

# 2013 Ceramics & Sculpture Art Curriculum Map

## McGraw HS

### (Semester Program)

Unit	Project	Content	Skills	Assessment	Essential Questions	State Standards
Introduction to Class	Review of Ceramics Techniques and Clay Properties	Ceramic information, methods, and techniques.	Knowledge of medium.	Review of Information. All projects will be assessed using the following criteria: <ul style="list-style-type: none"> <li>- Following directions</li> <li>- Effort</li> <li>- Successful completion of project.</li> <li>- Demonstrates understanding of methods and techniques.</li> <li>- Creativity</li> <li>- Neatness</li> <li>- Visual appearance</li> </ul>	What are the properties of clay?	1, 2, 3, 4
Pinch Pots	Pinch Pot	Hand molding techniques, pinch pot, glazing.	Create a pinch pot. * All clay projects will be glazed.	Production of pinch pot (hand formed sculpture). See above criteria.	How does the placement of your thumbs affect the opening of the mouth of the pot?	1, 2, 3, 4
	Curvy Mouthed Pinch Pot	Hand building techniques, pinch pot, form.	Create a pinch pot with a curvy shaped mouth.	Production of project. See above criteria.	What sort of curves work and what do not work for the opening of the mouth?	1, 2, 3
	Etched Bowls	Etching, leather clay, using tools	Use a variety of tools to etch lines	Production of project. See above criteria.	How does the temperature of the	1, 2, 3

			and design into leather hard clay.		room affect clay?	
	Ceramic Luminary	Pinch pot, slab, scoring and slipping, coil, tracing, piercing, and measuring.	Roll a slab of clay, trace and cut out a circle for the bottom. Roll a coil and flatten it. Attach the flattened coil to the edge of the base, score and slip on. Make a pinch pot and pierce it with holes for the top. This will now be able to hold a candle.	Production of project. See above criteria.	Will the fire from the candle be able to melt the clay? Why or why not?	1, 2, 3
	Honey Pot	Pinch pot, fitting a lid, attaching rims and legs, etching, design.	Create a honey pot from a large pinch pot for the bottom and a small pinch pot for the lid. Create a rim with a coil of clay. Attach 4 legs. Cut a small opening for honey spoon. Etch design into the sides for decoration.	Production of project. See attached criteria.	Why is “scoring” the clay so important? What would happen if it was not scored?	1, 2, 3, 4
Coil	Coil Pot	Coil, coil pot, slipping and scoring, glazing and firing techniques.	Create a coil pot.	Production of coil pot. See above criteria.	How does this method change the structure of a pot compared to a pinch pot?	1, 2, 3, 4

	Curvy Mouthed Coil Pot	Coil, scoring and slipping, structure, glazing, form.	Create a curvy mouthed coil pot.	Production of project. See above criteria.	Why is it important to use coils of the same size?	1, 2, 3
	Yarn Holder	Coil, scoring and slipping, using a mold, incising, piercing.	Create a yarn holding bowl by wrapping coils inside a plastic bowl (for form). Cut out and pierce sections to thread yarn through.	Production of project. See above criteria.	How is it different to use a mold rather than building a structure by hand?	1, 2, 3, 4
	Shaped Coil Pot	Coil, scoring and slipping, shape, form.	Create a shaped coil pot by layering coils inwards and outwards on top of each other to give the pot shape.	Production of project. See above criteria.	Can you create the same shaped pottery using the pinch pot method? Why or why not?	1, 2, 3
	Weaved Clay Container	Coil, weaving, slipping and scoring, using a mold,	Weave coil (strands) of clay over a container to create a weaved container.	Production of project. See above criteria.	What types/sizes of coils do you think would work best for weaving with?	1, 2, 3
	Slab/Coil Bowl	Slab, coil, slipping, scoring, spiral, texture.	Create a slab to form into the bottom of the bowl. Layer coils and form coils into spirals to build up the walls of the bowls.	Production of project. See above criteria.	Is it okay to mix different clay hand building techniques?	1, 2, 3
Slab	Thrown Slab Bowl	Slab, free formed, draping.	Create a free-formed shaped bowl by draping a slab of clay over a cylinder shape.	Successful production of project. See above criteria.	What can happen to a project if you work with clay that is too heavy or too thick? Why?	1, 2, 3

