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Please reference the list below for supplies needed if registering for the following classes:

- Making Jewelry: Starting with the Basics.
- Textured Ring Band in a Day!
- Basic Bezel Setting

What you'll need:

Below is a list of supplies you can buy to get started, if you're looking to build your own jewelry studio, this is a great starting list. I have also listed more specific needs for each workshop at the bottom of the list.

The **Yellow Items** are for the **ring making class only** and **not needed** for the bezel workshop.

A small, but sturdy table to work at, this may be a table you have at home or in your garage. If you are going to be packing up your tools after you work and using, for example your dining room table, I suggest getting a drop cloth style covering for your table to help protect it and make your cleanup a little easier.

Some additional items that many may already have at home:

- A brush for applying the flux – this doesn't need to be a nice brush, but I would suggest a wooden handle as they often get slightly burned and wood smells better than plastic as it burns.
- Masking tape 1" wide
- One Nail (steel for hammering to create a texture).. not your nails attached to the ends of your fingers.
- Dental floss
- Small dowel rod of hard wood ½" round- We will form this as outlined in the handout... You can do this before class with the coarse file. Be sure to clean all the sawdust out of your file after you're done. Sawdust has moisture in it and it will rust your file if you leave it in the grooves. You can use an old dry toothbrush to clean the sawdust out of the grooves.
- If you have nail files/ polishers those work great as sanding sticks
- Sharpie fine point pen
- Any old hammer you have around the house.... Really rusted the better, this will give you a texture on your metal.

Materials that we will use to make your ring and bezel setting, you can choose to work with either copper or sterling silver.

ITEM NAME (AND ITEM # IF NEEDED):	QUANTITY (PER STUDENT):
Bench pin & Anvil combo	1- \$13.85
ITEM HYPERLINK:	
https://www.riogrande.com/product/bench-pin-and-anvil/110014	
ITEM NAME (AND ITEM # IF NEEDED):	QUANTITY (PER STUDENT):
Sawframe	1 - \$ 13.75
ITEM HYPERLINK:	
https://www.riogrande.com/product/german-adjustable-jewelers-3-saw-frame/110041	
ITEM NAME (AND ITEM # IF NEEDED):	QUANTITY (PER STUDENT):
Solderite pad 6" x 6"	1 - \$9.25
ITEM HYPERLINK:	
https://www.riogrande.com/product/Solderite-Pad-Soft-6-x-6-x-34/502064	
ITEM NAME (AND ITEM # IF NEEDED):	QUANTITY (PER STUDENT):
Butane Torch – this you may also be able to find at your local hardware store, there are many variations on the butane torch, so I suggest watching the mini-video at the bottom of the link below to have a little understanding of some of the differences.	1- \$55.00
ITEM HYPERLINK:	
https://www.riogrande.com/product/proxxon-microflame-butane-torch/500226	
ITEM NAME (AND ITEM # IF NEEDED):	QUANTITY (PER STUDENT):
Solder stick – you can also make your own from a bike wheel spoke, just file one end to a point.	1- \$ 4.95
ITEM HYPERLINK:	
https://www.riogrande.com/product/tungsten-soldering-pick-for-platinum/503021	
ITEM NAME (AND ITEM # IF NEEDED):	QUANTITY (PER STUDENT):
Flux- you only need to purchase one type of flux. If you have never soldered before most people begin with the paste flux (handy flux). Personally in my studio I use a liquid flux that I make myself.	\$10.95 or \$6.55
ITEM HYPERLINK:	
https://www.riogrande.com/product/rio-ready-flux/504003gp or https://www.riogrande.com/product/handy-flux-for-soldering-and-annealing/504086gp	
ITEM NAME (AND ITEM # IF NEEDED):	QUANTITY (PER STUDENT):

