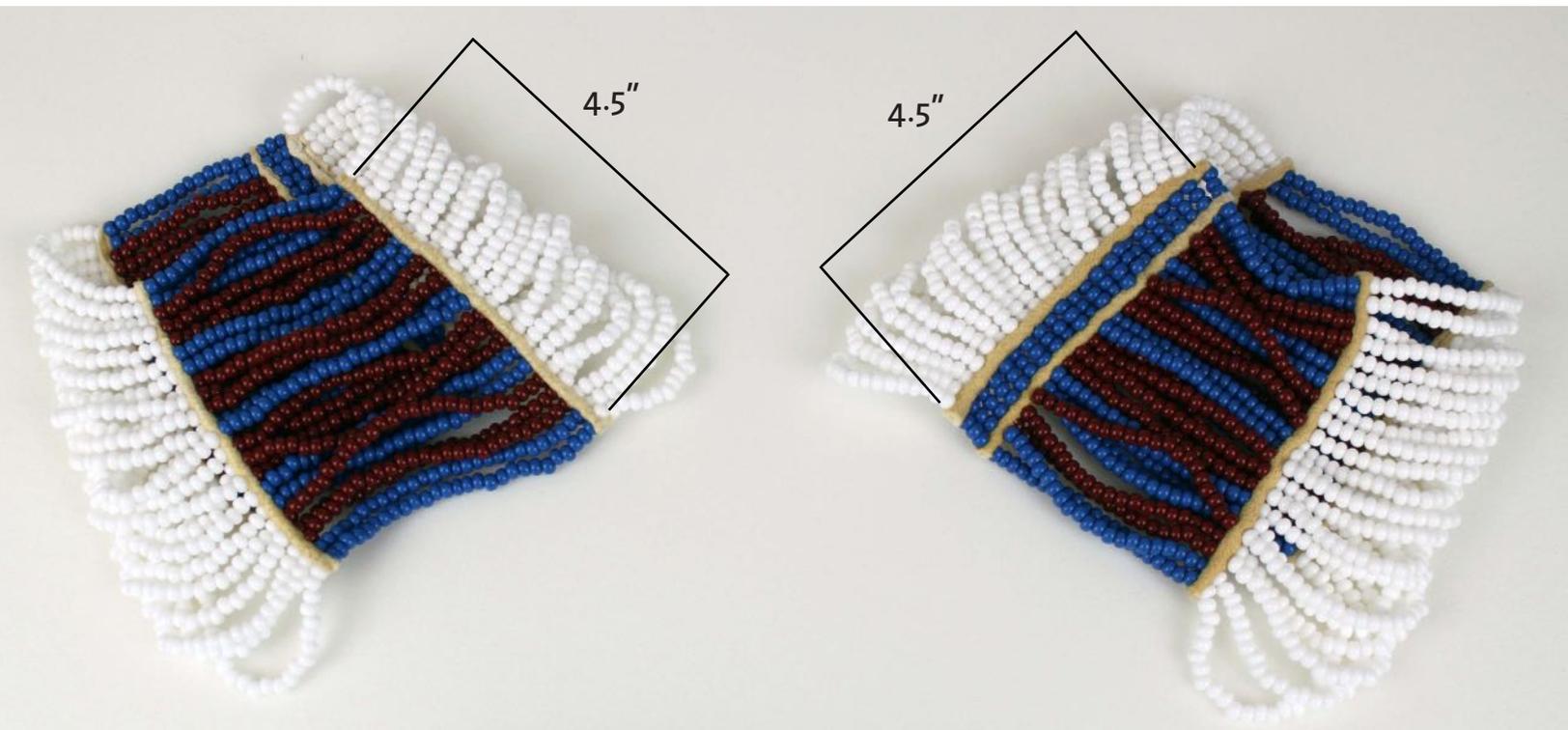
To complete the sash, alternate the patterns for columns 1 through 3 and columns 4 through 5, to make a total of 23 columns—as shown.



CHAPTER 3

TAYARNERUTAQ—CUFFS

MEASUREMENTS - Lengths of leather strips



Replica beaded cuffs from the Pinguat workshop.

As you bead, follow the techniques outlined for the headdress:

- Fold each leather strip.
- Hide knots inside the fold.
- Melt thread ends with a lighter.
- Reinforce strands of beads by passing thread through twice.



