



ArtIST

INTEGRATED INTERDISCIPLINARY EDUCATION MODULE ON ART,
ENTREPRENEURSHIP, INNOVATION AND SCIENCE



Erasmus+

Action PI-FORWARD – Support for policy reform — Forward-Looking Cooperation Projects
612898-EPP-1-2019-1-FI-EPPKA3-PI-FORWARD

Artist Tool: Dramatic Alchemy: The Theater of Improvisation

Artisttb22/ Dramatic Alchemy: The Theater of Improvisation / KTU

Title	Dramatic Alchemy: The Theater of Improvisation
Purpose	"Dramatic Alchemy" has been developed as a unique theater improvisation tool to unlock innovation, creativity, and collaboration among participants. By seamlessly blending theater techniques with problem-solving, this tool transforms ordinary challenges into extraordinary opportunities for growth and innovation.
Description	"Dramatic Alchemy" is an immersive theater improvisation tool designed to push the boundaries of creativity and innovation. Participants engage in theatrical scenarios that mirror real-life challenges, encouraging them to think and act outside the box.
STEM topics covered	Through this tool, participants explore the application of STEM principles in unexpected ways. They learn to adapt scientific and technical knowledge to address complex, real-world problems.
Arts topics	"Dramatic Alchemy" places a strong emphasis on the fusion of theater arts with STEM concepts. Participants develop creative expression, storytelling, and the ability to communicate complex ideas through drama.
STEAM approach explained	This tool exemplifies the STEAM approach by seamlessly integrating STEM and the arts. It demonstrates how the collaboration between these seemingly disparate fields can lead to innovative solutions and enriched creativity.
Setting	"Dramatic Alchemy" can be conducted in a flexible learning space, preferably a theater or open area with minimal props, allowing participants to focus on their creative expression or open public space.
Time frame	The duration of this theater improvisation tool can vary from a few hours to a full day, depending on the depth of exploration desired.
Group size	It is ideal for medium to large-sized groups, encouraging diverse perspectives and collaborative problem-solving.
Schedule and activities	• Introduction to Dramatic Alchemy: Familiarizing participants with the tool's principles and objectives. • Theater Challenges: Participants engage in a series of individual improvisational performances carefully crafted to represent real-world challenges. Other students build up on previous stories. They are encouraged to fully immerse themselves in their roles and explore creative solutions. • Problem Representation: Emphasis is placed on accurately representing the challenges presented through improvisation. Participants work individually although have to collaborate by contributing to previously presented improvisation. • Reflective Discussions: After each scenario, participants gather to discuss their experiences. They analyze how the improvisation process helped them gain fresh insights into problem representation and potential solutions. • Reflective Discussions: Encouraging participants to analyze and discuss their experiences, drawing parallels to STEM and innovation. • Innovation Showcase: Participants present their innovative ideas inspired by the improvisation experience.

Age group / level of study	
Preparation needed / pre-requirements	No prior theater experience is required. Participants should come with an open mind, a willingness to participate, and a readiness to engage in creative problem-solving.
Instructions for students	Participants immerse themselves in theatrical scenarios, embrace the challenges presented, and explore innovative solutions while drawing inspiration from STEAM concepts.
Instructions for facilitators	Facilitators with a background in theater and STEAM education guide participants through the improvisational scenarios, fostering creativity, critical thinking, and collaboration.
Lessons learned	Strong leadership and guidance from facilitator is needed
Additional materials	None were required. Participants used their bodies and environment for their performance
Inspiration if any, sources	"Dramatic Alchemy" draws inspiration from the rich tradition of theater arts and the innovative spirit of problem-solving found in STEM fields.
Show me more (button)	
Author / organization	Gediminas Ilonis, Aiste Vaisnore, KTU