

## A Pair of Puzzle Pendants

Level: Basic/ Intermediate



Completed piece

### <Materials>

Art Clay Silver Clay Type	14g for two pieces
Any chain	1pc

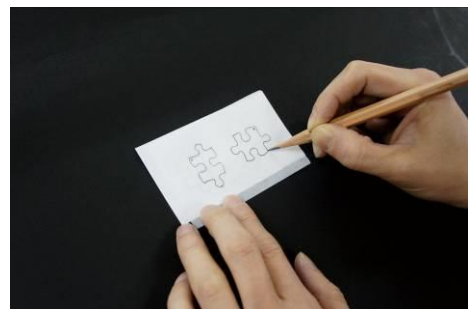
### <Tools>

Cooking sheet, pencil, roller, plastic strips 2mm thick, rubber block, plastic case, needle, toothpick, scissors, water, medium fine file, red sponge sanding pad (#320-600), blue sponge sanding pad(#), green sponge sanding pad (#), stainless steel brush, burnisher, liver of sulphur, , stainless bowl, needle, straw dia.4mm, glass pot, chopsticks

### <Step by Step Guide>



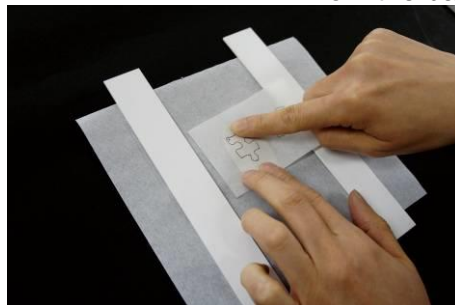
Pattern (2 pieces)



- 1) Prepare pattern sheet, place a cooking sheet on top and trace the pattern with a pencil. Turn over the cooking sheet and re-trace it with the pencil from the back side.



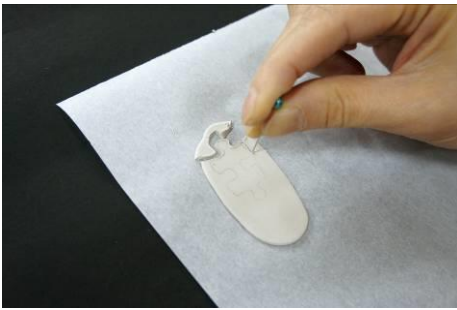
- 2) Knead 7g of clay well and make an oval shape. Then, place the clay on another cooking sheet, place a pair of 2mm thick plastic strips on both sides, and place another layer of cooking sheet on the clay. Roll out the clay with a roller to fit the pattern sheet size.



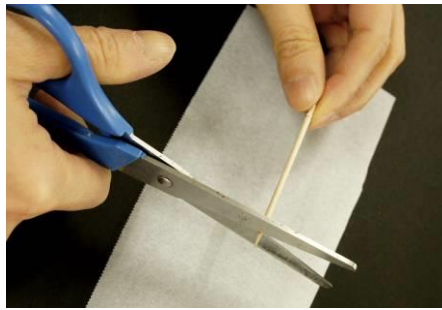
- 3) Place the pattern sheet on the clay and rub with your finger to trace the pattern.



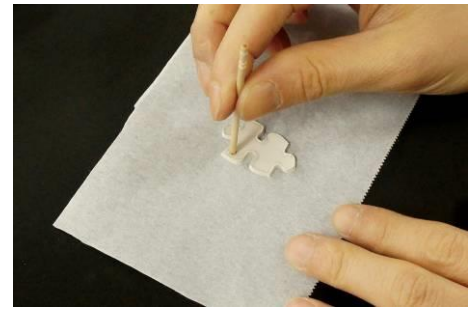
- 4) Make sure the pattern is traced. If the cooking sheet shrinks, move the clay to a different area of the cooking sheet.



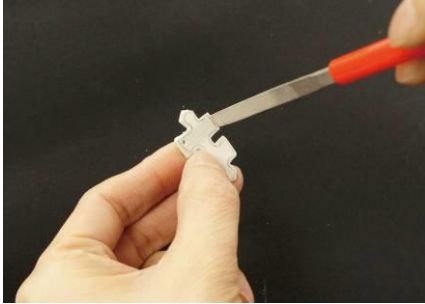
5) Cut the shape out with a needle approx. 1mm outside of the lines.



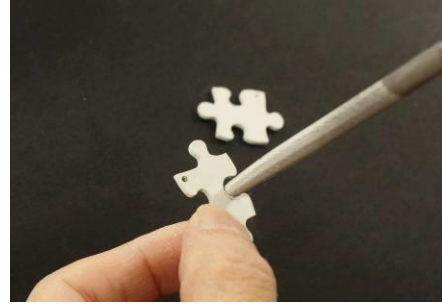
6) Cut the tip of a toothpick off approx. 8mm from the tip with some scissors.



