

Loom Band Snowflakes

Contents

- * *Templates,*
- * *Step by step instructions*
- * *Tips and techniques for creating your own!*

Using Loom Bands

To make snowflake patterns in Loom Bands we work using **six point geometry**. Every pattern we create in the loom bands is repeated a total of 6 times around the hexagon. Bringing awareness of the hexagonal symmetry within a snowflake.

Using the template we work on the 2D plane to place and hook the bands into snowflake patterns. Using a few simple techniques the variations are limitless and simple to do after learning the basics.

There are no two snowflakes the same, so use these techniques to create many different styles and your own unique Loom Band Snowflakes.

Hexagonal Geometry of a Snowflake

Water molecules crystallize into a **hexagonal** plate form. Every snowflake is formed around this shape. As water molecules freeze and expand they are less able to fill the space which means branching occurs and always on a six fold pattern.

Each snowflake is different due to it falling through weather systems which warm or cool it creating a myriad of patterns never to be replicated.



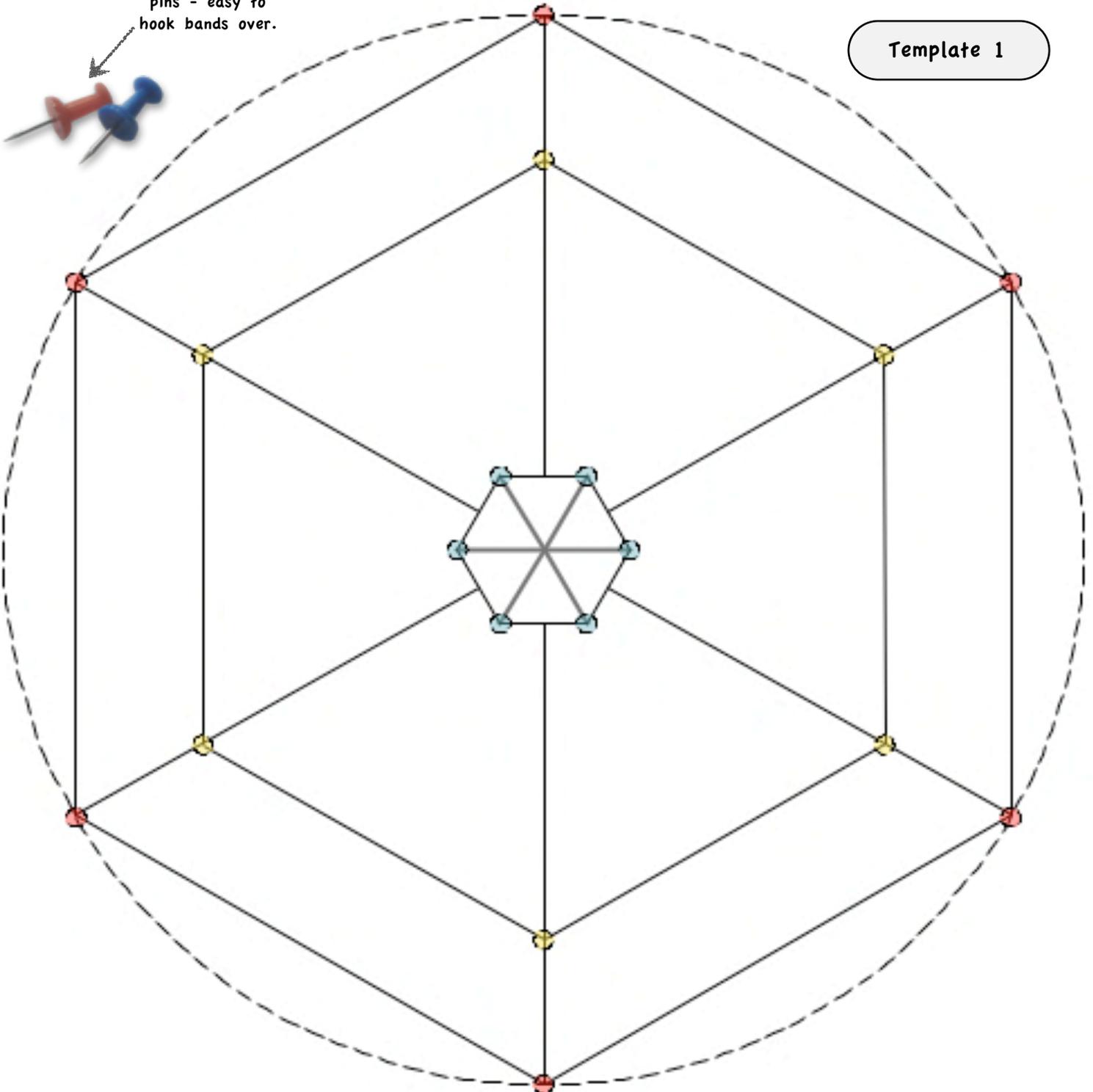
To find out more about hexagonal geometry in snowflakes visit www.thesmarthappyproject.com/hexagon-geometry-snowflake/

