



## 2022 McGregor Summer Students' Materials List

**Class: Lampworked Glass Beads: Miniature Marvels**

**Tutor: Kathryn Wardill**

We provide this list of materials as a guide only for you to bring to the Retreat. Your Tutor has compiled this list so you can embrace the class and skills being taught. The University Bookshop will provide a discount of 10% on art supplies prior to and during the McGregor School.

**Please bring the following**

**ALL Students MUST bring for themselves:**

Students please note:

**Students will not be working out of class-hours unsupervised.** Even if you read that classrooms are open early or late, students are not able to work by themselves, due to the hazardous nature of this activity. It is very intense, and participants will tire easily. We will be very productive during class hours and you will make many beads.

- A face shield or **safety glasses**, clear UV protecting (you **MUST** have these) - they cost about \$6-\$15, from safety supply shops (and/or BOC Gases) NOTE: if you wear glasses, make sure the Safety Glasses will fit over the top of them as you must wear both pairs. You might want to try a safety shield around your head so that there is less over your ear.
- A 2kg Primus or companion **gas bottle full of LPG gas**. Do not bring a POL valved cylinder. If you have a companion bottle you must bring a 'companion to primus' (3/8" LH F to Primus) adaptor approx \$8 from hardware/camping supplies. The burner is going to screw straight onto the bottle so the outlet must be on the top of the cylinder and facing upwards. Please note that if you are flying to the workshop **WILL NOT** be able to fly with a gas bottle it is **ILLEGAL AND DANGEROUS**, even if the gas bottle is empty. You will need to buy a gas bottle when you arrive in Toowoomba and maybe sell it to a classmate at the end of the class. The tutor will not be able to help you with supplying this gas bottle. Remember once you have purchased the gas cylinder it will need to be filled with gas.
- Bring a **container**, could be plastic or a new 4L paint can is ideal (\$5 from paint shop) - this container is for the vermiculite for cooling the beads - the container should have no holes in it. It can be round or rectangular, size to be approximately 25cm high X 20cm wide X 20cm long.
- **Vermiculite** enough to fill your container (above). Can be purchased from a hardware or good nursery.
- Medium size cheap **pliers** from a hardware or \$2 shop. The type that has teeth for grip on the inside jaws.
- **Ceramic Plate** (dinner sized, old) or a metal pizza tray (which might be lighter to pack) or any other heat-proof surface for putting hot tools and glass onto while working.
- 4 boxes of **Matches**: please note that if you are flying to the workshop you **WILL NOT** be able to fly with matches it is **ILLEGAL AND DANGEROUS**. You will need to buy them when you arrive and leave them behind.

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- **Crate/box** (could be plastic storage tub) this will be to sit your gas bottle on so that you can sit to work. I recommend that you pack all your gear in it to transport to and from workshop, then unpack it and turn it over. Check that when turned over the crate is a stable base for your gas bottle to sit on.
- YOU MUST wear **fully closed shoes**, make sure they are also very comfortable as you may need to stand while working. If you need to sit while working a plastic toy box or storage tub are good idea to bring. We can put the gas cylinder on it to lower the working height so you could sit.
- **Hot-head bead torch** only, any adaptors required for your gas cylinder.
- **Bullseye glass bead rods** at least 16 lengths. 2 x French Vanilla white, 1 x black opaque, 3 x clear, remainder a mix of opal & transparent glasses in a wide colour range. Suggested: 1 x opaque red, orange, sunflower yellow, pea pod green, Cobalt blue. Transparent glass in spring green, sky blue, light pink striker, neo-lavender shift, seaweed Aventurine green and one rod of the special Luster glass rods – any of the 4 available will be suitable. Please feel free to buy which ever colours you like. I put in this colour guide for students who do not feel confident to select with no experience in this area. You can go and look at the full colour chart at [www.bullseyeglass.com](http://www.bullseyeglass.com) you can download as a PDF file the latest colour/product catalogue
- **Bullseye glass stringers** 1 tube of mixed colours (1mm or 2mm diameter)
- 20 x **Stainless steel mandrels** (rods) cut into 30cm lengths (1.3mm or 1.6mm in diameter)
- **Blocks of wood** (two, one for small rods, one for large rods) - these can be of any wood, (recycled, free from timber yard) usually pine, drilled (but NOT all the way through) with 2.5mm holes - these are for holding rods separately, to dry,
- a **graphite paddle**
- **Tungsten rake/pick**
- a container of bead release + old spoon to mix + empty Masterfoods spice glass jar with lid to mix your bead release in
- tweezers, stainless steel, long sized 10-12cm in length with a 3 to 4 mm nose (approx)
- **bead core scrapers** and/or a packet of **tobacco pipe cleaner's** cotton

The equipment can be purchased from:

Blue Dog Glass - <https://bluedogglass.com.au/>

Bead Glass - <http://www.beadglass.com.au/>

Minson Art glass (tools only) - <http://www.minsonartglass.com.au/>

Chockadoo Art glass and supplies - <https://www.chockadoo.com.au/>

USA - Frantz Art Glass - <https://frantzartglass.com/>

The above suppliers sell these items in several different kits also as individual items. It is recommended that you make arrangements immediately for this equipment as it may need to come from overseas. Feel free to shop around for the best prices.

If you have any questions about the above listed equipment you are welcome to contact me ask.

Kathryn Wardill

Mobile phone 0416 308 847 Email: [kathrynwardill@hotmail.com](mailto:kathrynwardill@hotmail.com) Website: [www.wardill.com](http://www.wardill.com)

**Approximate material cost** - \$400.00 is the estimated material cost. Please note you may already have some items in your art wares collection. Sometimes a tutor or the McGregor Retreats may be able to buy items in bulk to get the best price and we would then seek reimbursement from you. This will be communicated if required.

**McGregor Winter Workshops 2022 Schedule:**

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**9 – 15 January 2022**

**Daily Schedule:**

**DAY ONE**

Introductions to the subject, teacher and of students.

Name tags, handouts

Theory:

- Safety
- Equipment and supplies
- Working with hot glass as a medium

Basic glass bead demonstration

Students to practice making basic glass beads

**DAY TWO**

Shaping glass beads – use of graphite tools for cylinder, triangle, cube shaped beads.

Students to practice making basic glass beads

**DAY THREE**

Decorating techniques – use of frit, making and using stringer, casing and colour theory.

Students to practice making basic glass beads

**DAY FOUR**

Decorating techniques – use of silver, gold, lustre glass, making twisted glass cane.

Students to practice making basic glass beads

**DAY FIVE**

Stringer Twisted design bead, trapped air bubble design, raked pattern designs

Students to practice making basic glass beads

**DAY SIX**

Decorative canes for flowers, foliage and decoration and the use of these canes in bead making.

Students to practice making basic glass beads

**DAY SEVEN**

Sculptural techniques – going beyond round beads

Self directed learning – students to make glass beads revising techniques of their choice.

Clean up of equipment and class room.

**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 campus with small fridges that you can keep your own supplies in.*

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**N.B.** It is advisable to mark your equipment for easy identification.

Workshop runs 8.30am to 4.00pm with a light lunch provided at 12noon **only** on the weekend days. You must provide your own lunch Monday to Friday. Please note allergies will be catered for as best we can but depending on the level of dietary/allergy needed to be catered for this may incur a surcharge.

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