Classic Family Hats

Designed by John Crane for *skacel collection, Inc.*

Instructions are color-coded for {**HiKoo**® *Llamor*} and [**HiKoo**® *Kenzie*]. For those using black and white printers, curly brackets { } surround instructions for {**HiKoo**® *Llamor*}, and square brackets [ ] surround instructions for [**HiKoo**® *Kenzie*].

SKILL LEVEL:

SIZES and MATERIALS:

Sizes: Infant (Child-Sm, Child-Lg, Adult-Sm, Adult-Med, Adult-L, Adult-XL)

To Fit: Approx Head Circumference: 18" (19", 20", 21", 22", 23", 24")

Featured Yarns: {**HiKoo**® *Llamor*, 100% Baby Llama; 109 yds / 50 g ball};[**HiKoo**® *Kenzie*, 50% New Zealand Merino, 25% Nylon, 10% Angora, 10% Alpaca, 5% Silk Noils; 160 yds / 50 g skein].

Yarn Quantity Needed: This pattern requires as few as three (3) {balls}/[skeins] or as many as six (6) {balls}/[skeins] of yarn, depending on Gauge, hat size, and CC usage. As a general rule:

　　MC = 2 {balls} or [skeins]

　　CC1, CC2, CC3, CC4 = 1 {ball} or [skein] of each *different* color

　　　Note: See last page for samples and for yarn equivalents.

addi Needles & Notions:

{3.5 mm (approx US 4) 16" circular needle}　　　　　[4.0 mm (approx US 6) 16" circular needle]

{3.75 mm (approx US 5) 16" circular needles}　　　　[4.5 mm (approx US 7) 16" circular needle]

{3.75 mm (approx US 5) DPNs (set of 3 needed)}　　　[4.5 mm (approx US 7) DPNs (set of 3 needed)]

　or sizes needed to obtain gauge

Crochet hook of similar size to the needles (for provisional cast on), tapestry needle, waste yarn, stitch markers

　　　　All yarn and needles distributed by **skacel collection, Inc.**

GAUGE:

{25 sts and 28 rows over 4" x 4"
(10 cm x 10cm) in St st on larger needle}

[21 sts and 31 rows over 4" x 4"
(10 cm x 10 cm) in St st on larger needle]

*To save time, check your gauge
and read all instructions thoroughly before
beginning.*

INSTRUCTIONS:

Fit: This hat is very stretchy and is sized to sit gently on the head in order to minimize "hat hair". If you prefer a snug fit, work the next smaller size. If the recipient has a lot of hair and/or prefers a loose hat, work the next larger size. If you prefer a taller, "slouchy" hat, add more rounds to the helical crown (as noted in the pattern).

Construction: This hat features a double layered, ribbed cuff with a tubular cast on that creates a stretchy and attractive edge. The crown is worked with helical knitting, creating jogless stripes, and the top has an unusual and fun-to-knit gathering and bind off.

skacel collection, Inc.

#21100600

__Designer Notes:__ *Designed for the whole family - infants to elders - this hat pattern offers seven different sizes. The 4-row helical pattern allows for multiple combinations of colors and stripes, including single-, double-, or triple-row stripes, while using contrasting or analogous color schemes (to name a few). For example, when the MC, CC1, & CC4 use the same color, and CC2 & CC3 use a single, very different, high-contrast color, the resulting hat has 2-color, 2-row stripes. However, if these same two colors are rearranged, so that the first color is used for CC1 & CC3 and the second color is used for CC2 & CC4, then the hat will have single-row stripes! Obviously, the possible combinations are many!*

Tubular Cast On:

__Note:__ *Instructions are color-coded for {__HiKoo®__ __Llamor__} and [__HiKoo®__ __Kenzie__]. For those unable to print in color, curly brackets { } surround instructions for {__HiKoo®__ Llamor}, and square brackets [ ] surround instructions for [__HiKoo®__ Kenzie].*

Using waste yarn, the larger circular needle, and a Provisional Cast On, cast on {50 (54, 58, 62, 66, 70, 74)}; [38 (42, 46, 50, 54, 58, 62)] sts.

Rows 1 & 3: Using MC, knit all sts.

Rows 2 & 4: Purl all sts.

Remove Provisional Cast On, and move all sts to smaller circular needle, making sure all sts are correctly oriented on the needle for working.

