

# Seedling to Sapling Growth Chart



Classroom Size (right)



©Crystal Bucholz  
crystal@crystalized-designs.com

[www.crystalized-designs.com](http://www.crystalized-designs.com)

[Shop](#) [Blog](#) [Facebook](#)  
[Craftsy](#) [Etsy](#) [Ravelry](#) [Storenvy](#)

## Materials



- o Yarn: Loops & Threads Impeccable; colors: Chocolate (Big!), Earth (Big!), Deep Forest(2), Forest(2), Fern(2), Heather (1), Cherry (1), Glitter Sterling (1)
- o Hook: Boye N-9.00mm  
Boye J/10-6.00mm  
Boye H/8-5.00mm  
Boye G/6-4.25mm
- o Stitch Marker (if needed)
- o Clips/hooks (optional)

### Watch them grow through the seasons!

Seedling to Sapling Growth Chart is perfect for those youngsters! This chart comes in two sizes, classroom and home, as well as changes with the seasons! Instructions will include summer leaves, fall leaves, and snow to cover the branches. Hang apple appliques on the leaves and take one off after each month to count down to summer! How will you mark the child's height? Crochet a spile (a spout used to collect syrup from trees) to mark heights! After all, children are always as sweet as syrup, right?? Not only is it a great teaching tool about the seasons, many art activities can revolve around the tree!



INTERMEDIATE



## Sizing

- Gauge (not critical):  
Tree Trunk J hook  
10 dc, 7 rows = 4"
- Each piece should be approximately the following sizes:

Size	Length	Width
Tree	75"	47" @ widest
Leaf Bunch	7.5"	8.5"
Leaf Filler	17"	16"
Lg Apple	4"	3.5"
Sm Apple	3"	2.5"

## Pattern Key

- Ch: Chain
- Sc: Single crochet
- Hdc: Half double crochet
- Dc: Double crochet
- Dc2tog: Double crochet 2 together
- Dc3tog: Double crochet 3 together
- Dc4tog: Double crochet 4 together
- Sk: Skip
- St(s): Stitch(es)
- \* \*: Repeat instructions between symbols until indicated
- [ ]: Repeat instructions all in one stitch

*You are free to sell your work from this pattern but may not share, copy or reproduce this pattern, in part or in whole. Photographs are copyright protected and may not be used. When selling your work, include a link back to this pattern as well as the following, "Pattern by Crystalized Designs"*

**THANK YOU FOR YOUR PURCHASE!!!**

**Special Pattern Notes:** Beginning chains do not count as a stitch. Always work the first stitch into turning stitch unless noted. Join to first stitch of each round unless noted.

### Pattern Instructions

**Spile (Spout)** ~ Make as many as needed.

These will be your markers for each child's height.

(You will be working in the round continuously for the first 2 rounds. Use stitch marker if needed.)



With brown yarn and G hook, magic circle

Round 1: Ch 1, 7 sc in circle (7 sts)

Round 2: 2 sc in each st around (14 sts)

Slst in next switching to grey yarn. You will now be joining your work.

Round 4: Ch 1, working in BLO entire round, sc in each st around, join (14 sts)

Round 5: Ch 1, sc in each st around, join (14 sts)

You will now be working back and forth in rows.

Row 1: Ch 1, sc in next st, sc in next 5, slst in next (6 sc)

Row 2: Turn, slst in next, sc in next 4, slst in next (4 sc)

Row 3: Turn, slst in next, sc next 2, slst in next (2 sc)

Row 4: Turn, slst in next, ch 3, slst in next, sc evenly around, work 5 sc in ch 3 sp, join

Finish off and weave in ends.

**Trunk**

With J hook and Chocolate, Ch 72

Row 1: (RS) Starting in 3rd ch, dc across (70 sts)

Row 2: (WS) Ch 2, turn, dc across (70 sts)

Row 3: Repeat Row 2

Row 4: Ch 2, turn, dc2tog, dc next 66, dc2tog (68 sts)

Row 5-9: Ch 2, turn, dc across (68 sts)

Row 10: Ch 2, turn, dc2tog, dc next 64, dc2tog (66 sts)

Row 11-15: Ch 2, turn, dc across (66 sts)

Row 16: Ch 2, turn, dc2tog, dc next 62, dc2tog (64 sts)

Row 17-21: Ch 2, turn, dc across (64 sts)

Row 22: Ch 2, turn, dc2tog, dc next 60, dc2tog (62 sts)

