Gladstone Regional Library MakerTime

What is a MakerSpace?
A MakerSpace is a collaborative workspace used for making, learning, exploring and sharing ideas that uses high-tech (e.g. 3D Printing) to no-tech tools (e.g. Knitting).

What is MakerTime?
MakerTime sessions are creative sessions aimed at teaching or providing a chance to practice new arts, crafts, science and technology.

Some MakerTime sessions previously run include:
- Quilling
- Jam making
- Galaxy Pendants
- Spool Knitting
- Squishy Circuits
- Sewing
- Embroidery
- Paper Pot creation
- Papercraft
- Robotics
- Macramé and
- 3D Printed Christmas Decorations

Information Handouts:
This range of information handouts have been created as a beginner's guide to a variety of self-paced activities. There are a large variety of resources readily available both in library and online for guidance and ideas.

Further Reading and References

The following resources contain more information about the topic:

1. Youtube.com. 2022. *String Art Tutorial*. [online] Available at: <https://www.youtube.com/watch?v=C4dpibii6Ng> [Accessed 4 July 2022].
2. Dresbach, J., 2016. *DIY string art*. Blue Ash, Ohio: Interweave.
3. The Spruce Crafts. 2022. *Follow This Step-By-Step Tutorial to Make Your Own String Art Project*. [online] Available at: <https://www.thesprucecrafts.com/string-art-1791403> [Accessed 4 July 2022].
4. The Homes I Have Made. 2022. *Easy DIY String Art Gift Idea (Perfect for Kids!)*. [online] Available at: <https://thehomesihavemade.com/easy-diy-string-art-gift-idea/> [Accessed 4 July 2022].

Boyne Island Library hosts a dedicated MakerSpace however MakerTime sessions are available at all branches region wide including:

- Agnes Water Library
- Boyne Island Library
- Calliope Library
- Gladstone City Library
- Miriam Vale Library
- Mount Larcom Library

For more information visit:
www.gladstonelibraries.qld.gov.au

Gladstone Regional Libraries
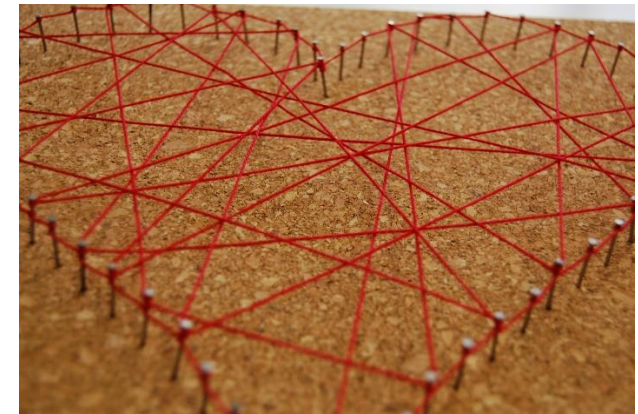
MakerSpace DIY Collection

String Art

Image: String Art Heart
Source: Wikimedia Commons

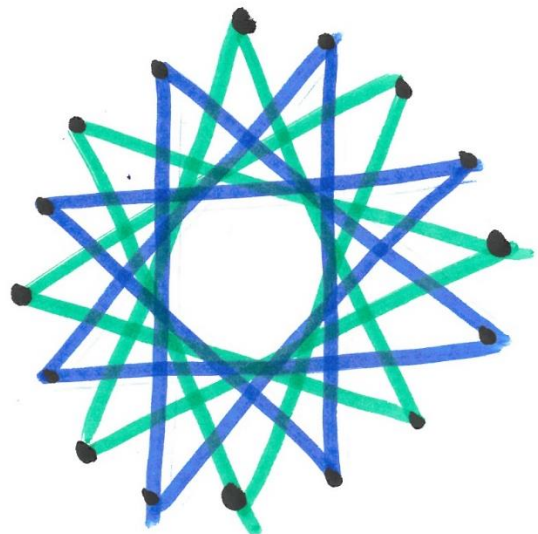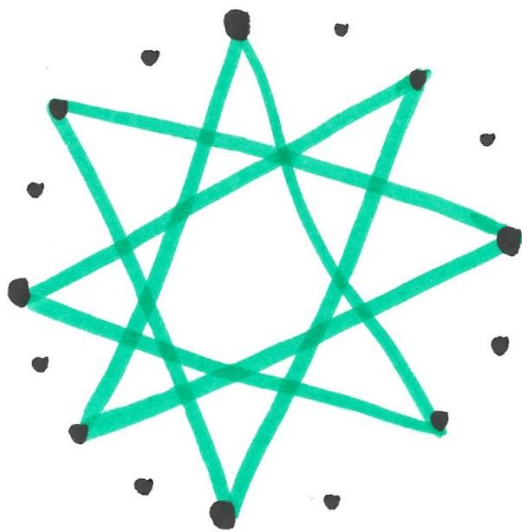GLADSTONE REGIONAL
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String Art Basics

String art uses string, thread or thin wire strung between a grid of points to create geometric patterns, pictures or shapes.
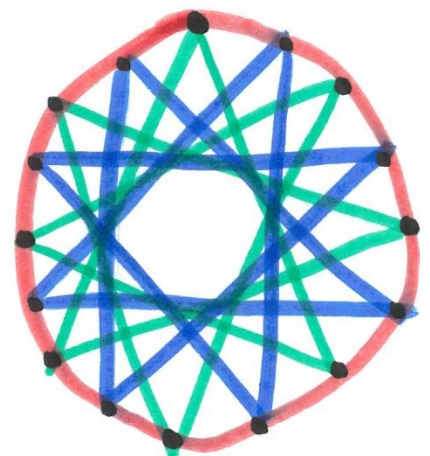
Materials:
- Flat piece of wood (we chose coasters)
- Small tacks/nails
- Ball of string (various colours optional)
- Felt tip marker
- Hammer

How to Start:
- On your backing board mark a circle with 16 dots. This can be easily done by drawing 4 dots as pictured right and then add dots halfway between these dots and then halfway again.
- Hammer in a nail on each of the dots
- Tie off one end of your string to the topmost nail.
- Working in a clockwise direction. Count 6 nails around and loop the string around it before counting to the next 6th nail and looping around it keeping the string tight.
- Repeat until you end up back at the nail you started on. Tie off the string and trim both ends.
- Grab another piece of string and repeat the process until all the nails have been used.

- (Optional) To make a border around your design tie the string onto one of the nails and then loop it around the 2nd nail and back to the 1st.
- From the 1st nail wind it around the 3rd nail and then loop around the 2nd nail and to the 4th nail, continuing in this pattern until you get back to the start.

Many patterns and tutorials can be found online by searching String Art templates or patterns