MATERIALS & INFO

Yarn –1 skein Cascade 220 (100g 220yd)

Gauge - 20x28sts per 4x4in or 10x10cm

Needles – 7 (4.5mm) circular and/or dpn

Sizes – (newborn, baby), (toddler, child), (small adult, large adult)

Head Measurement – (30-35, 35-40), (40-45, 45-50), (50-55, 55-60) cms or (12-14, 14-16), (16-18, 18-20), (20-22, 22-24) ins

Other –yarn needle, optional – fur pompom

Dathan is my oldest son's middle name so this design is dedicated to him.

The geometric lines are pleasing for the math minded knitter. It is a fantastic hat for a beginning knitter.

Abbreviations can be found at the end of the pattern.

NEWBORN

Cast on 60 using your favorite stretchy cast on.

Join in the round.

Rounds 1-9 – [k3, p3] around

Round 10 – knit around

Round 11 – [p3, k3] around

Round 12 – knit around

Round 13 – repeat round 11

Repeat rounds 12 & 13 3 more times

Round 20 – knit around

Round 21 – [k3, p3] around

Round 22 – knit around

Round 23 – repeat round 21

Repeat rounds 22 & 23 3 more times

Repeat rounds 10 thru 29 until your work measures appx 4ins (10cms) ending after completing a round 10 or 20.

Switch to dpn when necessary.

DECREASES

Round 1 – [k2tog, k1] around (40sts)

Round 2 – knit around

Round 3 – [k2tog] around (20sts)

Round 4 – knit around

Round 5 - [k2tog] around (10sts)

Round 6 – knit around

Round 7 – [k2tog] around (5sts)

Do not bind off. Cut yarn leaving appx -10ins. Pull yarn through remaining stitches and cinch the top tight. Weave in ends. Block as desired.

BABY

Cast on 72 using your favorite stretchy cast on.

Join in the round.

Rounds 1-9 – [k3, p3] around

Round 10 – knit around

Round 11 – [p3, k3] around

Round 12 – knit around

Round 13 – repeat round 11

Repeat rounds 12 & 13 3 more times

Round 20 – knit around

Round 21 – [k3, p3] around

Round 22 – knit around

Round 23 – repeat round 21

Repeat rounds 22 & 23 3 more times

Repeat rounds 10 thru 29 until your work measures appx 5ins (12.5cms) ending after completing a round 10 or 20.

Switch to dpn when necessary.

DECREASES

Round 1 – [k2tog, k1] around (48sts)

Round 2 – knit around

Round 3 – [k2tog] around (24sts)

Round 4 – knit around

Round 5 - [k2tog] around (12sts)

Round 6 – knit around

Round 7 – [k2tog] around (6sts)

Do not bind off. Cut yarn leaving appx -10ins. Pull yarn through remaining stitches and cinch the top tight. Weave in ends. Block as desired.

TODDLER

Cast on 78 using your favorite stretchy cast on.

Join in the round.

Rounds 1-9 – [k3, p3] around

Round 10 – knit around

Round 11 – [p3, k3] around

Round 12 – knit around

Round 13 – repeat round 11

Repeat rounds 12 & 13 3 more times

Round 20 – knit around

Round 21 – [k3, p3] around

Round 22 – knit around

Round 23 – repeat round 21

Repeat rounds 22 & 23 3 more times

Repeat rounds 10 thru 29 until your work measures appx 6ins (15cms) ending after completing a round 10 or 20.

Switch to dpn when necessary.

DECREASES

Round 1 – [k2tog, k1] around (52sts)

Round 2 – knit around

Round 3 – [k2tog] around (26sts)

Round 4 – knit around

Round 5 - [k2tog] around (13sts)

Round 6 – knit around

Round 7 – [k2tog] around to last stitch k1 (7sts)

Do not bind off. Cut yarn leaving appx -10ins. Pull yarn through remaining stitches and cinch the top tight. Weave in ends. Block as desired.

CHILD

Cast on 90 using your favorite stretchy cast on.

Join in the round.

Rounds 1-9 – [k3, p3] around

Round 10 – knit around

Round 11 – [p3, k3] around

Round 12 – knit around

Round 13 – repeat round 11

Repeat rounds 12 & 13 3 more times

Round 20 – knit around

Round 21 – [k3, p3] around

Round 22 – knit around

Round 23 – repeat round 21

Repeat rounds 22 & 23 3 more times

Repeat rounds 10 thru 29 until your work measures appx 7ins (17.5cms) ending after completing a round 10 or 20.

Switch to dpn when necessary.

DECREASES

Round 1 – [k2tog, k1] around (60sts)

Round 2 – knit around

Round 3 – [k2tog] around (30sts)

Round 4 – knit around

Round 5 - [k2tog] around (15sts)

Round 6 – knit around

Round 7 – [k2tog] around to last stitch, k1 (8sts)

Do not bind off. Cut yarn leaving appx -10ins. Pull yarn through remaining stitches and cinch the top tight. Weave in ends. Block as desired.

SMALL ADULT

Cast on 102 using your favorite stretchy cast on.

Join in the round.

Rounds 1-9 – [k3, p3] around

Round 10 – knit around

Round 11 – [p3, k3] around

Round 12 – knit around

Round 13 – repeat round 11

Repeat rounds 12 & 13 3 more times

Round 20 – knit around

Round 21 – [k3, p3] around

Round 22 – knit around

Round 23 – repeat round 21

Repeat rounds 22 & 23 3 more times

Repeat rounds 10 thru 29 until your work measures appx 8ins (20cms) ending after completing a round 10 or 20.

Switch to dpn when necessary.

DECREASES

Round 1 – [k2tog, k1] around (68sts)

Round 2 – knit around

Round 3 – [k2tog] around (34sts)

Round 4 – knit around

Round 5 - [k2tog] around (17sts)

Round 6 – knit around

Round 7 – [k2tog] around to last stitch, k1 (9sts)

Do not bind off. Cut yarn leaving appx -10ins. Pull yarn through remaining stitches and cinch the top tight. Weave in ends. Block as desired.

LARGE ADULT

Cast on 108 using your favorite stretchy cast on.

Join in the round.

Rounds 1-9 – [k3, p3] around

Round 10 – knit around

Round 11 – [p3, k3] around

Round 12 – knit around

Round 13 – repeat round 11

Repeat rounds 12 & 13 3 more times

Round 20 – knit around

Round 21 – [k3, p3] around

Round 22 – knit around

Round 23 – repeat round 21

Repeat rounds 22 & 23 3 more times

Repeat rounds 10 thru 29 until your work measures appx 9ins (22.5cms) ending after completing a round 10 or 20.

Switch to dpn when necessary.

DECREASES

Round 1 – [k2tog, k1] around (72sts)

Round 2 – knit around

Round 3 – [k2tog] around (36sts)

Round 4 – knit around

Round 5 - [k2tog] around (18sts)

Round 6 – knit around

Round 7 – [k2tog] around (9sts)

Do not bind off. Cut yarn leaving appx -10ins. Pull yarn through remaining stitches and cinch the top tight. Weave in ends. Block as desired.

ABBREVIATIONS
k - knit
P – purl
sl – slip stitch
st - stitch
k2tog -knit 2 stitches together