How to make Loom Band Snowflakes

You will need:

- small pinboard
- print out of Template 1
- 12 tall push pins
- 55 white loom bands
- 6 S-clips - clear colour.
- a hook
- a hook
- a hook
- scissors
- thick display card for Template 2

Use this style of pins - easy to hook bands over.



CUT OUTS
to hold your
finished loom
band in place

Template 2

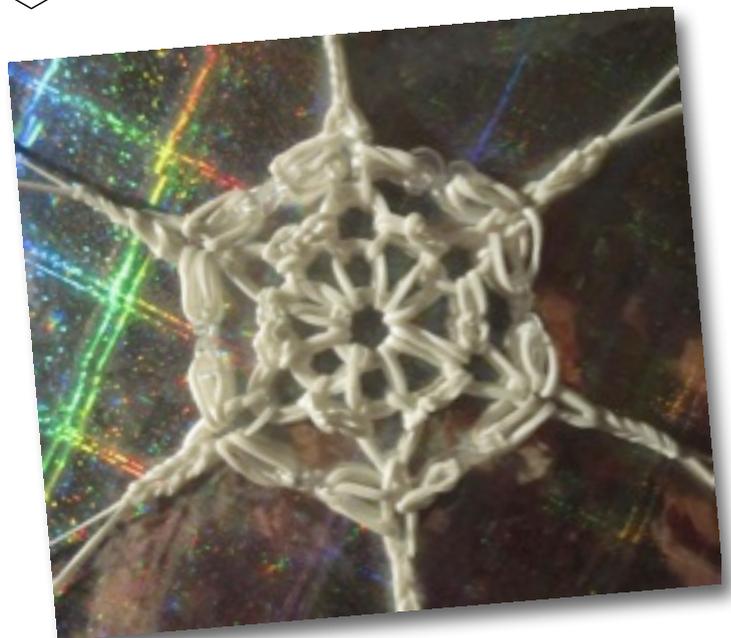
Cut your display card to this shape
for use in Step 18.
Recommended to use stiff card 1-2mm thick

If you make larger
snowflakes than the one
instructed in this booklet,
scale up this template
for display.

**CHAIN LINK Style
Snowflake made from
white loom bands**

Steps 1-18 demonstrate how to
create and display a **CHAIN LINK**
style loom band snowflake.

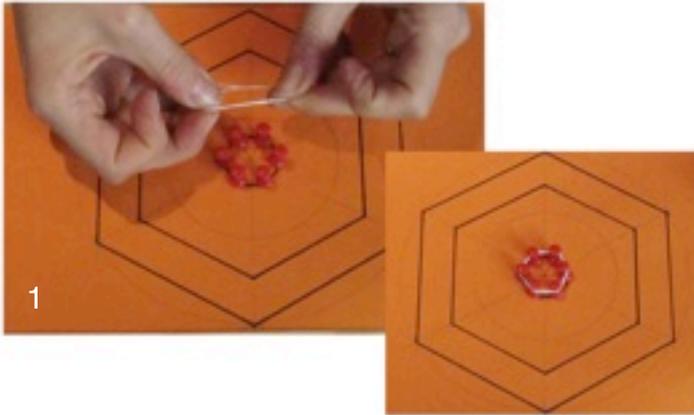
For demo purposes we have used
a coloured background, but use
your template from page 2 with the
pin positions indicated.



