92Y ART CENTER

GILDA AND HENRY BLOCK SCHOOL OF THE ARTS

Projects in Classical Goldsmithing - Remote Learning
vannibale@92y.org

Session 1: Hollow Bead

27gauge 22K custom alloyed gold, approx 1inch by 2inch
Solder for Gold: 20K Soft/Easy 20K Hard

If you intend to apply granulation to the surface of your bead, an **Ultralite Beehive Kiln** will be useful.

Granulation Supplies	Optional
- Granulation brush fine point Sable #0 from art supply store - Small plastic cup w/lid - Small **shallow** copper dish/bowl - Small Pyrex dish/bowl - Titebond Hide glue - Liquid Yellow Flux	- Soldering pad 3M Polishing Paper Asst (Rio # 337-308) - Flat hand file # 0 (6" long) - Split mandrel for flexible shaft (#333-130 Rio) - EVE silicone polishers kit (Rio # 3326171) - Flux brush

Supplies

- Charcoal Block 2 3/4 x 5.5 long life Pana brand (item# 502-027 @ Rio)
- Economy Charcoal Block, also
- 6inch/15cm Steel Ruler
- Brass sliding gauge or Calipers (either digital or analog)
- Dividers
- Solder snips (Joyce Chen unlimited scissor)
- Sharpie permanent marker fine point and ultra fine (Black)
- Saw blades #2/0, #4/0, #6/0
- Emery paper, 1 sheet ea: 320, 400, 600
- Barrette file # 2 (4" long)
- Half round ring file # 2 (6" long)
- Safety glasses and/or Optivisor or MegaView
- Tweezers: x-tra fine straight flat, cross locking w/fiber grips curved & straight (Item #115-050 115-051 Rio) steel utility (Rio # 115-100)
- Solder pick
- Screw mandrels for flex shaft
- Rawhide Mallet, 2.5 inch x 1.25 inc, 4oz (Head Dimensions and Weight)
- Needle file assortment (cut #2 or #4 Preferably Swiss)
- Pliers: small chain nose toothless, round nose smallest @ Allcraft, flat pliers,
- LIndstrom 8151 Flush Cutters (Rio # 111421)

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Session 2: Viking Twist Ring Exploration
7-8 inch lengths of 12 gauge, 14 gauge, 16 gauge, 24 gauge wires in 22K custom alloyed gold
Solder for Gold: 20K Soft/Easy 20K Hard

Supplies
- Charcoal Block 2 3/4 x 5.5 long life Pana brand (item# 502-027 @ Rio)
- Economy Charcoal Block, also
- Peddinghaus Planishing Hammer, 6oz
- Hand Drill
- 6inch/15cm Steel Ruler
- Brass sliding gauge or Calipers (either digital or analog)
- Dividers
- Solder snips (Joyce Chen unlimited scissor)
- Sharpie permanent marker fine point and ultra fine (Black)
- Saw blades #2/0, #4/0, #6/0
- Emery paper, 1 sheet ea: 320, 400, 600
- Barrette file # 2 (4" long)
- Half round ring file # 2 (6" long)
- Safety glasses and/or Optivisor or MegaView
- Tweezers: x-tra fine straight flat, cross locking w/fiber grips curved & straight (Item #115-050 115-051 Rio) steel utility (Rio # 115-100)
- Solder pick
- Screw mandrels for flex shaft
- Rawhide Mallet, 2.5 inch x 1.25 inc, 4oz (Head Dimensions and Weight)
- Needle file assortment (cut #2 or #4 Preferably Swiss)
- Pliers: small chain nose toothless, round nose smallest @ Allcraft, flat pliers,
- Lindstrom 8151 Flush Cutters (Rio # 111421)

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Session 3: Granulation and Granulation Cheats

27gauge 22K custom alloyed gold, approx 1inch x 1inch
5 inches of 22gauge round wire
Solder for Gold: 20K Soft/Easy 20K Hard

If you intend to apply granulation to the surface of your work, an **Ultralite Beehive Kiln** will be useful.

Granulation Supplies	Optional
● Granulation brush fine point Sable #0 from art supply store ● Small plastic cup w/lid ● Small **shallow** copper dish/bowl ● Small Pyrex dish/bowl ● Titebond Hide glue ● Liquid Yellow Flux	● Soldering pad ● 3M Polishing Paper Asst (Rio # 337-308) ● Flat hand file # 0 (6" long) ● Split mandrel for flexible shaft (#333-130 Rio) ● EVE silicone polishers kit (Rio # 3326171) ● Flux brush

Supplies

- Charcoal Block 2 3/4 x 5.5 long life Pana brand (item# 502-027 @ Rio)
- Economy Charcoal Block, also
- Round Tungsten Carbide Drawplate, 2.8mm-.26mm
- Needle nose pliers for pulling wire thru the drawplate
- 6inch/15cm Steel Ruler
- Brass sliding gauge or Calipers (either digital or analog)
- Dividers
- Solder snips (Joyce Chen unlimited scissor)
- Sharpie permanent marker fine point and ultra fine (Black)
- Saw blades #2/0, #4/0, #6/0
- Emery paper, 1 sheet ea: 320, 400, 600
- Half round ring file # 2 (6" long)
- Safety glasses and/or Optivisor or MegaView
- Tweezers: x-tra fine straight flat, cross locking w/fiber grips curved & straight (Item #115-050 115-051 Rio) steel utility (Rio # 115-100)
- Solder pick
- Screw mandrels for flex shaft
- Rawhide Mallet, 2.5 inch x 1.25 inc, 4oz (Head Dimensions and Weight)
- Needle file assortment (cut #2 or #4 Preferably Swiss)
- LIndstrom 8151 Flush Cutters (Rio # 111421)