Row 23-27: Ch 2, turn, dc across (62 sts)

Row 28: Ch 2, turn, dc2tog, dc next 58, dc2tog (60 sts)

Row 29-33: Ch 2, turn, dc across (60 sts)

Row 34: Ch 2, turn, dc2tog, dc next 56, dc2tog (58 sts)

Row 35-39: Ch 2, turn, dc across

Row 40: Ch 2, turn, dc2tog, dc next 54, dc2tog (56 sts)

Row 41-45: Ch 2, turn, dc across (56 sts)

Row 46: Ch 2, turn, dc2tog, dc next 52, dc2tog (54 sts)

Row 47-51: Ch 2, turn, dc across (54 sts)

Row 52: Ch 2, turn, dc2tog, dc next 50, dc2tog (52 sts)

Row 53-57: Ch 2, turn, dc across (52 sts)

Row 58: Ch 2, turn, dc2tog, dc next 48, dc2tog (50 sts)

Row 59: Ch 2, turn, dc in same and next 48, 3 dc in next (52 sts)

Row 60: Ch 2, turn, 3 dc in same, dc next 51 (54 sts)

Row 61: Ch 2, turn, dc in same and next 52, 3 dc in next (56 sts)

Row 62: Ch 2, turn, 3 dc in same, dc next 55 (58 sts)

Row 63: Ch 2, turn, dc in same and next 56, 3 dc in next (60 sts)

Row 64: Ch 2, turn, 3 dc in same, dc next 59 sts (62 sts)

Row 65: Ch 2, turn, dc in same and next 60, 3 dc in next (64 sts)

Row 66: Ch 2, turn, 3 dc in same, dc next 63 sts (66 sts)

Row 67: Ch 2, turn, dc in same and next 64, 3 dc in next (68 sts)

Row 68: Ch 2, turn, 3 dc in same, dc next 66, 3 dc in next (72 sts)

Row 69: Ch 2, turn, 3 dc in same, 48, dc2tog (52 sts- The remaining 21 unworked sts will be Branch 5.)

Row 70: Ch 2, turn, dc in same and next 50, 3 dc in next (54 sts)

Row 71: Ch 2, turn, 3 dc in same, dc next 53 (56 sts)

Row 72: Ch 2, turn, dc in same and next 35, dc2tog (37 sts- The remaining 18 unworked sts will be Branch 4.)

Row 73: Ch 2, turn, dc in same and next 35, 2 dc in next (38 sts)

Row 74: Ch 2, turn, 2 dc in same, dc next 37 (39 sts)

Row 75: Ch 2, turn, dc in same and next 37, 2 dc in next (40 sts)

Row 76: Ch 2, turn, 2 dc in same, dc next 39 (41 sts)

Row 77: Ch 2 turn, dc2tog using same and next st, dc next 27, dc2tog (29 sts- The remaining 10 unworked sts will be branch 3.)



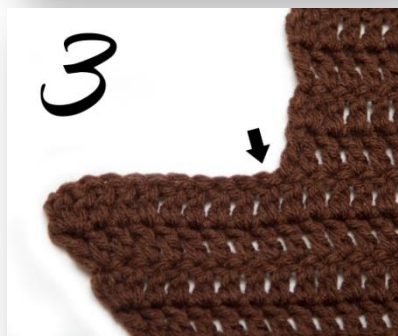
Row 78: Ch 2, turn, dc in same and next 28 (29 sts)

Row 79: Repeat Row 78

Do not finish off. From here on out you will be working the branches. The remaining unworked sts after working Row 1 of Branch 1 will become Branch 2.

## Branches

Directly below you will find a picture of the tree trunk with the branches labeled. To the right, you will find where to start each separate branch.



**Branch 1**

Row 1: Ch 2, turn, dc in same and next 16 (17 sts)

Row 2: Repeat Row 1

Row 3: Ch 2, turn, 2 dc in same, dc next 14, dc2tog (17 sts)

Row 4: Ch 2, turn, dc in same and next 16 (17 sts)

Row 5: Repeat Row 3

Row 6: Ch 2, dc2tog using same and next, dc next 15 (16 sts)

Row 7: Ch 2, turn, dc in same and next 13, dc2tog (15 sts)

Row 8: Ch 2, turn, dc in same and next 14 (15 sts)

Row 9: Ch 2, turn, dc in same and next 12, dc2tog (14 sts)

Row 10: Ch 2, turn, dc in same and next 13 (14 sts)

