

Students' Materials List	
Class:	Explorations in enamel
Tutor:	Catherine Large
Room:	Q2105 - West

**Please bring the following:**

- Jewellers' saw
- 2/0 (or finer if you prefer) jewellers' saw blades.
- A bench peg that will clamp onto a jewellery bench with an anvil combination. These are available at [Australian Jewellers Supplies](#), [Koodak Jewellers Supplies](#) or [Combined Jewellery Services](#)
- Steel rule
- Scribe
- Wet and dry paper, 320, 400, 600, 800 grit. This is available from jewellery suppliers and hardware stores
- Magnifiers if needed for close work
- Safety glasses
- A notebook suitable for drawing and notetaking
- Pens, pencils etc
- Fine permanent marker
- Fine brushes for enamel application
- Fine or sterling silver sheet, 1mm
- Copper sheet 1mm

**If you have the following, please bring:**

- Enamels
- Trivets
- Mesh trays
- Cloisonné wire
- Jewellers' pliers, flat, pointed and half-round
- Needle files

- Flat or half round file (preferably cut 2)
- Assorted drill bits for flexi drive
- Tweezers
- Drill bits for flexi-drive
- Mini gas bottle with hand piece
- Matches
- Refractory/solder bricks
- Heatproof mat or stainless-steel tray or baking dish to hold soldering bricks
- Borax cone, dish and brush, or flux and brush
- Copper tongs
- Doming punches and block
- Ring mandril
- Rawhide mallet
- Jeweller's hammer
- Small steel block
- And any other enamel or tool favourites

**Approximate material cost:**

- \$50-\$150 is the estimated material cost depending on whether copper or silver is used.
- Please note you may already have some of these materials.

**If you have a question that is specifically about the materials, please contact the school on [mcgregorschools@usq.edu.au](mailto:mcgregorschools@usq.edu.au)**

**Parking:** For further details around parking, room numbers and events during the workshops, please go to the online essential guide.

**Please bring a Coffee mug.** Regular black tea and coffee, full cream milk and sugar are supplied by the School.

\*Should you require decaf, herbal teas, other milk types or artificial sweeteners please bring your own supplies. We will have 'tea rooms' set up around the campus with small fridges that you can store your own supplies. N.B. It is advisable that you mark your equipment for easy identification.

# Workshop Schedule

*Please note schedule as shown is a guideline only. Changes may occur.*

Date: 26 June – 30 June, 2023

Time: 9am – 4pm daily

## **DAY ONE: Monday 26 June**

- Welcome and introduction to vitreous enameling process
- Metal preparation
- Dry sifting of enamel
- Firing
- Counter enameling
- Disc cutter
- Drill
- Letter stamps/punches
- Make samples of transparent and opaque colors on foil, white, flux and without flux.
- Discussion of the importance of comprehensive colour testing and samples. The tutor will bring a selection of samples illustrating the techniques covered in the course.

## **DAY TWO: Tuesday 27 June**

- Sgraffito, stencilling, glass threads, millefiori
- Soldering for enamel – when to use IT and eutectic solder
- Benefits of cold joining
- Preparing champlévé frames using sweat soldering

## **DAY THREE: Wednesday 28 June**

- Use of rolling mill to create texture and pattern on the metal surface
- How to use cloisonné wire, washing enamel and wet packing
- Use of glue/Klyr fire
- Working with copper shim and mesh
- Discussion of colour combination and interaction, surface and texture. Importance of planning through sketches and collage to resolve your ideas

## **DAY FOUR and FIVE: Thursday 29 and Friday 30 June**

- Days 4 - 5 will focus on discussions about enamelling, experimenting and problem solving, demonstrations of techniques, the importance of design and consideration of materials. It is anticipated that students will take time to experiment and reflect as well as continuing to experiment and develop samples as references.