<p>Solder- hard, medium, easy solder- you will need to order each one separately. Order in: inches: 2" x 3" – for each type of solder</p>	<p>1 piece of each : hard, medium and easy solder- 2" x 3" Avg. price is about \$30.00 for all three</p>
<p>ITEM HYPERLINK:</p>	
<p>https://www.riogrande.com/product/Silver-Sheet-Solder-30-Ga-Hard/101702</p>	
<p>ITEM NAME (AND ITEM # IF NEEDED):</p>	<p>QUANTITY (PER STUDENT):</p>
<p>Tweezers- for many purposes This collection of tweezers will allow you to hold objects while you're soldering. The copper ones are specifically for use in the acid bath(this is what will clean your metal after you heat it)</p>	<p>1 set- 11.95</p>
<p>ITEM HYPERLINK:</p>	
<p>https://www.riogrande.com/product/soldering-tweezers-set-of-4/115780</p>	
<p>ITEM NAME (AND ITEM # IF NEEDED):</p>	<p>QUANTITY (PER STUDENT):</p>
<p>Pickle / Cleaning Solution- there are also other options, many hardware store carry Citric Acid, which works as an alternative to the commercial "pickle" you can buy from Rio. It is a bit more environmentally friendly. If you have a pool- steal a scoop the Sodium Bisulfate – this is the same solution as pickle. You will need to keep this warm when using, so I recommend buying an old crockpot (ceramic) or using a pyrex pot with lid and a small burner to warm it slightly- NOT BOIL.</p>	<p>1 small jar (3 lbs.)= \$11.95</p>
<p>ITEM HYPERLINK:</p>	
<p>https://www.riogrande.com/product/Silver-Sheet-Solder-30-Ga-Hard/101702</p>	
<p>ITEM NAME (AND ITEM # IF NEEDED):</p>	<p>QUANTITY (PER STUDENT):</p>
<p>Saw blades – my favorite are 4/0</p>	<p>5 packs at least of 4/0 saw blades – 16.50</p>
<p>ITEM HYPERLINK:</p>	
<p>https://www.riogrande.com/product/herkules-white-label-4-0-saw-blade/110032</p>	
<p>For a sample pack: https://www.riogrande.com/product/rio-german-saw-blade-sampler-pack/112214</p>	
<p>ITEM NAME (AND ITEM # IF NEEDED):</p>	<p>QUANTITY (PER STUDENT):</p>
<p>Pliers & Cutters- you want to have at least three basic pliers- round nose, flat nose, chain nose and your snips or cutters. It is important that your cutters have clean edges; any dents will be transferred to your metal. The two options below are the extremes.. you can also buy individual pliers. I love my lindstrom flush cutters, but they are a bit of an investment. If you're headed to your local hardware store, most have pliers, you</p>	

can buy them there- just be sure to get pliers with smooth jaws (no teeth- that will leave marks on your metal)	
ITEM HYPERLINK:	
The very basic set: https://www.riogrande.com/product/economy-four-piece-pliers-and-cutters-set/111909	
The super delux set: https://www.riogrande.com/product/lindstrom-rx-pliers-and-cutters-set/111057	
ITEM NAME (AND ITEM # IF NEEDED):	QUANTITY (PER STUDENT):
Parallel pliers – I LOVE these... if you think you want to continue making jewelry, these are a life saver. I use them almost daily especially when I’m doing any type of wire work. There are also variations on these with more expensive brands.	1- \$14.79
ITEM HYPERLINK:	
https://www.riogrande.com/product/flat-nose-parallel-action-pliers/111321	
ITEM NAME (AND ITEM # IF NEEDED):	QUANTITY (PER STUDENT):
Steel ruler- I strongly suggest steel, as plastic doesn’t hold up. I also prefer to have an inches and mm combo ruler. If the ruler is steel I can use my other tools against it and not worry about scratching or removing surface area that may later change my measurements.	1- 2.75
ITEM HYPERLINK:	
https://www.riogrande.com/product/steel-ruler-with-conversion-chart/116086	
ITEM NAME (AND ITEM # IF NEEDED):	QUANTITY (PER STUDENT):
Scribe & Burnisher Combo- I recommend the combo.. you can also buy the scribe and the burnisher separately if you like. Both are needed.	1- 27.50
ITEM HYPERLINK:	
https://www.riogrande.com/product/friedrich-dick-scriber-and-burnisher/113929	
ITEM NAME (AND ITEM # IF NEEDED):	QUANTITY (PER STUDENT):
Dividers- these are a great tool for giving you precise measurements, scribing long equal distance lines, ect.. it isn’t absolutely necessary for these workshops, but it is a very handy tool.	1 \$12.50 (optional)
ITEM HYPERLINK:	
https://www.riogrande.com/product/german-slim-leg-divider/116329	
ITEM NAME (AND ITEM # IF NEEDED):	QUANTITY (PER STUDENT):
Sandpaper – wet/dry- you will want to get 2 sheets of each grit to begin. You can of course buy more, but if you are going to your local hardware store they will have this. Rio sells them in packs of 10 sheets. Grits- 320. 400. 600- 2 sheet each. In addition to the sandpaper- pick up a paint stirring stick, one for	Minimum 2 sheets of each grit