Row 11: Repeat Row 10

Row 12: Repeat Row 10

Row 13: Ch 2, turn, dc in same and next 11, dc2tog (13 sts)

Row 14: Ch 2, turn, dc in same and next 12 (13 sts)

Row 15: Ch 2, turn, dc in same and next 10, dc2tog (12 sts)

Row 16: Ch 2, turn, dc in same and next 11 (12 sts)

Row 17: Ch 2, turn, dc in same and next 9, dc2tog (11 sts)

Row 18: Ch 2, turn, dc in same and next 10 (11 sts)

Row 19: Ch 2, turn, dc in same and next 8, dc2tog (10 sts)

Row 20: Ch 2, turn, dc in same and next 9 (10 sts)

Row 21: Ch 2, turn, dc in same and next 7, dc2tog (9 sts)

Row 22: Ch 2, turn, dc in same and next 8 (9 sts)

Row 23: Ch 2, turn, 2 dc in same, dc next 4, 2 dc2tog (8 sts)

Row 24: Ch 2, turn, dc2tog using same and next, dc2tog, dc next 3, 2 dc in next (7 sts)

Row 25: Ch 2, turn, 2 dc in same, dc next 2, 2 dc2tog (6 sts)

Row 26: Ch 2, turn, dc2tog using same and next, dc2tog, dc next, 2 dc in next (5 sts)

Row 27: Ch 2, turn, 2 dc in same, 2 dc2tog (4 sts)

Row 28: Ch 2, turn, dc3tog using same st and next 2, 2 dc in next (3 sts)

Row 29: Ch 2, turn, 2 dc in same, dc2tog

Row 30: Ch 2, turn, dc3tog using same and next 2 (1 st)

Finish off and weave in ends.

## Branch 2

With the wrong side of Row 79 of the Trunk facing you, join yarn to the first unworked stitch on the **right** of that row. See picture below.

Row 1: Ch 2, dc2tog using same and next, dc next 9, 3 dc in next (13 sts)

Row 2: Ch 2, turn, 2 dc in same, dc next 10, dc2tog (13 sts)

Row 3: Ch 2, turn, dc2tog using same and next, dc next 11 (12 sts)

Row 4: Ch 2, turn, dc in same and next 11 (12 sts)

Row 5: Ch 2, turn, dc in same and next 11 (12 sts)

Row 6: Ch 2, turn, dc in same and next 9, dc2tog (11 sts)

Row 7: Ch 2, turn, dc2tog using same and next, dc2tog, dc next 6, 2 dc in next (10 sts)

Row 8: Ch 2, turn, 2 dc in same, dc in next 5, 2 dc2tog (9 sts)

Row 9: Ch 2, turn, dc in same and next 8 (9 sts)

Row 10-12: Repeat Row 9

Row 13: Ch 2, turn, dc2tog using same and next, dc next 7 (8 sts)



Row 14: Ch 2, turn, dc in same and next 5, dc2tog (7 sts)

Row 15: Ch 2, turn, dc in same and next 6 (7 sts)

Row 16-17: Repeat Row 15

Row 18: Ch 2, turn, dc in same and next 4, dc2tog (6 sts)

Row 19: Ch 2, turn, dc in same and next 5 (6 sts)

Row 20: Ch 2, turn, dc in same and next 3, dc2tog (5 sts)

Row 21: Ch 2, turn, dc in same and next 4 (5 sts)

Row 22: Ch 2, turn, dc in same and next 2, dc2tog (4 sts)

Row 23: Ch 2, turn, dc in same and next 3 (4 sts)

Row 24: Ch 2, turn, dc in same and next, dc2tog (3 sts)

Row 25: Ch 2, turn, dc3tog

Finish off and weave in ends.

### Branch 3

With the wrong side of Row 77 of the Trunk facing you, join yarn to the first unworked stitch on the **right** of that row. See picture below.

Row 1: Ch 2, turn, dc2tog using same and next, dc next 7, 3 dc in next (11 sts)

Row 2: Ch 4, turn, hdc in 2nd ch, dc next 2 chs, dc2toog, dc next 4, 2 dc2tog, dc next (11 sts)

Row 3: Ch 2, turn, sk same, dc2tog, dc next 7, 3 dc in next (11 sts)

Row 4: Ch 4, turn, hdc in 2nd ch, dc next 2 chs, dc next 6, 2 dc2tog (11 sts)

Row 5: Ch 2, turn, sk same, 2 dc2tog, dc next 4, hdc next, sc next

Finish off and weave in ends.