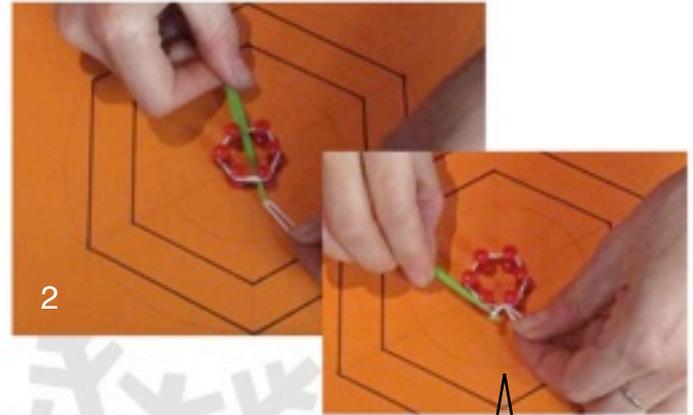


Print out the hexagon shape sheet on pg 2. Place onto your pinboard on a flat surface. Place the pins in the 6 blue centre positions.

DOUBLE the first band over and place around all the 6 pins.

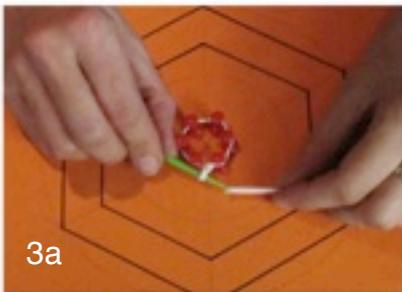


With another band ready, place your hook from the centre underneath the doubled band and in between two of the pins. Pull the new band half way through, then loop the other end of the band onto the hook. you now have two loops of the same band on your hook.



You are going to create the first arm of the snowflake by making a chain of bands.

Loop 3 more bands in the same way :- Take a new band (3a), pull half of it through both loops on your hook (3b) and then catch the other end of the new band onto the hook.



Place the end of the band in your fingers onto the hook next to the other end = 2 loops on hook

The completed first RADIAL of your snowflake make a total of 6 radial arms out to each corner of your hexagon



Repeat until you have 4 bands in a chain length on your hook (4a).

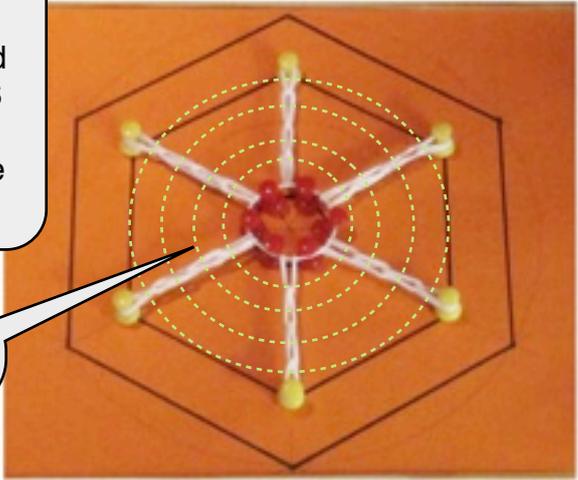
Take a new pin and insert into board in the yellow dot position directly opposite where you started in step 2. Place the 2 loops of your 4th band onto here (4b)





Make 5 more RADIALS, each of 4 chains, from each position between the centre pins out to each yellow dot on your hexagon shape sheet. Placing pins to hook them onto as you go around.

6 completed RADIALS of your snowflake



Round 2

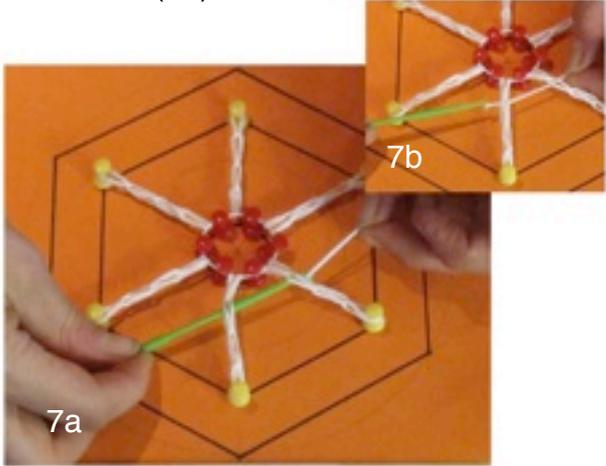
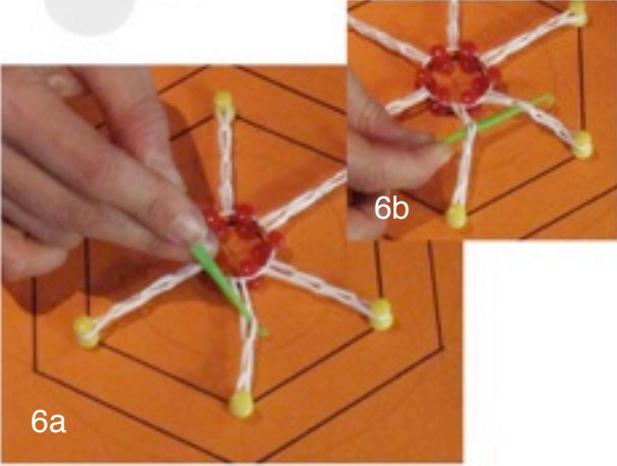
Now start working into Round 2



