JDMIS

Jewellery Design & Management International School

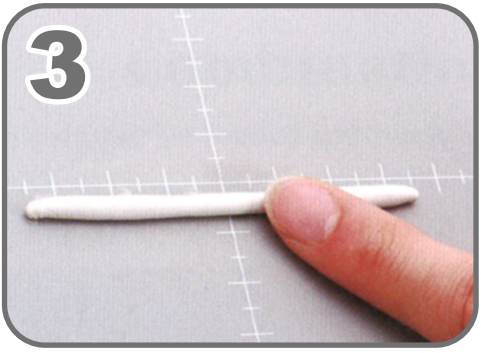
NEW METALS TECHNOLOGY I CREATIVE SILVER MODELLING

PROJECT TWO

RING WITH GEMSTONE

Measure the finger chosen for the ring using a ring gage.

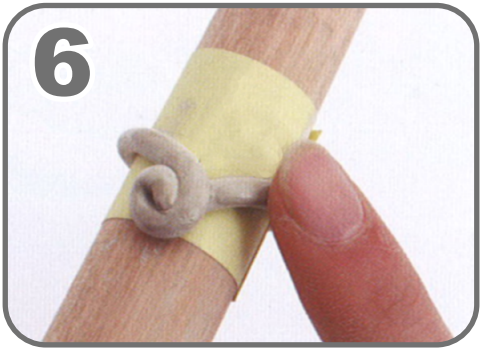
Mark where a ring 4 sizes larger fits on a wooden ring mandrel. Wrap a post'it around this point.



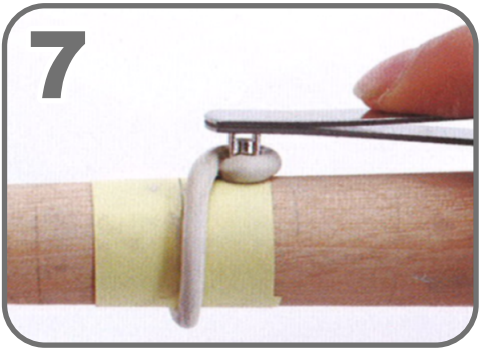
Roll the clay type into a rope shape about 8cm long. Add a small amount of water to the clay surface to avoid cracking.

Moisten the clay surface and place the rope end as shown, then wrap the clay rope around the mandrel.

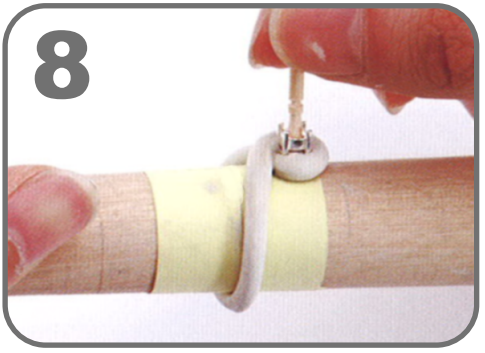
Roll the top rope end into a coil.



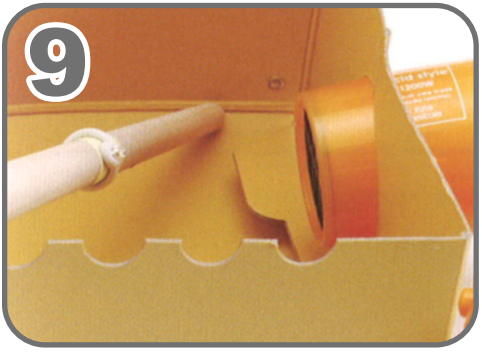
Smooth the surface and the coiled part by moistening.



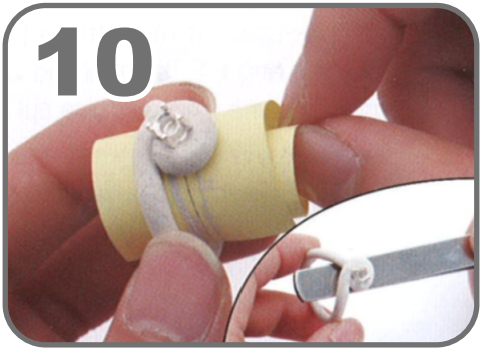
Position the silver prong head vertically into the coil.



Remove any excess clay from the inside of the head.



Dry the ring for at least 10 minutes.



Remove the ring from the mandrel and carefully remove the post'it note.

File to smooth the inside ring surface. DO NOT file too much or the ring size will increase!

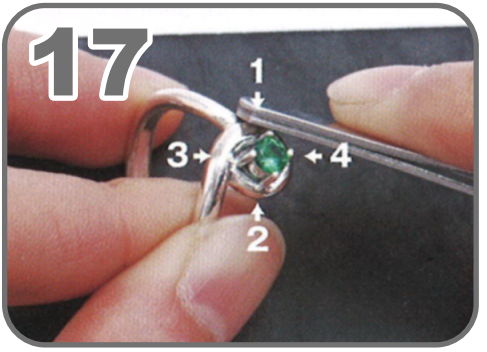
Sand the entire surface with a sponge sanding pad (red) to pre-finish the surface.

Fire the piece at 800°C for 5 minutes.

Place the ring on a steel mandrel and round the shape with a nylon hammer, being careful not to hit the prongs.

Brush the whole surface with a stainless steel brush.

Burnish to create a smooth, shiny finish.



Set the stone using the end of the tweezers. Press each prong inward, starting with light pressure and repeat the process until the stone is secured firmly in position.

Scan to review
this project on
JDMIS
Online Jewellery
Learning Platform

Jewellery Design
and Management
International School

www.jdmis.edu.sg