

## 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. Fitzgerald, B. (2015) *Complete Guide to Mosaic Technique*. Tunbridge Wells: Search Press.
2. Biggs, E. (2015) *The Encyclopedia of Mosaic Techniques: A step-by-step guide to professional results*. Tunbridge Wells U.K.: Search Press Ltd.
3. klopez\_11 and Instructables (2017) *How to make a mosaic for beginners, Instructables*. Instructables. Available at: <https://www.instructables.com/How-To-Make-a-Mosaic-For-Beginners/> (Accessed: March 9, 2023).
4. Guerrero, A. (2022) *How to do mosaics: 14 steps (with pictures), wikiHow*. wikiHow. Available at: <https://www.wikihow.com/Do-Mosaics> (Accessed: March 9, 2023).
5. *Explore mosaic art: How to make a decorative mosaic - 2023 (no date) MasterClass*. Available at: <https://www.masterclass.com/articles/how-to-make-a-mosaic> (Accessed: March 9, 2023).

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](http://www.gladstonelibraries.qld.gov.au)

# Gladstone Regional Libraries

## MakerSpace DIY Collection

### Basic Mosaics



Image: Mosaic Coaster

Source: Jamie Treble



# Basic Mosaics

Mosaics are made by using glass, ceramic or stone tiles (historically called tesserae) to create a pattern or image.

## Tools:

- Mosaic tiles, pottery shards, ceramic shards
- Tile grout (powder or premix)
- Grout sealer or varnish
- Craft Glue
- Object to add mosaic to
- Gloves (optional)
- Cotton buds or a damp sponge
- Paddlepop or ruler (something with straight edge)
- Tile Cutters (optional)

## How to Start:

1. Lay out tiles/shards face up to see what you have available to work with and consider if you want a random pattern or a specific pattern
2. If a specific pattern, draw outline of pattern on object to be tiled
3. Fill space with tiles gluing each tile in space leaving an approx. 5mm gap between tiles for the grout
4. If necessary, use tile cutters to trim/cut tiles to fit your shape
5. Mix grout and then layer it on the design
6. Using paddlepop or ruler lightly scrape the grout across the design to push grout into all the gaps
7. Use damp cotton tips to gently remove excess grout from the top of tiles
8. Once dry use damp sponge to clean off any leftover grout off the tiles **Note:** some crafters recommend white vinegar to help clear off grout dust
9. Seal the design with grout sealer or add several layers of varnish to waterproof the design



Possible layouts without the need for trimming