

Designing your snowflake

There are many methods you can use to create your snowflake design. Try one of the following, or do it your own way.

Draw it:

Use a marker and a piece of paper to draw a snowflake. Make sure your lines are thick enough! See the tips on the following page for help.

Snowflake Maker:

This website:

<https://dangries.com/rectangleworld/PaperSnowflake/>

allows you to digitally cut out a snowflake and save it as a .png image. The purple background seems to work the best in the 3d Builder software.

Cut it out:

Use your scissor skills and cut one out of paper. Then you can scan or photograph it on a high contrast background and send it in.

Martha Stewart has a handy tutorial with templates:

<https://www.marthastewart.com/266694/decorating-with-paper-snowflakes>

Use a drawing program:

There are many free digital drawing programs that offer symmetry tools to help you make a perfectly proportioned snowflake.

Check out Inkscape, Krita, or Sketchbook and see what you think!

REMEMBER:

All elements of the design must be connected.

This won't work:

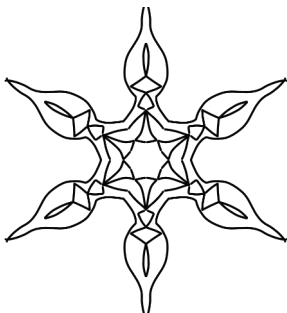


This will work:

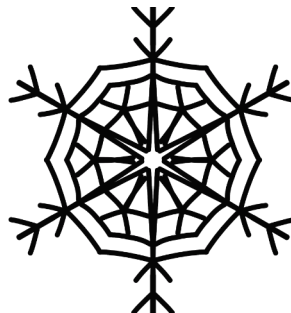


Your lines should be fairly thick.

This is too thin:



This is better:



This is best:



Save your design as a .png file with either a transparent background or a background that is in high contrast to the snowflake. You can stop here and submit the .png file at this link:

<https://forms.gle/hoyYEGi2jiJ9B27i6>

If you'd like to learn how to turn it into a 3d file, follow the directions on our website "Turning 2d designs to 3d". As the NOW Lab computers are all Windows operating systems, the program we use is designed for Windows computers.