

## 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. Sparks, L., 2015. *How to make candles*. Chatswood, N.S.W.: New Holland Publishers.
2. ProFlowers Blog. 2022. *How to Make Candles in 8 Easy Steps - ProFlowers Blog*. [online] Available at: <<https://www.proflowers.com/blog/how-to-make-candles/>> [Accessed 17 August 2022].
3. Wikihow.com. 2022. *How to Make Homemade Candles: 14 Steps (with Pictures) - wikiHow*. [online] Available at: <<https://www.wikihow.com/Make-Homemade-Candles>> [Accessed 17 August 2022].
4. The Spruce Crafts. 2022. *How to Make Homemade Candles for Beginners*. [online] Available at: <<https://www.thesprucecrafts.com/basic-candle-making-instructions-516753>> [Accessed 17 August 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](http://www.gladstonelibraries.qld.gov.au)

# Gladstone Regional Libraries

## MakerSpace DIY Collection

### Candle Making



Image: Photo of Candle on Wooden Tray  
Source: Castorly Stock



# Basic Candle Making

A simple and cheap way to personalize your candles.

## Tools:

- Plain white candles
- Pack of Crayola coloured wax crayons
- Essential oil (scent of your choosing)
- Wicks
- Candle containers (glass jars, drinking glasses, shot glass etc.)
- Eyedropper
- Microwave safe bowl
- Paddlepops (to stir)
- Label (optional)
- Pegs (to hold wicks)



## How to start:

1. Cut up/grate plain candle
2. Cut and grate crayon (Note colours will be muted unless you double/triple up the same colour)
3. Boil the jug and place scented oil bottle in 1-2cm hot water to warm up the oil (this is so the oil doesn't evaporate when going from cold to hot wax)
4. Put wax and crayon in microwave safe bowl
5. Microwave for 1 minute and stir
6. Microwave and stir at 30-second intervals until wax fully melts
7. Use a drop of hot wax to secure wick into the bottom of the candle jar. For a tumbler sized candle either twist/plait three wicks tighter or add wicks equal distance around the jar.
8. Add 3mls of essential oil to the wax and stir well
9. Pour hot wax into moulds and leave to set (24hrs minimum)
10. Trim the wick down to size (approx. 1cm long)

**N.B. – taper wicks won't burn enough wax to prevent the candle being "swamped" so three wicks are used unless thicker wicks are used.**