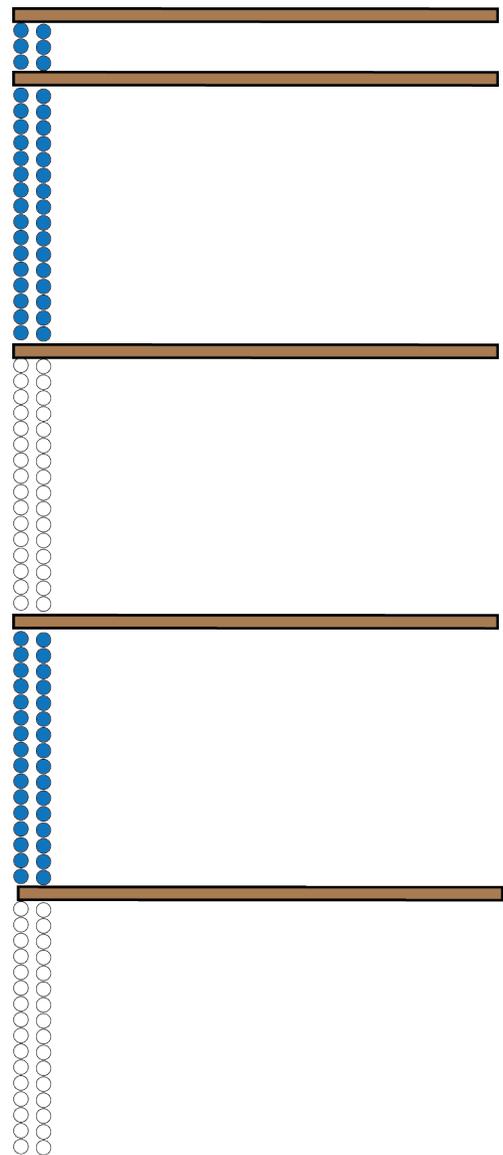
Part 1

Like the sash, these cuffs are made in one piece.

Columns 1 and 2: Bead

- 4.5" Strip of deer leather
- 3 Blue
- 4.5" Strip of deer leather
- 15 Blue
- 4.5" Strip of deer leather
- 19 White
- 4.5" Strip of deer leather
- 21 Blue
- 4.5" Strip of deer leather
- 19 White

The last set of white beads has to be secured to the first (top) leather strip, to form the shape of the cuff.



Part 2

Columns 3, 4, and 5: Bead

4.5" Strip of deer leather

3 Blue

4.5" Strip of deer leather

16 Red

4.5" Strip of deer leather

20 White

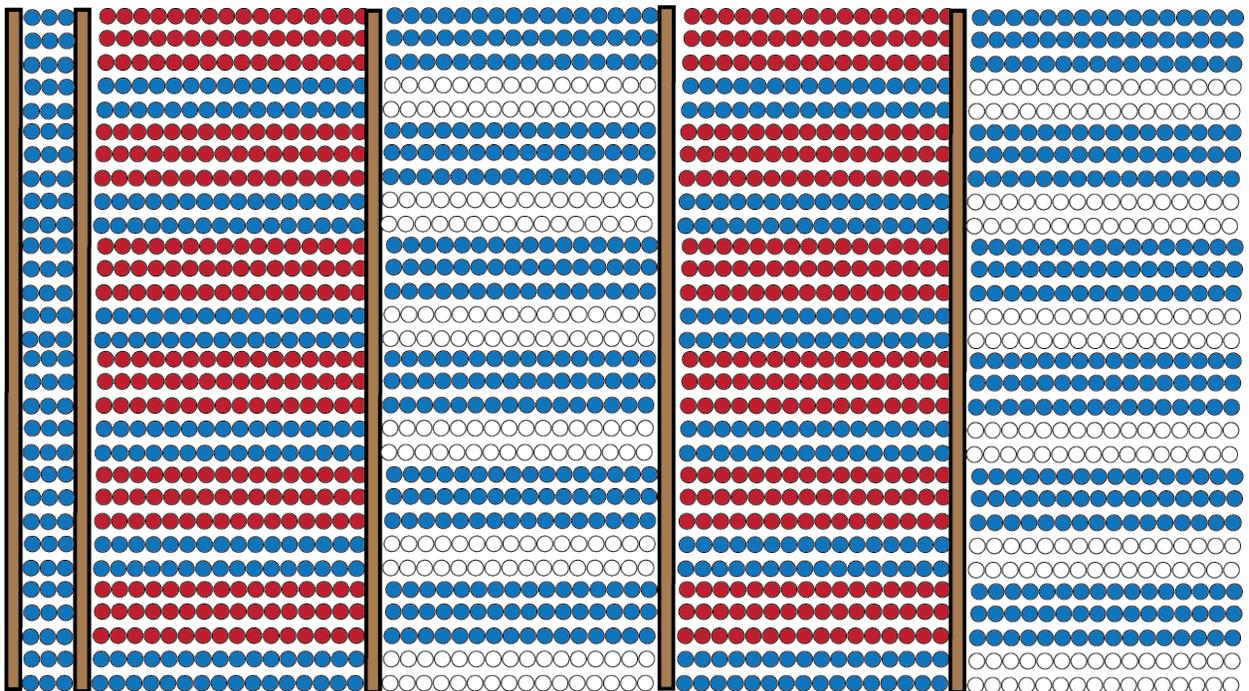
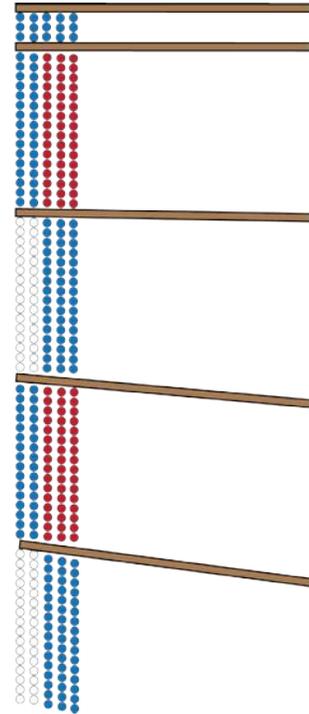
4.5" Strip of deer leather