Work into Round 2...begin with the first arm. Pass your hook in between 2 of the 4 strands that make up the 2nd round chain (6a). Continue to push the hook in the same way through the 2nd round chain in the neighbouring arm (6b).



With a new loom band pull one end of it through both chains (7b).

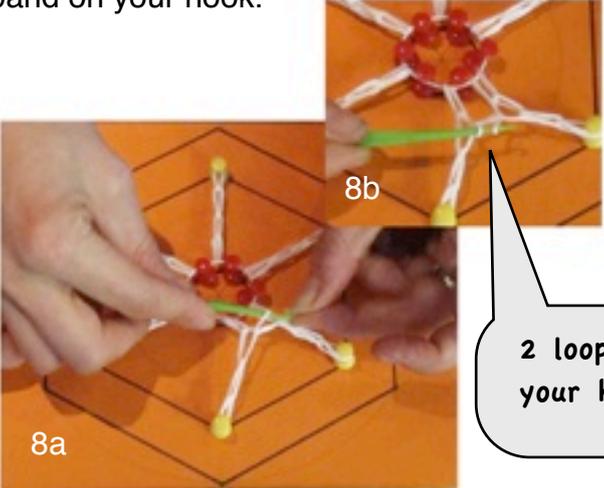


When you have done this place the other end of the band (you are holding) onto the hook. you now have two loops from the same band on your hook.

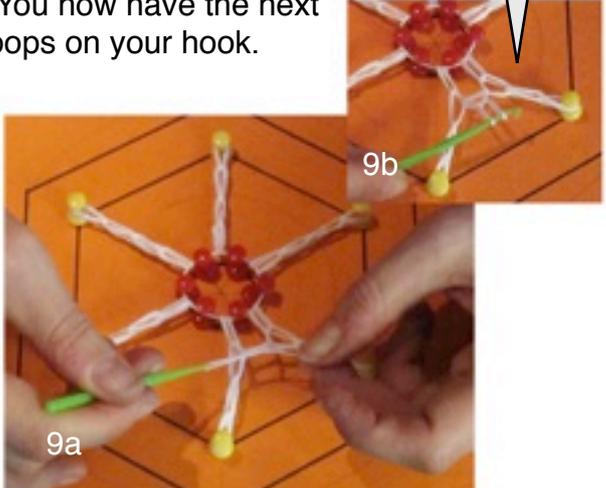


Take a new band, pull half of it through both loops on your hook (9a). Then place the end in your hand back onto the hook (9b). You now have the next two loops on your hook.

the next 2 loops on your hook

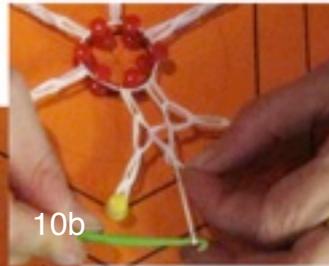
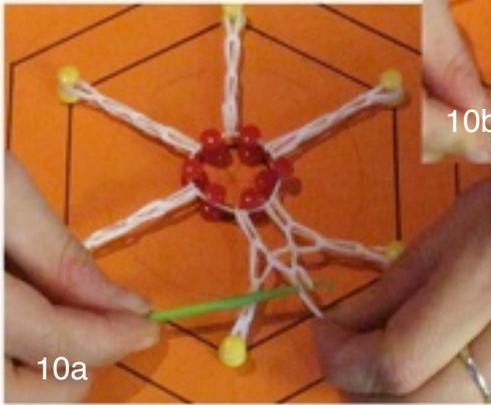


