

Pottery Tools and Materials

*The students will receive the link to the video about tools before the class.

Pottery tools:

*Before purchasing many tools, check around your house! The tools can be substitute with things you already have; old metal knife, Plastic knife, old credit card, wooden chopsticks, skewers, Metal or plastic wires etc.. can be used from your kitchen. * **Red Bold** is required for this class

Basic Pottery tools	It is good idea to purchase a beginner's pottery tools if you don't have any. If you want a larger pottery tool sets, you can find them through Amazon https://www.dickblick.com/products/kemper-pottery-tool-kit/
Pottery Fettling Knife	https://www.dickblick.com/items/30349-1020/ X-act knife, Plastic Knife, metal serving knife can be used.
Dowel Rods or wooden Strips (3/16") is in the provided kit	1/4", 3/8", 1/2"---Various thickness for your needs(Length for small pieces 12", Long/Large pieces at least 18". A pair of the same size)---Hardware or craft store Pottery sets option; https://www.theceramicshop.com/product/17797/thickness-strips-set-3-bamboo/ Painter sticks can be used, too. (need 4 to make a pair of 1/4")
A Rolling pin	https://www.amazon.com/Farberware-Classic-Wood-Rolling-Pin/dp/B005D6GFFA/ref=sr_1_1_sspa?dchild=1&keywords=rolling%2Bpin&qid=1594332962&sr=8-1-spons&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEyVUIZSU9CRTZITE1FJmVuY3J5cHRIZElkPUeWnNjA3NDUyRTY3MldCEhKUKNKJmVuY3J5cHRIZEFkSWQ9QTawMDAxNjNlNk9MUFcxQVFRMEgmd2lkZ2V0TmFtZT1zcF9hdGYmYWN0aW9uPWNsaWNRUmVkaXJlY3QmZG90b3RMb2dDbGljaz10cnVI&th=1 https://www.dickblick.com/products/solid-maple-slab-roller/
pottery banding wheel <i>Not required but Highly recommended</i> <i>*this is a very useful tool for Handbuilding clay projects. This can also used when you do brush paintings.</i>	Shimpo (I use 8 3/4") is the best but Amazon one is good for large pieces https://www.dickblick.com/items/30260-4808/ https://www.amazon.com/dp/B00PR9R4TO/ref=sspa_dk_detail_3?psc=1&pd_rd_i=B00PR9R4TO&pd_rd_w=3u931&pf_rd_p=48d372c1-f7e1-4b8b-9d02-4bd86f5158c5&pd_rd_wg=0C1Q6&pf_rd_r=ZYMEEX5R1VN8SF3ZK6T6&pd_rd_r=a2c1458b-342a-45d5-b7a7-e832625a6a5d&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEySTVIQUJYNVg1NFNWJmVuY3J5cHRIZElkPUeWnNDYxNjk2M1A4OFewQINCT1ZRTCZlbnNyeXB0ZWRBZEIkPUeWnNzc2ODMwMlVlVzZUWktSNFIZMyZ3aWRnZXROYW1lPXNwX2RldGFpbCZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNRPXRydWU=
Water Spray bottle	Recycle a used cleaning spray bottle like a Windex bottle.
Plastic sheets	Large Plastic sheets like dry cleaning plastic to cover clay pieces for slow drying
Soft Paint Brushes Sand Paper(150 /220)	Various size soft brushes and one inexpensive brush(use for wax resist) https://www.dickblick.com/products/blick-ceramic-glaze-detail-brush-set/
Newspapers, poster board	Newspapers will be very used for making templates and paper stencils, and for just placing it under the clay pieces. Poster board is for making templates. A Cereal box can be used instead.
Ruler(at least 12"), Compass, Level	https://www.homedepot.com/p/Empire-9-in-Torpedo-Level-587-24/100653523 Compass is optional, You can use various size pot lids for drawing circles. Ruler is useful depending on the projects.
Scoring Tool	https://www.sheffield-pottery.com/Scratch-Wire-Brush-By-Kemper-Tools-p/kswb.htm Or a Small appetizer fork. You can also make scoring tools from tooth picks or nails.
Optional tools	Non stick oil spray, a Surform Shaver(shaping tools), a small wooden spatula or flat spoon, Soft rib: https://www.sheffield-pottery.com/Sherrill-Mudtools-Potters-Rib-VERY-SOFT-RED-RIB-p/smtrr1.htm