<p>each grit. We will use these to make sanding sticks. You will also want to get a dowel rod that is about 3/4" wide/ 11-12" long- this will become your round sanding stick</p>	
<p>ITEM HYPERLINK: https://www.riogrande.com/product/3m-silicon-carbide-wetordry-emery-paper/337338</p>	
<p>ITEM NAME (AND ITEM # IF NEEDED):</p>	<p>QUANTITY (PER STUDENT):</p>
<p>Half Round File #3 cut – get a bottle of wine with a cork and use the cork as a handle... drink the wine. The file below is a good quality file that should last you well over 10 years in your studio. If you want to get a few cuts (coarseness) #2/3/4- this will allow you to skip some sanding. I have three half-round files in my studio that I’ve used for ten years now, and they are my number 1 go to.... I like the #3 cut as a middle ground if you’re going to buy only one file.</p>	<p>1- \$35.40</p>
<p>ITEM HYPERLINK: https://www.riogrande.com/product/Friedrich-Dick-Half-Round-Hand-File-Cut-3/114709</p>	
<p>ITEM NAME (AND ITEM # IF NEEDED):</p>	<p>QUANTITY (PER STUDENT):</p>
<p>Needle File Set # 3 cut- I can also recommend this file set. It is NOT NECESSARY, but if you are looking to really get into jewelry, this is a great starter kit for smaller files.</p>	<p>1- \$48.00 (optional)</p>
<p>ITEM HYPERLINK: https://www.riogrande.com/product/friedrich-dick-needle-file-sets-set-of-6/114799gp</p>	
<p>ITEM NAME (AND ITEM # IF NEEDED):</p>	<p>QUANTITY (PER STUDENT):</p>
<p>Flat File/ Bastard File – this is a coarse file that you can use to remove a lot of material. A flat File from the hardware store is great, it doesn't need to be anything special... I bought one for \$8.. 15 years ago and still use it daily.</p>	<p>1 – \$16.75</p>
<p>ITEM HYPERLINK: https://www.riogrande.com/product/Friedrich-Dick-Flat-Hand-File-Cut-2/114700</p>	
<p>ITEM NAME (AND ITEM # IF NEEDED):</p>	<p>QUANTITY (PER STUDENT):</p>
<p>Nylon/ Wood/ Rawhide Mallet – this will allow us to form our rings without marring the metal.</p>	<p>1- Ring Band Workshop</p>
<p>ITEM HYPERLINK: https://www.riogrande.com/product/nylon-head-mallet/119327</p>	
<p>ITEM NAME (AND ITEM # IF NEEDED):</p>	<p>QUANTITY (PER STUDENT):</p>
<p>Ring Mandrel- I like have the measurement marks on my ring mandrel, you do want to be sure that you get a steel NOT aluminum</p>	<p>1- \$ 40.00- Ring Band workshop</p>

ring mandrel. This will allow you to hammer the ring on the mandrel. If you have a full steel shop nearby- they could probably make you a tapered round bar to use as a ring mandrel... starting at 2" and tapering down to 3/4"... about.	
ITEM HYPERLINK:	
https://www.riogrande.com/product/durston-steel-tapered-ring-mandrel/112322	
ITEM NAME (AND ITEM # IF NEEDED):	
Metal Snips/Shears – I use these for cutting my solder, cutting bezel wire, You can also use a super heavy-duty pair of scissors.	QUANTITY (PER STUDENT):
	1- \$9.45
ITEM HYPERLINK:	
https://www.riogrande.com/product/soft-metal-shears/111232	

MAKING JEWELRY: THE BASICS WORKSHOP

ITEM NAME (AND ITEM # IF NEEDED):	
20 ga copper sheet metal 6" x 6" is more than enough. Rio sells them in 6" x 12" sheet. If you have a friend in the class you can split it. We will use this to do some sawing and soldering exercises, as well as some trails for other pieces. Having a little bit of copper around will let you see how things work out before you commit to working in silver.	QUANTITY (PER STUDENT):
	1 sheet \$ 11.70
ITEM HYPERLINK:	
https://www.riogrande.com/product/Copper-6-x-12-Sheet-20-Ga-Dead-Soft/132120	

RING BAND WORKSHOP

ITEM NAME (AND ITEM # IF NEEDED):	
Sterling silver – you can pick the measurement you like – I suggest one of the following: 3 x1 mm 4 x 1mm 5 x 1.25mm 6 x 1.5mm 8 x 1.5mm I would not exceed 1.5mm thickness because it will become very difficult to form and bend the metal to form the ring. If you're not sure how wide you want your ring.. I suggest cutting a strip of paper to the appropriate thickness and trying it on.	QUANTITY (PER STUDENT):
	I suggest buying at least 7" –this will give you one ring, and probably two. Depending on your ring size. If you want to buy a selection of sizes to make rings for everyone in your family for Christmas look at the ring chart and calculate how much material you'll need. Be sure to factor in the thickness of the metal to the overall length.
ITEM HYPERLINK:	
https://www.riogrande.com/product/sterling-silver-rectangle-wire-dead-soft/100589gp	

BEZEL SETTING WORKSHOP

ITEM NAME (AND ITEM # IF NEEDED):	QUANTITY (PER STUDENT):
Fine silver bezel wire	
ITEM HYPERLINK:	
https://www.riogrande.com/product/999-fine-silver-strip-dead-soft/101001gp	
ITEM NAME (AND ITEM # IF NEEDED):	QUANTITY (PER STUDENT):
22 ga sterling silver sheet metal 1 " x 1" – Rio Grande sells this sheet in 3" x 1" minimum sheets. You can use the extra to create another bezel setting, and make bails to turn your bezel set stones into pendants.	1 " x 3" - Rio Grande minimum order \$ ~ 14.00
ITEM HYPERLINK:	
https://www.riogrande.com/product/Sterling-Silver-3-Sheet-22-Ga-Dead-Soft-Brushed-Finish/100459	