2 loops on your hook

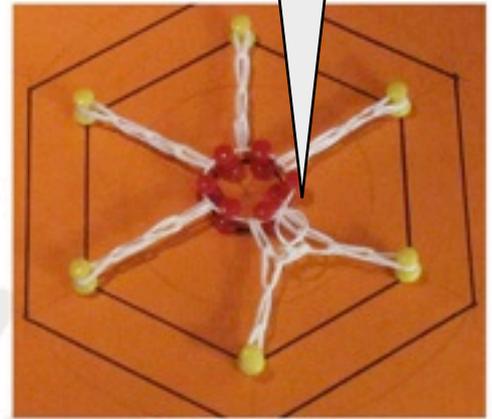




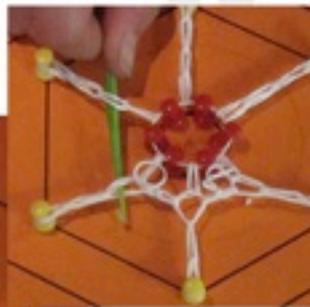
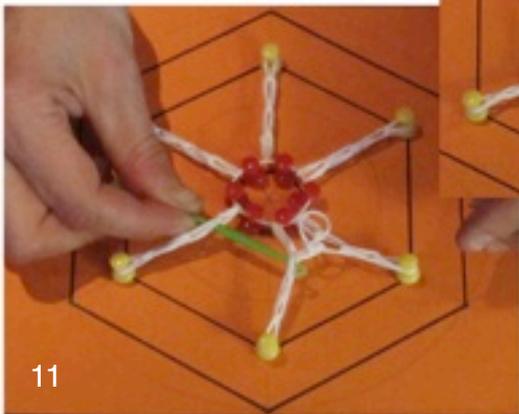
Take the loop on the hook nearest your hand and pass over the other loop then off the hook (10a). Gently pull tight to knot the bands (10b). Now you can remove your hook and let go.



you'll find you have a little curl of loom band that sits up.

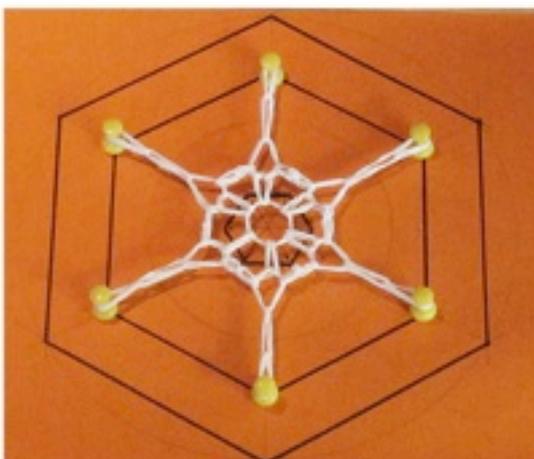
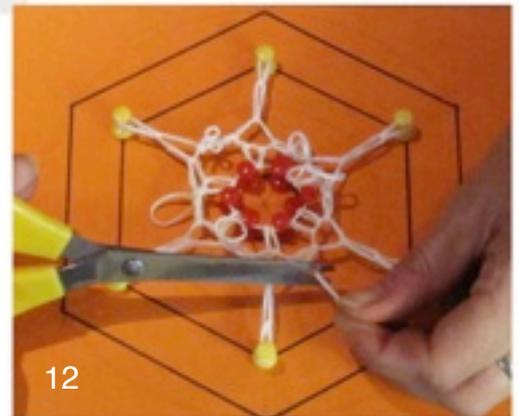


Repeat steps 6-10 five more times around the hexagon.



Once you've done steps 6-10 all around the hexagon, gently pull the knotting bands tight.

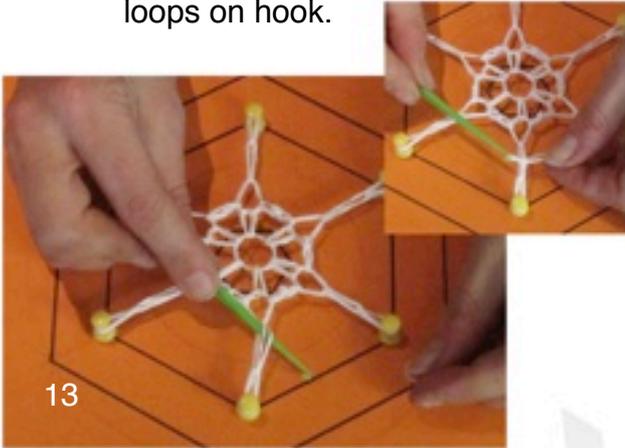
When you are happy they are secure cut off the curls and remove the 6 centre pins.