22 Red

4.5" Strip of deer leather

20 White

Continue the beading pattern until you have 30 columns of beads.



Follow bead counts for each column carefully.

Columns 6, 7: Bead

4.5" Strip of deer leather
3 Blue
4.5" Strip of deer leather
17 Blue
4.5" Strip of deer leather
21 White
4.5" Strip of deer leather
23 Blue
4.5" Strip of deer leather
21 White

Columns 11, 12: Bead

4.5" Strip of deer leather
3 Blue
4.5" Strip of deer leather
19 Blue
4.5" Strip of deer leather
24 White
4.5" Strip of deer leather
25 Blue
4.5" Strip of deer leather
24 White

Columns 16, 17: Bead

4.5" Strip of deer leather
3 Blue
4.5" Strip of deer leather
21 Blue
4.5" Strip of deer leather
27 White
4.5" Strip of deer leather
27 Blue
4.5" Strip of deer leather
27 White

Columns 23, 24, 25: Bead

4.5" Strip of deer leather
3 Blue
4.5" Strip of deer leather
24 Red
4.5" Strip of deer leather
29 White
4.5" Strip of deer leather
29 Red
4.5" Strip of deer leather
29 White

Columns 8, 9: Bead

4.5" Strip of deer leather
3 Blue
4.5" Strip of deer leather
18 Red
4.5" Strip of deer leather
22 White
4.5" Strip of deer leather
24 Red
4.5" Strip of deer leather
22 White

Columns 13, 14: Bead

4.5" Strip of deer leather
3 Blue
4.5" Strip of deer leather
20 Red
4.5" Strip of deer leather
25 White
4.5" Strip of deer leather
26 Red
4.5" Strip of deer leather
25 White

Columns 18, 19, 20: Bead

4.5" Strip of deer leather
3 Blue
4.5" Strip of deer leather
22 Red
4.5" Strip of deer leather
28 White
4.5" Strip of deer leather
28 Red
4.5" Strip of deer leather
28 White

Columns 26, 27: Bead

4.5" Strip of deer leather
3 Blue
4.5" Strip of deer leather
25 Blue
4.5" Strip of deer leather
29 White
4.5" Strip of deer leather
30 Blue
4.5" Strip of deer leather
29 White

Column 10: Bead

4.5" Strip of deer leather
3 Blue
4.5" Strip of deer leather
18 Red
4.5" Strip of deer leather
23 White
4.5" Strip of deer leather
24 Red
4.5" Strip of deer leather
23 White

Column 15: Bead

4.5" Strip of deer leather
3 Blue
4.5" Strip of deer leather
20 Red
4.5" Strip of deer leather
26 White
4.5" Strip of deer leather
26 Red
4.5" Strip of deer leather
26 White

Columns 21, 22: Bead

4.5" Strip of deer leather
3 Blue
4.5" Strip of deer leather
24 Blue
4.5" Strip of deer leather
29 White
4.5" Strip of deer leather
29 Blue
4.5" Strip of deer leather
29 White

Columns 28, 29, 30: Bead

4.5" Strip of deer leather
3 Blue
4.5" Strip of deer leather
26 Red
4.5" Strip of deer leather
29 White
4.5" Strip of deer leather
30 Red
4.5" Strip of deer leather
29 White



Beaders studying the ancestral regalia in the Alutiiq Museum.

Back row: Natalia Schneider, Hanna Sholl, Chelsea Dallal, Cien Hoen, Candace Branson, Diana Velez.

Front row: Leona Haakanson-Crow, June Pardue, Melinda Abyo, Kayla Christiansen, Ashley DeHart, Cheryl Lacy, Mary Jane Longrich. Watercolor by Cheryl Lacy and Hanna Sholl.



Alutiiq MUSEUM

ARCHAEOLOGICAL
REPOSITORY

Celebrating heritage through living culture—the Alutiiq Museum.