**Branch 4**

With the wrong side of Row 72 of the Trunk facing you, join yarn to the first unworked stitch on the **right** of that row. See picture below.

Row 1: Ch 2, dc2tog using same and next st, dc next 19 (20 sts)

Row 2: Ch 30, turn, dc in 3rd ch, dc in next 27, dc2tog, dc next 14, 2 dc2tog (45 sts)

Row 3: Ch 2, turn, sk same, 2 dc2tog, dc next 11, dc2tog, dc next 8, 3 dc in next, dc next 16, dc2tog (42 sts)

Row 4: Ch 2, turn, sk same, dc2tog, dc next 15, 2 dc in next, dc next 8, dc3tog, dc next 8, 2 dc2tog (37 sts)

Row 5: Ch 2, turn, sk same, 2 dc2tog, dc next 4, dc3tog, dc2tog, dc next 6, 2 dc in next, dc next 14, dc2tog (31 sts)

Row 6: Ch 1, turn, sk same, sc next 4, hdc next 6, dc next 5, 2 dc in next, dc next 6, dc2tog, dc next 2, 2 dc2tog (28 sts)

Row 7: Ch 2, turn, sk same and next, dc next 10, 2 dc in next, dc next 4, hdc next 3, sc next 4, slst next

Finish off and weave in ends.

**Branch 5**

With the wrong side of Row 69 of the Trunk facing you, join yarn to the first unworked stitch on the **left** of that row.

Row 1: Ch 37, turn, dc in 3rd ch, dc in next 8 chs, 3 dc in next ch, dc next 11 chs, dc3tog over next 3 chs, dc in next 10 chs, dc2tog over next ch and dc, dc next 12, 2 dc2tog, sk next (49 sts)

Row 2: Ch 2, turn, sk same, 2 dc2tog, dc next 8, dc2tog, dc next 9, dc2tog, dc next 12, 3 dc in next, dc next 5, dc3tog, dc next, 3 dc in next (46 sts)

Row 3: Ch 2, turn, 2 dc in same, dc next, dc3tog, dc next 6, 3 dc in next, dc next 12, dc2tog, dc next 8, dc2tog, dc next 6, 2 dc2tog (43 sts)

Row 4: Ch 2, turn, sk same, 2 dc2tog, dc next 2, dc2tog, dc next 7, dc3tog, dc next 10, hdc next, sc next (25 sts)

Row 5: Ch 1, turn, sk same, sc next, hdc next, dc next 4, hdc next 3, dc3tog, dc next 6, 3 dc2tog (19 sts)

Finish off and weave in ends.

### **Leaf Bunches**

Green Leaves: Using N hook and each of the 3 greens, hold strands together when working. Make 4 bunches.

Earth Ombre Leaves: Using N hook and only 1 strand. Make 4 bunches.

Ch 13

Round 1: Starting in 2nd ch; sc, hdc next 2, dc next 6, hdc next 2, 3 sc in next, working down opposite side; hdc next 2, dc next 6, 2 sc in last, join (26 sts)

Round 2: Ch 1, 2 sc in same, sc next, hdc next 2, dc next 4, hdc next 2, sc next, 2 sc in next, sc in next, 2 sc in next, sc next, hdc next 2, dc next 4, hdc next 2, sc next, 2 sc in next, sc next, join (30 sts)

Round 3: Ch 1, sc in same, 2 sc in next, hdc next 3, dc next 5, hdc next 3, 2 sc in next, sc next 2, 2 sc in next, hdc next 3, dc next 5, hdc next 3, 2 sc in next, sc next, join (34 sts)

Round 4: Ch 1, sc in same, 2 hdc in next 2, dc next 11, 2 hdc in next 2, sc next 2, 2 hdc next 2, dc next 11, 2 hdc in next 2, sc next, join (42 sts)

Round 5: Ch 1, sc in same, hdc next 2, 2 hdc in next, hdc next, dc next 11, hdc next, 2 hdc in next, hdc next 2, sc next 2, hdc next 2, 2 hdc in next, hdc next, dc next 11, hdc next, 2 hdc in next, hdc next 2, sc next, join (46 sts)

Round 6: Ch 1, sc in same and next 2, 2 sc in next, 2 hdc in next, dc next 13, 2 hdc in next, 2 sc in next, sc next 6, 2

sc in next, 2 hdc in next, dc next 13, 2 hdc in next, 2 sc in next, sc next 3, join (54 sts)