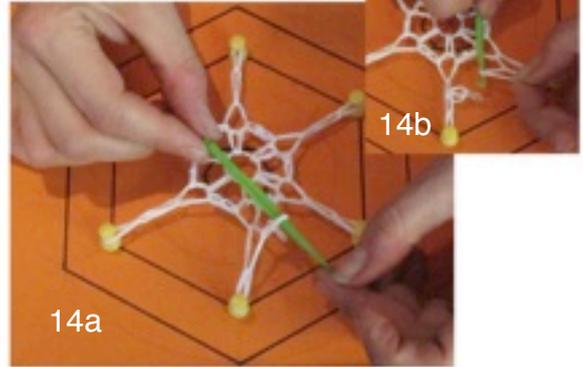
Can you see the snowflake beginning to take shape?
Now to start working our last time around the hexagon.



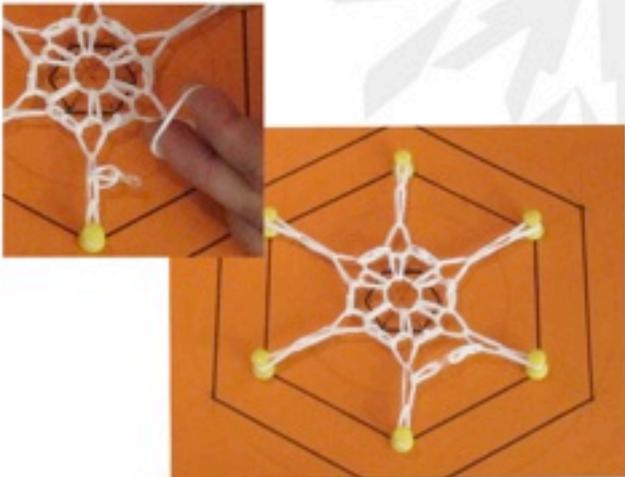
Pull a band half way through the 3rd chain (between 2 of the 4 strands) and place the end loop on the hook = 2 loops on hook.



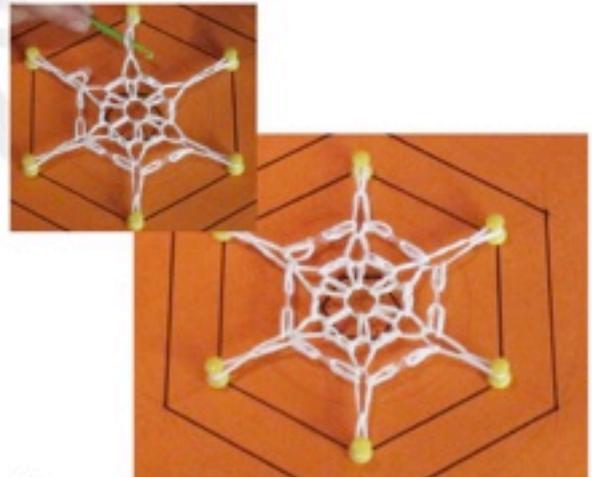
Attach both these loops on one half of an S-clip (14a). Connect another band in the same way to the 3rd chain of the next radial arm (14b)



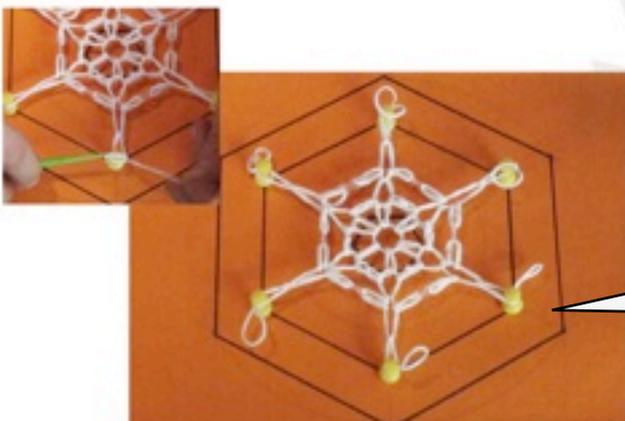
Attach both these loops onto the other side of the same S-clip. Stretching the band around your fingers might help to attach the S - clip.