Row 5: With WS facing you, place smaller needle (with cast on edge) parallel to and behind the larger circular needle (which holds the Row 4 sts and the working yarn). Using the smaller circular needle, knit the first st on the front (larger) needle, then purl the first st on the back (smaller) needle. Continue alternating sts between front needle (knit) and back needle (purl) until all sts have been worked – original stitch count now doubled = {100 (108, 116, 124, 132, 140, 148)}; [76 (84, 92, 100, 108, 116, 124)] sts.

Ribbed Cuff:

Join the work in the rnd, being careful not to twist sts. Place a marker to note the beginning of the round.

Rnd 6: (K1, p1) to end of rnd, establishing 1 x 1 Ribbing.

Rep Rnd 6 until cuff meas 2" (2.25", 2.5", 2.75", 3", 3.25", 3.5") from cast on edge.

Next Rnd: Knit all sts (this will create a fold line).

Rep Rnd 6 until cuff meas 3.5" (4", 4.5", 5", 5.5", 6", 6.5") from cast on edge. *__Switch to the larger circular needle.__*

Decrease Rnd: Knit all sts, *__while at the same time__*, k2tog {16 (18, 20, 22, 24, 26, 28)}; [10 (12, 14, 16, 18, 20, 22)] times at approx even intervals = {84 (90, 96, 102, 108, 114, 120)}; [66 (72, 78, 84, 90, 96, 102)] sts.

Work the Crown with Helical Knitting:

__Notes: 1)__ *When picking up the next yarn to be worked, tug it __very__ gently, as the previous stitch with this yarn is not over a needle and needs to be sized as if it were. Tugging too tightly will pucker the fabric; so better too loose than too tight. __2)__ To avoid tangling the yarns while helical knitting, place each of the four balls in its own re-closable plastic bag and label them CC1, CC2, CC3, CC4. Line the four bags beside you in order, and as you switch from one yarn to the next, bring the new yarn to the "front of the line".*

Drop MC yarn, attach CC1 yarn and {k28 (30, 32, 34, 36, 38, 40)}; [k22 (24, 26, 28, 30, 32, 34)] sts, PM.

Drop CC1 yarn, attach CC2 yarn and {k28 (30, 32, 34, 36, 38, 40)}; [k22 (24, 26, 28, 30, 32, 34)] sts, PM.

Drop CC2 yarn, attach CC3 yarn and {k28 (30, 32, 34, 36, 38, 40)}; [k22 (24, 26, 28, 30, 32, 34)] sts, SM.

Drop CC3 yarn, attach CC4 yarn and {k28 (30, 32, 34, 36, 38, 40)}; [k22 (24, 26, 28, 30, 32, 34)] sts, SM.

Drop CC4 yarn, pick up CC1 yarn and {k28 (30, 32, 34, 36, 38, 40)}; [k22 (24, 26, 28, 30, 32, 34)] sts, SM.

For a standard hat, continue helical knitting until hat meas 8.25" (9", 9.75", 10.5", 11.25", 12", 12.75") from cast on edge, ending at the rnd marker.

For a slouchy hat, continue helical knitting until hat meas 9" (10", 11", 12", 13", 14", 15") or to desired height.

Remove all stitch markers except the marker for the beginning of the round. Keeping only the current working yarn, break the other three yarns, leaving 12" tails to weave in.

Decrease Rnd: Knit all sts *while at the same time*, k2tog {0 (6, 0, 6, 0, 6, 0)}; [6 (0, 6, 0, 6, 0, 6)] times at intervals of {0 (15, 0, 17, 0, 19, 0)}; [11 (0,13, 0, 15, 0, 17)] sts = {84 (84, 96, 96, 108, 108, 120)}; [60 (72, 72, 84, 84, 96, 96)] sts.

Closing the Crown:
Place a marker every {7 (7, 8, 8, 9, 9, 10)}; [5 (6, 6, 7, 7, 8, 8)] sts to create 12 equal sections of sts *(see Diagram A).*
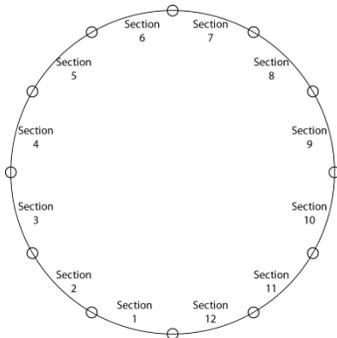
Diagram A

Using a tapestry needle, thread half of the total sts (those in Sections 1 - 6) onto one piece of waste yarn, then move the second half of the sts (those in Sections 7 - 12) onto a second piece of waste yarn. Remove the circular needle from all the sts.