Work Surface

A stable table	Kitchen table, Desk, Workbench etc.
Work surface Option 1: Cloth (mini size is in the kit)	*You can use canvas, old T-shirts or pillow case--any smooth fabric <i>my favorite: Blackout lining fabric---1 yard, (I love this because of smooth texture and no fraying.)</i> https://www.joann.com/roc-lon-budget-blackout-white-white/2117232.html
Work surface Option 2: MDF board	*MDF(Medium Density fiber) board 2'x4'x(1/4" to 1/2" thick) and clamps -the size has to be larger than your board and table to clamp both. (I like Trigger clams like because they are adjustable, you need at least 2 of them)—You can purchase from any Hardware Shops <i>I use MDF board and clamps in my studio. Make sure not to keep wet clay and water for a long time, it will destroy the surface quicker. Dry it after your use</i>
Work Surface Option 3: Make your own Canvas board	You can also wrap a canvas cloth around a wooden board (1/2" thick), attach the canvas with heavy duty staples(staples should be on the sides of the board) The method is similar to making a painting canvas board but with a solid wooden board. Make sure to wet a canvas and stretch it very tightly (use clamps) when you are using a staple gun. After the canvas dry, It create a nice tight fit.)
Ware boards	Having 2-3 boards are useful. Wooden boards, Old cutting boards, Dry wall boards, Hardie Cement boards (Cover the edges with duct tapes) etc. If you don't have any, cut Cardboard boxes to the same sizes, tape 2 or 3 sheets and covered with duct tape.

Surface Design, Underglazes and Glazes

Surface Design tools/materials	Various textured clothe buttons, rubber stamps, shells etc. Sgraffito tools, Curving/ribbon tools https://www.dickblick.com/products/mini-ribbon-tool-set/
Underglazes * Use on Leather hard clay or Bisque ware for various surface design technique.	https://www.dickblick.com/products/amaco-lug-liquid-underglazes/ https://www.dickblick.com/products/amaco-lead-free-velvet-underglazes/ https://www.dickblick.com/products/speedball-ceramic-underglazes/
Cone5-6 Glazes (Need at least 3) <i>*Some of Pottery Choice glazes are very runny, Talk to me before you Purchase.</i>	https://www.dickblick.com/products/amaco-high-fire-glazes/ https://www.dickblick.com/products/amaco-potters-choice-glazes/ https://www.dickblick.com/products/amaco-celadon-lead-free-high-fire-glazes/ https://www.dickblick.com/products/mayco-stoneware-classic-glazes/

Pottery Project Kit *Provided by NAC	<i>*This mini kit will help you start small projects. You will still need a rolling pin and a basic pottery tool set.</i> The kit includes; Pressing mold (Small Wooden plaque/board); Bisque Mold, Foam (8"x8") ; a pair of 3/16" dowels; Foam(8x8); Bisque Bowl; Cloth(12x12), 2oz wax resist
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Joining Slips: *(You will learn how to make this in the first class)*

If you don't have joining clay slip, brush with vinegar and score the joining surface to connect pieces. The acidity of the vinegar breaks down the clay and create sticky surface.

To make joining slips, 1) roll the clay very thin and let it dry completely. 2) Break the dry clay in a plastic bag and make powder clay. 3)Mix just enough water to blend the clay and water to make a pancake batter consistency. 4) Let it sit for over night and mix well again.5) store it in a container with a lid. -----You can also mix shredded toilet paper in step3) to make strong paper slip. For repairing use paper slip and vinegar. (you can also make paper clay slip with vinegar)—*the paper clay slip will get moldy and stinky---add tiny drop of bleach or hydrogen peroxide might help)