			Allow edges to fold and curve.			
	Leaf Bowl	Slab, hump and slump molds, tracing, impressing.	Use a hump or slump mold to create a bowl. Use a leaf to press into the clay and to cut out and add on to the clay.	Successful production of project. See above criteria.	What happens when plaster is used with clay?	1, 2, 3
	Doily Mirror Frame	Slab, texture, impressing, framing, doily.	Create a mirror frame by pressing a doily into a slab of clay for the texture. Cut out the center in an interesting shape. Mirrors will be attached to the backs once they are fired.	Successful production of project. See above criteria.	What other objects can you think of might create an interesting texture?	1, 2, 3
	Shapes Bowl	Slab, incising, shape, slipping and scoring.	Create a shapes bowl by using a cooking cutter to cut out shapes, lay them down and overlap them, slip and score them together in a bowl.	Successful production of project. See above criteria.	Would simple or detailed shapes work best for this project? Why?	1, 2, 3
	Red and White Clay Pottery	Slab, white clay, terracotta clay, mixing texture.	Cut chunks of white and red clay together and roll onto a slab. Press into a mold to form a bowl.	Successful production of project. See above criteria.	What are the differences between the red and white clay?	1, 2, 3, 4
	Slab Container with Fitted Top	Slab, slipping and scoring, glazing	Create a slab container with a	Successful production of a slab	What are some important	1, 2, 4

		and firing techniques, functional art.	fitted top.	container with a fitted top. See above criteria.	construction points you must consider when creating a slab container.	
	Cylinder Vase	Cylinder, functional art, etching, carving, impressing, incising, slipping and scoring, glazing and firing techniques, Sgraffito.	Create a cylinder vase that uses a variety of ceramics methods. Sgraffito techniques will be applied to decorate the outside.	Successful production of a cylinder vase. See above criteria.	What else could you use the Sgraffito technique for?	1, 2, 3, 4
Slip Casting	Ceramic Molds	Slip, mold pouring techniques.	Pour slip into chosen mold, glaze and fire piece.	Successful production of mold making.	How is casting an essential method in ceramics?	1, 2, 3, 4
Pottery Wheel	Throwing on a Pottery Wheel	Potters wheel, throwing, centering, slurry, pinching, forming, molding, etching, hand forming techniques.	Throw a piece of pottery using the pottery wheel.	Successfully create a piece of pottery on a potter's wheel. See above criteria.	Why would it be so important to make sure a lump of clay is perfectly centered on a potter's wheel?	1, 2, 3, 4
Glass	Stained Glass Magnets	Glass melting techniques, abstract art, aesthetics.	Arrange different colors and shapes of glass together and melt in kiln. Attach magnet to back when done.	Successful production of project. See above criteria.	Would the size of the glass magnet matter to it being able to work well as a magnet?	1, 2, 3
	Glass Painting	Painting on glass, mullions, shape, design.	Draw design with liquid lead, fill shapes in with liquid glass.	Successful production of project. See above criteria.	Would simple shapes work better for this project or more detailed shapes? Why?	1, 2, 3, 4
	Melting Pot with Glass	Melting glass techniques,	Combine a variety of glass pieces in	Successful production of project.	Would you be able to control what	1, 2, 3

		terracotta pot, and abstract design.	a terracotta pot and melt in the kiln. The melted glass will pour out the bottom and form and interesting, abstract design.	See above criteria.	your design would look like for this project? Why?	
Mosaics	Mosaic Vases	History of mosaics, construction of mosaics, working with plaster.	Create a mosaic vase by attaching seashells in plaster on the outside of a glass bottle.	Successful production of project. See above criteria.	Where are some other places you might find mosaics?	1, 2, 3, 4
Plaster Sculptures	Henry Moore Sculptures	Creastone, abstract, form, organic shape, filing, sealing methods, mounting techniques, texture, movement, and aesthetics.	Create an abstract sculpture using Creastone. Smooth and file edges until desired shape. Select and mount on a rock from outdoors.	Successful production of project. See above criteria.	What does “aesthetically appealing” mean?	1, 2, 3, 4
Metal Sculptures	Wire Sculptures	Wire, sculpture, metal, abstract, nylon, spray paint.	Twist a strand of wire into an interesting abstract shape. Cover with nylon and spray paint.	Successful production of project. See above criteria.	How does the appearance of the wire sculpture change one you put the wire on it? What appears that was not there before?	1, 2, 3
	Metal Enameling	Metal enameling techniques, copper, color mixing, design, resist techniques.	Create a visually appealing work of art using metal enameling techniques on a	Successful production of project. See above criteria.	How and why do metal enameling colors change when they get hot?	1, 2, 3

			piece of copper.			
Abstract Sculptures	Textured Abstract Sculpture	Sculpture, abstract, texture, color, design, measuring.	Create large abstract sculpture out of mat board. Add texture and paint to the outside surface.	Successful production of project. See above criteria.	How does adding texture to something change the way a sculpture looks and feels?	1, 2, 3

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