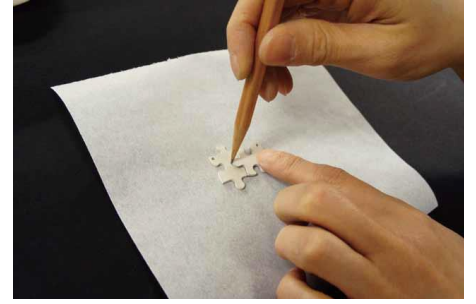
7) Moisten the tip of the toothpick. Poke the end of the piece with the toothpick horizontally and rotate it to make a hole to thread the round jump ring through later.



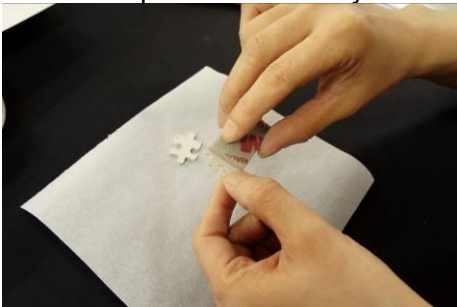
8) Dry completely so as not to distort and smooth the sides gently with a medium fine file following the lines. Use the file on the piece horizontally.



9) Smooth the details with the tip of the medium fine file.



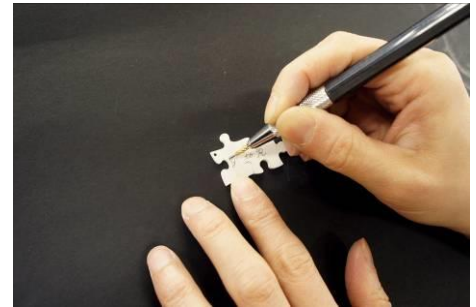
10) Smooth both pieces carefully. TIP: Make sure both pieces fit together well before you proceed.



11) Smooth both pieces gently with a red sponge sanding pad.



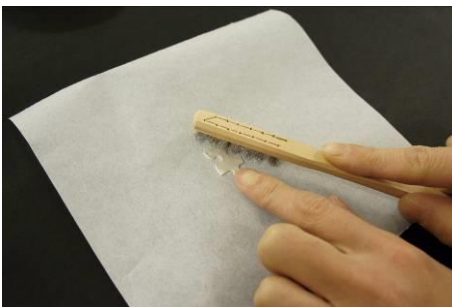
12) After filing.



13) If you want to engrave words etc., trace with a pencil first and engrave little by little with a needle etc.



14) Put the puzzle pieces together and fire at 800C/1472F for 5 minutes.



15) After firing, polish both pieces with a stainless steel brush.



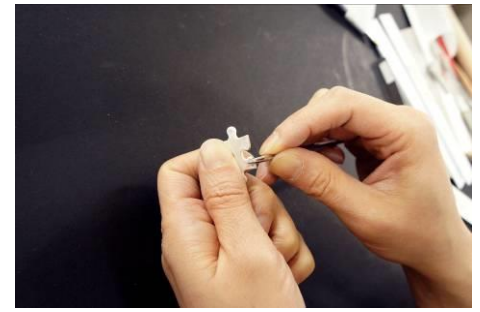
16) Polish with a red sponge sanding pad.



17) Polish with a blue sponge sanding pad.



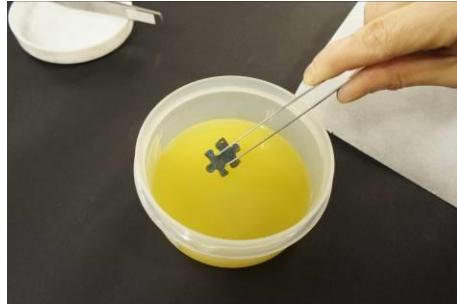
18) If you want to make an antique finish, polish with a green sponge sanding pad.



19) Burnish the sides by pressing a burnisher strongly and make a mirror finish.



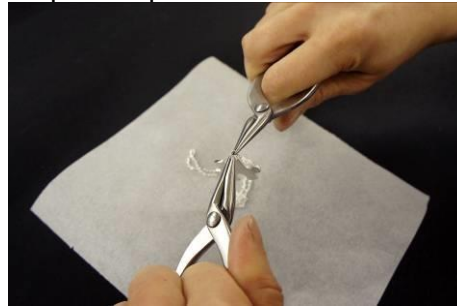
20) For the antique finish, pour some hot water (70-80C/), add 3-4 drops of liver of sulphur solution and stir well. Then, put the piece in.



21) When it becomes black, remove it with some tweezers.



22) Rinse well with water, wipe off with some tissue and polish the surface lightly with a polishing cloth so as not to remove all of antique effect.



23) Thread the round jump ring with some flat pliers and finish!



Example piece: With engraved words and antique finish.