



MCGREGOR

2021 McGregor Summer Students' Materials List

Class 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.

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 class rooms are open early or late students are not able to work by themselves, due to the hazardous nature of this activity and that it is very intense and students 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 Propane 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 sell it to a class mate at the end of the class. The tutor is also flying to the workshop, she 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.
- **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 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 + 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 cleaners** 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/>

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

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Website 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.

If you have a question that is specifically about the materials – please contact your tutor on kathrynwardill@hotmail.com or 0416 308 847

10-16 January 2021

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.*

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.

HAZARDOUS SUBSTANCES AND MATERIAL SAFETY DATA SHEETS.

If you bring any hazardous substance to the McGregor School, please ensure that you obtain a MSDS (Material Safety Data Sheet) from the supplier or obtain one from the manufacturer of this substance. To do this, either ask the supplier from whom you purchase the hazardous substance or read the contact details on the hazardous substance and contact the manufacturer and ask for a MSDS. Once you have obtained the MSDS, bring it with you to the school, and hand in a copy to the McGregor School office, or the Tutor.

Hazardous substance can be: e.g. solvents, acids, some paint and glues, chemicals, fixatives, fluxes and solders.

If you are unsure, the Supplier and or manufacturer should be able to inform you if the substance is classed as hazardous.

WORKPLACE HEALTH AND SAFETY – IMPORTANT!!

As the McGregor Retreats are the responsibility of the University of Southern Queensland all provisions of the Workplace Health and Safety Act and Regulations must be followed.

The Compliance Code for the Management of Hazardous Substances requires that

- A Register of all Hazardous Substances to be brought onto the Campus or used at the Summer School is to be completed by each Tutor before the commencement of the School and supplied to the Summer School Office.
- A copy of each MSDS must be provided in each room or area that the hazardous substance is to be used

- All students must be informed of the MSDS before the Hazardous substance is used and students must be instructed to read the MSDS

USE OF CHEMICALS OR HAZARDOUS SUBSTANCES

Please enclose Material Safety Data Sheets for any hazardous substances you will be supplying for the class - e.g. dyes, paints, chemicals, etc

USE OF ELECTRICAL EQUIPMENT

All electrical equipment that you bring to use for your class at USQ **must** be 'tagged and tested' by a qualified electrician prior to arrival in order to comply with safety rules. *Items may include: power tools, extension cords, hair dryers and radio/CD players etc.*

SAFETY NOTES

Please provide written notes on the safe use of any tools, machinery, PPE equipment and hazardous substances which you bring to use in the class. These are to be made available to the students and kept in a record folder in the studio.