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 selfpaced 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.
- Biggs, E. (2015) The Encyclopedia of Mosaic Techniques: A step-by-step guide to professional results. Turnbridge Wells U.K.: Search Press Ltd.
- 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).
- 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).
- Explore mosaic art: How to make a decorative mosaic - 2023 (no date) MasterClass. Available at: https://www.masterclass.com/articles/how-tomake-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

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:

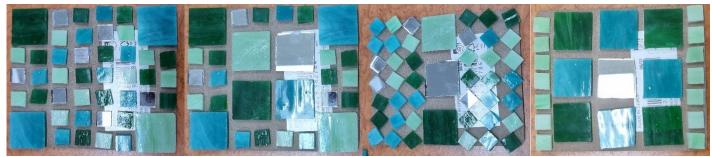
- Mosaic tiles, pottery shards, ceramic shards
- Tile grout (powder or premix)
- Grout sealer or varnish
- Craft Glue
- Object to add mosaic to
- Gloves (optional)
- Cotton buds or a damp sponge
- Paddlepop or ruler (something with straight edge)
- Tile Cutters (optional)

How to Start:

- 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 form the top of tiles
- 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
- Seal the design with grout sealer or add several layers of varnish to waterproof the design







Possible layouts without the need for trimming