Round 7: Ch 2, dc in same and next 2, 2 dc in next, dc next, 2 dc in next 2, dc next 6, 3 dc in next, dc next 6, 2 dc in next 2, dc next, 2 dc in next, dc next 6, 2 dc in next, dc next, 2 dc in next 2, dc next 6, 3 dc in next, dc next 6, 2 dc in next 2, dc next, 2 dc in next, dc next 3, join (70 sts)

Round 8: Ch 2, dc in same and next 6, 3 dc in next, dc next, 2 dc in next, dc next 7, 3 dc in next, dc next 7, 2 dc in next, dc next, 3 dc in next, dc next 14, 3 dc in next, dc next, 2 dc in next, dc next 7, 3 dc in next, dc next 7, 2 dc in next, dc next, 3 dc in next, dc next 7, join (86 sts)

Round 9: Ch 2, dc in same and next 7, 3 dc in next, dc next 12, 2 dc in next, dc next 12, 3 dc in next, dc next 16, 3 dc in next, dc next 12, 2 dc in next, dc next 12, 3 dc in next, dc next 8, join (96 sts)

Round 10: Ch 2, 5 dc in same, sk 2, slst next, sk 2, \*5 dc next, sk 2, slst next, sk 2\* repeat around, join (16 dc groups)

Finish off and weave in ends.

**Leaf Fillers** ~ Make as many of these as you want. I made 3 but only used the 2. By rearranging the leaves, you may need more to fill in the top to make it as rounded as possible.

Ch 9

Round 1: Starting in 2nd ch; sc, hdc next 2, dc next 2, hdc next 2, 3 sc in next, working down opposite side; hdc next 2, dc next 2, 2 sc in last, join (18 sts)

Round 2: Ch 1, 2 sc in same, 2 hdc in next, dc next 4, 2 hdc in next, 2 sc in next, sc next, 2 sc in next, 2 hdc in next, dc next 4, 2 hdc in next, 2 sc in next, sc next, join (26 sts)

Round 3: Ch 1, sc in same and next, 3 hdc in next, hdc next, dc next 2, 3 dc in next, dc next 2, hdc next, 3 hdc in next, sc next 4, 3 hdc in next, hdc next, dc next 2, 3 dc in next, dc next 2, hdc next, 3 hdc in next, sc next 2, join (38 sts)

Round 4: Ch 1, dc in same and next 2, 3 dc in next, dc next 5, 2 dc in next, dc next 5, 3 dc in next, dc next 6, 3 dc in next, dc next 5, 2 dc in next, dc next 5, 3 dc in next, dc next 3, join (48 sts)

Round 5: Ch 1, 5 hdc in same, sk 2, slst next, sk 2, \*5 hdc in next, sk 2, slst next, sk 2\* repeat around, join (8 hdc groups)

Finish off and weave in ends.

**APPLES** ~ Make as many as desired. I made 10; 1 for each month of the school year. They can be taken off after each month is over.



**Large Apple** ~ You will be working in the round continuously. Use stitch marker if needed.

With Red Yarn and H hook, magic Circle

Round 1: Ch 1, 8 sc in circle (8 sts)

Round 2: 2 sc in each st around (16 sts)

Round 3: \*sc in next, 2 sc in next\* repeat around (24 sts)

Round 4: \*sc in next 2, 2 sc in next\* repeat around (32 sts)

Round 5: sc in next *using BLO*, working both loops the remaining round, hdc next, dc next 3, 2 dc in next, dc next, hdc next, sc next 4, hdc next, 2 dc in next, hdc next, slst in next 2, hdc next, 2 dc in next, hdc next, sc next 4, hdc next, dc next 2, 2 dc in next, dc next 3, hdc next, slst next 2

Finish off and weave in ends.

### **Large Apple Stem**

Take tree truck color and join to front loop of first stitch in round 5.

Ch 6, starting in 2nd ch from hook, sc next 2, sc2tog over next 2 chs, sc next ch, slst to front loop of sc in Round 5.

Finish off and weave in ends.

### Large Apple Leaf

Take any green (you can switch them up if making more than one apple) and join to one of the top beginning chs from the apple stem.

Ch 5, sc in 2nd ch, hdc next 2, slst in next ch, slst in same beg ch from apple stem.

Finish off and weave in ends.

