

# Ceramics

UNIT/ Weeks	Timeline/Topics	Essential Questions
1	<p>The Process of Clay and Working in the Studio</p> <ul style="list-style-type: none"> <li>• Basic Properties of Clay</li> <li>• Wedging Clay</li> <li>• Joining Clay</li> <li>• The drying process- 5 Stages of Clay- Greenware, Leather hard, Bone dry, Bisqueware, Glazeware</li> <li>• Touring and learning the studio and its equipment</li> </ul>	<ul style="list-style-type: none"> <li>• How is the drying process essential in ceramics?</li> <li>• How do different techniques allow various manipulations of clay?</li> <li>• What are the special qualities of clay that allow it to be both sculptural and functional?</li> <li>• What are some basic actions that are integral to creating with clay?</li> <li>• How is the kiln involved in pottery production, and how does the clay change after firing?</li> <li>• How can unfired clay be recycled and used again?</li> <li>• What is it important to know how to properly use tools and equipment in the clay studio?</li> </ul>
1	<p>Origins of Pottery</p> <ul style="list-style-type: none"> <li>• Early techniques and works</li> <li>• The study of clay begins with how the planet Earth was formed.</li> <li>• Technology has transformed the use of clay in a multitude of ways.</li> </ul>	<ul style="list-style-type: none"> <li>• What purpose did pottery have in ancient civilizations and how is it similar or different to the use of pottery today?</li> <li>• How has technology changed the way pottery is made today compared to how it was made in ancient civilization?</li> </ul>
6	<p>Pinch Method</p> <ul style="list-style-type: none"> <li>• The Pinch Method</li> <li>• The Hollow Object</li> <li>• Creation of an Original Work of Art</li> </ul>	<ul style="list-style-type: none"> <li>• Why is the pinch method an important technique in hand building with clay?</li> <li>• How can texture be a part of a successful pot?</li> <li>• How can a pinch pot be altered and create something else sculptural or functional?</li> <li>• Why is it important to know the processes of clay before creating pinch method projects?</li> </ul>
6	<p>Slab Method</p> <ul style="list-style-type: none"> <li>• Creating projects using the Slab Method</li> </ul>	<ul style="list-style-type: none"> <li>• How can using the slab method allow the potter to be more experimental in their clay building process?</li> <li>• How can slabs be used to create 2-D or 3-D pieces?</li> <li>• Why is knowing the drying process essential for the slab technique?</li> </ul>
6	<p>Coil Method</p> <ul style="list-style-type: none"> <li>• Creating projects with the coil method</li> </ul>	<ul style="list-style-type: none"> <li>• After studying the ways of traditional Native American coil methods, how do we benefit from the technological advances in Ceramics today?</li> <li>• Why is the coil method an important technique in hand building with clay?</li> </ul>

4	<p>Using Molds/Clay Puzzling</p> <ul style="list-style-type: none"> <li>• Using Various Types of Molds</li> <li>• Clay Puzzling</li> </ul>	<ul style="list-style-type: none"> <li>• How can the use of molds enhance the aesthetic appeal of a ceramic piece?</li> <li>• How has the use of molds changed the way ceramics are made today?</li> <li>• How do molds help create pieces that would otherwise be difficult to build?</li> </ul>
6	<p>Clay Sculpture</p> <ul style="list-style-type: none"> <li>• Clay Sculpture Artists throughout History</li> <li>• Techniques in Clay Sculpture</li> <li>• Creation of an Original Sculpture in Clay</li> </ul>	<ul style="list-style-type: none"> <li>• Why is the use of clay essential in the realm of sculpture?</li> </ul>
6	<p>Tiles and Mosaics</p> <ul style="list-style-type: none"> <li>• Ceramic Tiles</li> <li>• Decorative Tiles</li> <li>• Tile Mosaics</li> </ul>	<ul style="list-style-type: none"> <li>• How are ceramic tiles used throughout history similar to the way we use them today?</li> <li>• How has technology changed the way tiles are made today?</li> </ul>