Repeat steps 13-15 five more times around the hexagon.



Use the same knotting technique as in step 10 to attach one band to each chain in the 4th round on each radial. This time don't cut off the curl.

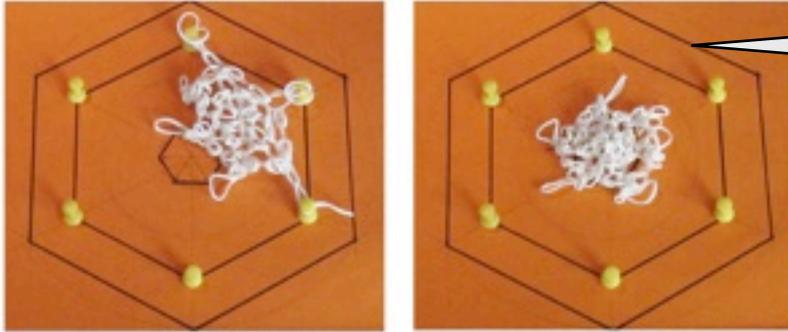


Nearly there!
Now to display your loom band Snowflake

Keep these curly loops to use in the last step



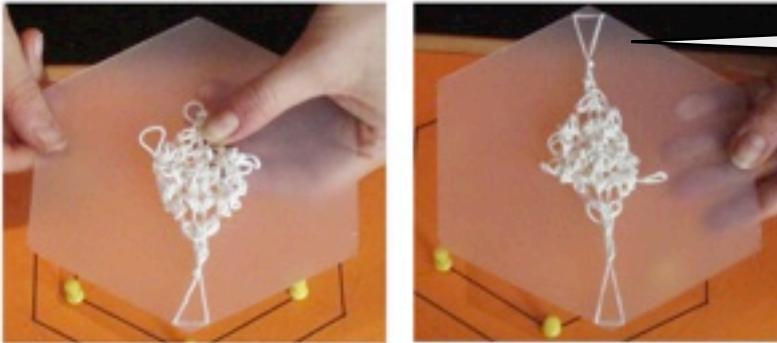
Unhook your snowflake from the 6 pins at each corner of the hexagon. Get ready with your display card cut to template 2.



“But why doesn’t it look like a snowflake?”

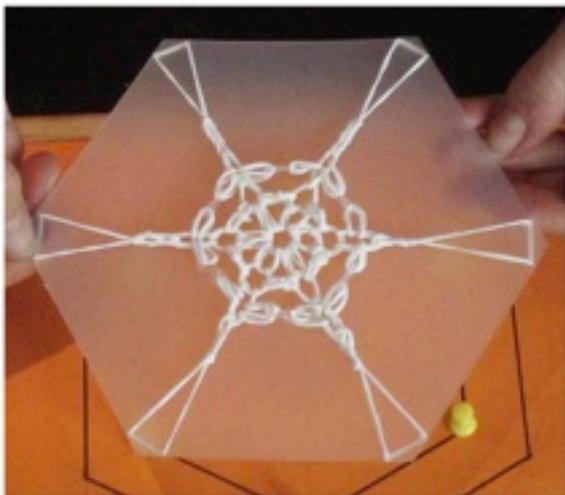
Hold On!
Most important step next. Your snowflake needs tensioning to see the snowflake pattern.

With the snowflake on the display card, take a curl from step 17 and secure into place on one corner of the hexagon using the cut outs to hold it in place. Then the same with the opposite curl.



TOP TIP:
stretch opposite loops

Continue working with opposites until all 6 loops are secured onto your display card.



Ta Dah!