Turn the hat inside out to continue working on the WS*.* The numbered sections now appear reversed from the way they were oriented when the stitch markers were placed *(see Diagram B).*
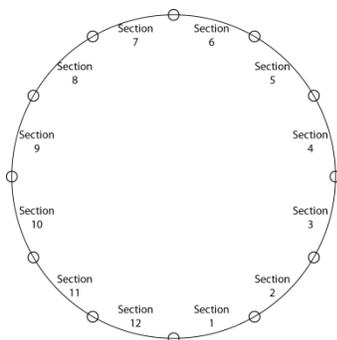
Diagram B

Diagram C shows how adjacent sections will be pinched together for closing the top and binding off all sts. The three separate steps are described and illustrated below in *Diagrams D, E,* and *F.*

Diagram C
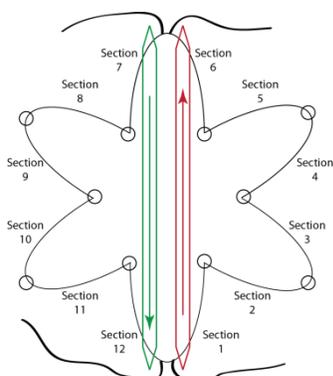
Working from the end of Section 1 where the waste yarn exits, pick up the sts from Section 1, ending at the marker between Section 1 and 2. Continue picking up sts from Section 6 beginning at the marker between Section 5 and 6, and work toward the end of Section 6, where the waste yarn exits the section. Snug these sections together at the center of the DPN as shown in *Diagram D.*
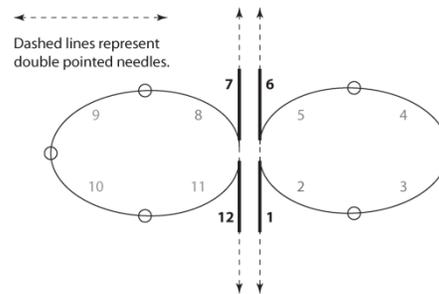
Diagram D

Place the sts from Section 7 and Section 12 together onto a second DPN and snug those sts together toward the center of the needle, using the same pick up method as for the first two sections. The working yarn will be at the outside end of the DPNs, ready to join together and bind off the sts from Sections 1 and 12 and then Sections 6 and 7. Remove the waste yarn from these four sections only.

Using a third DPN and the working yarn, bind off all sts on both needles using the Three Needle Bind Off *(see Techniques).* At the center of the two groups of sts, make sure to snug them tightly together as they are bound off. Break the working yarn, leaving a 12" tail to weave in.

Place the sts from Section 2 and Section 9 together onto one DPN and snug them together toward the center of the needle. Place sts from Section 3 and Section 8 together onto a second DPN and snug them together toward the center of the needle. Remove the waste yarn from these four sections *(see Diagram E).*
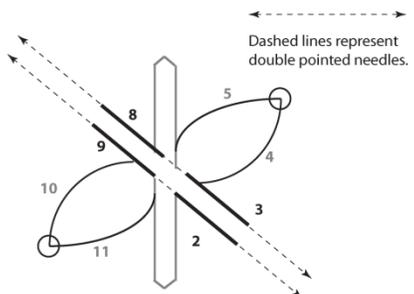
Diagram E

Using a third DPN and yarn of your choice, bind off all sts on both needles using the Three Needle Bind Off. As before, make sure to snug them tightly together as they are bound off.
Break yarn, leaving a 12" tail to weave in.

Move the sts from Section 4 and Section 11 onto one DPN and snug them together toward the center of the needle. Move the sts from Section 5 and Section 10 together onto a second DPN and snug them together toward the center of the needle as shone in *Diagram F.* Remove the waste yarn from these four sections.
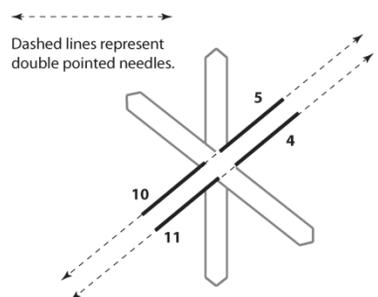
Diagram F

3

Using a third DPN and yarn of your choice, bind off all sts on both needles using the Three Needle Bind Off. As before, snug the two groups of sts tightly together as they are bound off. Break yarn, leaving a 12" tail to weave in.

Finishing:

Weave in all ends on WS. Turn hat right side out. Block gently, if desired. The finished hat may be worn without further embellishment, or a pompom or tassel may be attached to the top.

