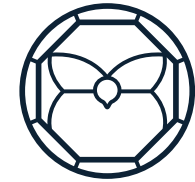


Methodology




The Eutectic Arts Program is *Challenge by Choice*

Each participant chooses a specific role such as charging the furnace, a member of a pour team, clean-up crew, safety officer, photographer, sculptor, and observer.

The process is all about making connections: mental, physical, and conceptual, and the long-term broader thinking that is developed through accepting that challenge.



Eutectic Arts

ACTIVITY	OBJECTIVES	TECHNICAL SKILLS	THERAPEUDIC VALUE
 <p>DESIGN & SCULPT</p>	<p>Engage in creative expression through a given theme or individual idea</p> <p>Exposure to a new and different mode of art making</p>	<p>Conceive and articulate design</p> <p>Transferring design idea to scratch block thinking in three dimensions, and in reverse</p> <p>Learning to create using various sculpting tools</p>	<p>Challenge to try something new</p> <p>Individual self-expression</p> <p>Positive creative thinking</p>
 <p>SET UP EQUIPMENT</p>	<p>Gaining in-depth understanding of the tools, building respect for the process</p> <p>Physical and emotional challenge</p> <p>Work collaboratively relying on the help and knowledge of others</p> <p>Communication and team building</p>	<p>Organizing / Planning</p> <p>Mapping setup</p> <p>Problem solving</p> <p>Mechanical construction</p> <p>Assembly and tool use</p> <p>Safety</p>	<p>Teamwork</p> <p>Communication</p> <p>Risk taking</p> <p>Trust</p> <p>Self-confidence</p>
 <p>OVERVIEW OF ROLES</p>	<p>Familiarize participants with the process, planned activities, and emphasize proper safety awareness</p> <p>Create teams and communication opportunities through command terms and language</p> <p>Increase confidence in ability to perform roles and participate</p>	<p>General knowledge of equipment function, how to conduct yourself on the pour field, familiarity with specific tasks and roles (why / how)</p> <p>Introduced to the choreography of the pour, dry runs, feel the weight of the equipment, test tipping the furnace, ladles, tongs, etc.</p> <p>Communication: verbal and non-verbal</p>	<p>Empowerment to choose</p> <p>Every person and role is indispensable and vital to contributing to the activity and community</p> <p>Respecting for the process</p> <p>Increase confidence through capacity to engage in new challenges, risk taking, building self-esteem</p>

ACTIVITY	OBJECTIVES	TECHNICAL SKILLS	THERAPEUTIC VALUE
 <p>MELT METAL - POUR MOLDS</p>	<p>Safely work as a team through all components of casting process</p> <p>Clear communication, judgement, attentiveness</p> <p>Transform material – transform yourself</p>	<p>Proper use of all tools and following safety procedure</p> <p>Operating equipment</p> <p>Pouring molten metal</p>	<p>Communication and teamwork</p> <p>Self-confidence</p> <p>Risk taking</p> <p>Trust</p> <p>Empowerment of self and others</p> <p>Overcoming fears</p> <p>Attention</p> <p>Spatial awareness</p> <p>Judgement</p>
 <p>FINISH CASTINGS</p>	<p>Finish your piece using additional creative methods and tools</p> <p>Make aesthetic decisions</p>	<p>Finishing tool use: grinders, sanders</p> <p>Surface coloration: patinas, stains, wax</p> <p>Display considerations: hanging, mounting, etc.</p>	<p>Pride in completing the sculpting process</p> <p>How finishing the piece relates to overall mental health and self-worth</p> <p>Value in taking on a new challenge and producing an art object</p>
 <p>CLEAN UP</p>	<p>Participating in the community effort to break down equipment, pack up, put everything away, dispose of debris</p> <p>Recognize responsibility to the environment (leave no footprint)</p>	<p>Executive Function Skills:</p> <p>Organization</p> <p>Planning</p> <p>Initiation</p> <p>Attention to detail (i.e. not losing parts and tools, everything put back in its place)</p>	<p>Contribute to the community, and the environment</p> <p>Increase responsibility and complete the process</p>
 <p>MAKING CONNECTIONS</p>	<p>Reflect upon the process and experience of creating and pouring your art</p> <p>Learn and articulate something about the transformation of the material, your piece, and yourself</p>	<p>Verbal and written communication about the experience</p>	<p>Actualization</p> <p>Self-reflection, growth and change</p> <p>Communication</p> <p>Team work</p> <p>Self-empowerment</p> <p>Recognizing and reflecting that the process of creating an individual unique piece of art in this medium is completed through the use of teamwork and trust</p>