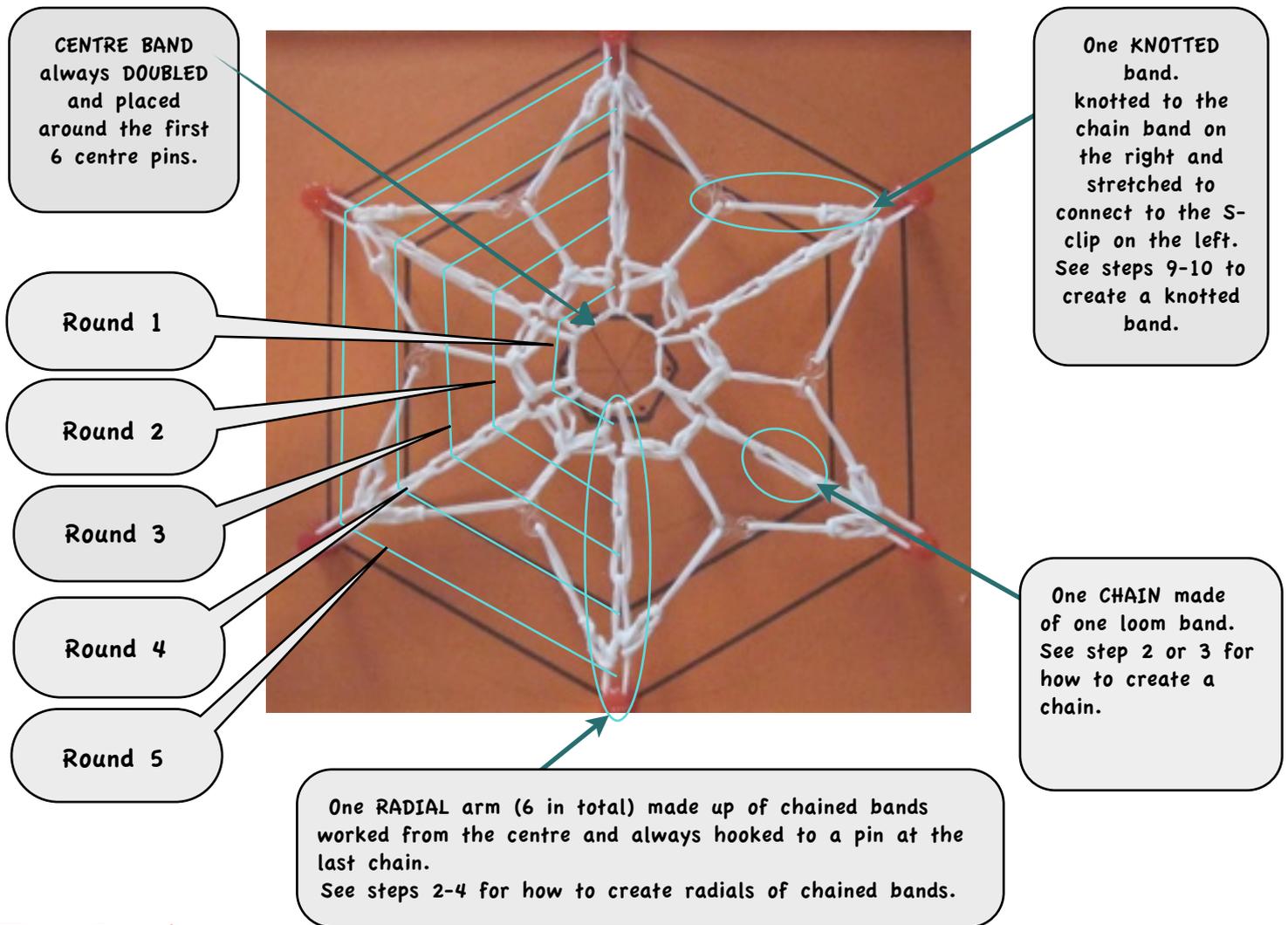
Your completed Chain Link Loom Band Snowflake.

Well Done!

Now try other techniques on the next page to create a different style snowflake

Anatomy and Techniques of Loom Band

Snowflakes



Techniques

- Always start with a doubled centre band.
- Work 6 radial arms in chains or knotted bands, stretch each onto the outer pins while you work the rounds.
- Pick which round you are to work into first, decide your technique to connect two arms together.
- Repeat on all 6 radials
- Work into more rounds if desired, ensuring you repeat actions on all 6 radials.
- Ensure the final bands on each radial are knotted or secured with an S-clip before moving to the display card.
- Use coloured card, acrylic sheets or christmas wrapping paper backed on card to display your loom bands.

the
s m a r t
H A P P Y
Project

For more info on hexagonal geometry in snowflakes visit
<http://thesmarthappyproject.com/hexagon-geometry-snowflake/>



Copyright Lisa Lillywhite 2014. All rights reserved.
Reproduction of contents by permission only.