ABBREVIATIONS:

approx	approximately
CC1	Coordinating Color 1
CC2	Coordinating Color 2
CC3	Coordinating Color 3
CC4	Coordinating Color 4
DPN(s)	Double Pointed Needle(s)
k	knit
k2tog	knit 2 together
MC	Main Color
meas	measures
p	purl
PM	Place Marker
rep	repeat
rnd(s)	round(s)
RS	Right (public) Side
SM	Slip Marker
st(s)	stitch(es)
St st	Stockinette Stitch
WS	Wrong (private) Side

TECHNIQUES:

Three Needle Bind Off:

With the right sides of 2 pieces facing each other, and with the two working needles parallel to each other in the left hand, insert a third needle (right hand needle) into the first stitch on each parallel needle and knit these 2 stitches together. *Knit together the first stitch on each parallel needle again, then slip the first stitch made on the right needle over the second stitch and off the needle (one stitch bound off); rep from * until all the stitches are bound off. Pull the tail through the last stitch and weave in.

Color Options Shown: *This 4-row helical pattern was used with the following colors and designations to create the stripe sequences shown. Yarn information in* Red *(in the left column) is for hats knit in* **HiKoo**® *Llamor. Information in* Blue *(in the right column) is for hats knit in* **HiKoo**® *Kenzie.*

Child (Large / 20"):
Two (2) balls of *Llamor #1752 (Sweet Potato):* (MC, CC1 & CC4)
One (1) ball of *Llamor #1753 (Forest):* (CC2 & CC3)

Infant (18"):
Two (2) balls of *Kenzie #1010 (Glacier):* (MC, CC1, & CC4)
One (1) ball of *Kenzie #1022 (Ruapehu):* (CC2 & CC3)

Adult (Small / 21"):
Two (2) balls of *Llamor #1750 (Cochineal):* (MC, CC1 & CC3)
One (1) ball of *Llamor #1755 (Pink):* (CC2 & CC4)
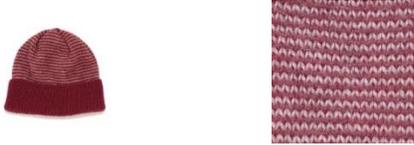
Adult (Medium / 22"):
Two (2) balls of *Kenzie #1005 (Bayberry):* (MC, CC1 & CC4)
One (1) ball of *Kenzie #1025 (Elegan):* (CC2)
One (1) ball of *Kenzie #1006 (Kumara):* (CC3)

Adult (Medium / 22"):
Two (2) balls of *Llamor #1777 (Purple Corn):* (MC)
One (1) ball of *Llamor #1772 (The Sea):* (CC1)
One (1) ball of *Llamor #1771 (Grassy):* (CC2)
One (1) ball of *Llamor #1775 (Hot Pink):* (CC3)
One (1) ball of *Llamor #1770 (Sunshine):* (CC4)

Adult (Medium / 22"):
Two (2) balls of *Kenzie #1015 (Boysenberry):* (MC, CC1, & CC4)
One (1) ball of *Kenzie #1029 (Hebes):* (CC2 & CC3)

Adult (Medium / 22"):
Two (2) balls of *Llamor #1756 (Blue):* (MC, CC1 & CC2)
One (1) ball of *Llamor #1751 (Turquoise):* (CC3 & CC4)

Adult (Large / 23"):
Two (2) balls of *Kenzie #1026 (Kea):* (MC, CC1, & CC4)
One (1) ball of *Kenzie #1000 (Pavlova):* (CC2 & CC3)

Adult (Large / 23"):
Two (2) balls of *Llamor #1702 (Coal):* (MC, CC1, & CC3)
One (1) ball of *Llamor #1706 (Light Grey):* (CC2)
One (1) ball of *Llamor #1701 (Stone):* (CC4)

Adult (Large / 23"):
Three (3) balls of *Kenzie #1024 (Hokitika):* (MC, CC2, CC3, &CC4)
One (1) ball of *Kenzie #1025 (Elegan):* (CC1)

Adult (Large / 23"):
Two (2) balls of *Kenzie #1000 (Pavlova):* (MC, CC1, & CC4)
One (1) ball of *Kenzie #1007 (Kiwi Fruit):* (CC2 & CC3)

Slouchy Adult (Large / 23"):
Two (2) balls of *Llamor #1773 (Pool):* (MC)
One (1) ball of *Llamor #1775 (Hot Pink):* (CC1 & CC2)
One (1) ball of *Llamor #1771 (Grassy):* (CC3 & CC4)

Slouchy Adult (Large / 23"):
Three (3) balls of *Kenzie #1017 (Kiwano):* (MC, CC1, & CC3)
One (1) ball of *Kenzie #1028 (Lupin):* (CC2 & CC4)