**Small Apple** ~ You will be working in the round continuously. Use stitch marker if needed.

With Red Yarn and H hook, magic Circle

Round 1: Ch 1, 8 sc in circle (8 sts)

Round 2: 2 sc in each st around (16 sts)

Round 3: \*sc in next, 2 sc in next\* repeat around (24 sts)

Round 4: sc in next *using BLO*, working both loops the remaining round, hdc next, 2 dc in next, dc in next, hdc next, sc in next 2, slst next, sc next, [sc, dc] in next, hdc next, slst in next 2, hdc next, [dc, sc] in next, sc next, slst next, sc next 2, hdc next, dc next, 2 dc in next, hdc next, slst next 2

Finish off and weave in ends.

### Small Apple Stem

Take tree trunk color and join to front loop of first stitch in round 5.



Ch 5, starting in 2nd ch from hook, sc next 2, 2 sc in next ch, sc next ch, slst to front loop of sc in Round 5.

Finish off and weave in ends.

### **Small Apple Leaf**

Take any green (you can switch them up if making more than one apple) and join to one of the sts from the apple stem.

Ch 4, sc in 2nd ch, hdc next, slst in next ch, slst in same st from apple stem.

Finish off and weave in ends.



### **Snow**

#### **Branch 3 Snow**

With H hook and white glitter yarn, Ch 15

Row 1: Sc in 2nd ch, sc next 6, 2 sc in next, sc 6 (15 sts)

Row 2: Ch 1, turn, sk same, sc next 14 (14 sts)

Row 3: Ch 1, turn sk same and next 2, 5 dc in next, sk 2, slst, sk 1, 3 sc in next, sk 1, slst, sk 1, 4 hdc in next, slst (3 fans)

Finish off and weave in ends.

#### **Branch 4 Snow**

With H hook and white glitter yarn, Ch 51

Row 1: Sc in 2nd ch, sc next 12, 3 sc in next, sc 4, 3 sc2tog, sc next 13, 3 sc in next, sc next 12 (50 sts)

Row 2: Ch 1, turn, sk same, sc next 12, 3 sc in next, sc next 14, sc2tog, sc next 5, 3 sc next, sc next 14 (53 sts)

Row 3: Ch 1, turn, hdc same and next 3, sc next 5, sk 1, 5 dc next, sk 2, sc next, sk 1, 7 dc next, sk 2, slst, sk 1, 3 hdc next, sk 1, slst next, 2 hdc next, sk 1, slst next, sk 1, 5 dc in next, sk 2, slst next, sk 1, 3 hdc in next, sk 1, slst next, sk 1, 7 dc in next, sk 1, slst next, 3 hdc in next, sk 1, slst next, sk 1, 4 dc in next, sk 2, slst next sk 2, 6 dc in next, sk 3, slst next (10 fans)

Finish off and weave in ends.

### Branch 5 Snow

With H hook and white glitter yarn, Ch 51

Row 1: Sc in 2nd ch, sc next 17, 2 sc in next, sc next 31 (51 sts)

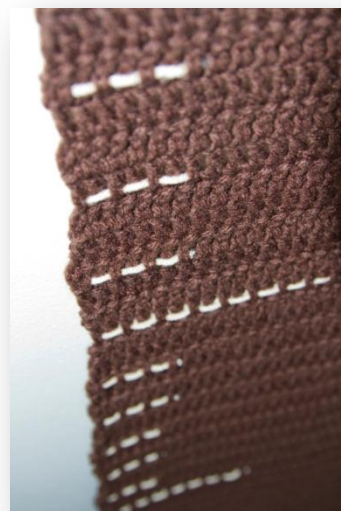
Row 2: Ch 1, turn, sk same and next 49 (50 sts)

Row 3: Ch 1, turn, sk same and next, 5 dc in next, sk 2, slst, sk 1, 4 hdc in next, sk 2, slst, sk 2, 7 dc in next, sk 3, slst, sk 1, 5 hdc in next, sk 1 slst, sk 1, 5 sc in next, sk 2, slst, sk 2, 5 dc in next, sk 2, slst, sk 2, 5 dc in next, sk 2, slst, sk 1, 3 sc in next, sk 1, slst, sk 1, 5 hdc in next, sk 1, slst next 4 (9 fans)

Finish off and weave in ends.



Starting at the bottom of the tree, mark every 2" with Heather yarn by weaving through the stitches for approximately 2" in width. For every 6 inches, I worked 4" across. Optional: On the opposite side, I wove a 6" width of Heather yarn for every 6" in height. See picture to right and left.



Attach hooks on apples and snow pieces or sew on as desired.