

STEAM Exploration Through Klimt's Art - description

This workshop aligns with the interdisciplinary nature of STEAM, showcasing how the mathematical principles in Klimt's art harmoniously blend with the technological innovations, engineering mindset, and artistic expressions. By exploring Klimt's works, participants gain insights into the profound relationship between STEM disciplines and artistic creativity, fostering a deeper appreciation for the interconnectedness of knowledge and innovation. Through hands-on activities, they apply these principles in their own creations, promoting a holistic understanding of STEAM in the context of visual arts.

In this 3-hour workshop, participants will immerse themselves in the realm of STEAM by thoroughly exploring the artistry of Gustav Klimt. The objective is to reveal the mathematical and technological intricacies embedded within Klimt's art, highlighting the dynamic interplay between STEM disciplines and the sphere of artistic expression.

It will require a set of materials to facilitate a comprehensive exploration of STEAM through the lens of Gustav Klimt's artworks. Essential resources include visual materials featuring Klimt's masterpieces, providing a visual reference for participants. To enhance presentations, a projector and screen will be utilized to showcase the intricate details of Klimt's art. Participants will be equipped with writing materials and sketch pads to engage in hands-on activities, fostering a direct connection with the artistic concepts discussed. Additionally, participants may opt to use digital devices for research and further exploration, allowing for a dynamic integration of technology into the workshop experience.

The workshop begins with a 10-minute introduction to what STEAM means and the importance of Gustav Klimt when it comes to art, setting the stage for an immersive exploration. This aims to contextualize the following exploration, offering participants insights into the interconnection of various

During the next 40 minutes participants will explore the mathematical dimensions present in Gustav Klimt's masterpieces. The focus will center on the meticulous examination of geometric shapes, intricate patterns, and the deliberate application of the golden ratio within Klimt's artistic compositions. This immersive journey aims to unravel the mathematical intricacies inherent in his works. Subsequently, a discussion will ensue, delving into the profound impact of Klimt's utilization of STEM principles on the depth and overall composition of his art. By scrutinizing these aspects, participants will gain a nuanced understanding of how mathematical precision and artistic expression harmoniously converge in Klimt's creations, reinforcing the interdisciplinary nature of STEM in the realm of visual arts.

After that, in a 25-minute session, participants will delve into Gustav Klimt's pioneering use of materials, with a specific focus on the application of gold and silver leaf in his artworks. This exploration aims to unravel the innovative techniques employed by Klimt, emphasizing how these artistic technologies were groundbreaking in his era. The discussion will shed light on the transformative impact of Klimt's material choices, providing insights into how his utilization of gold and silver leaf contributed to the distinctive visual language of his art and positioned him as a trailblazer in the integration of technology within the artistic process during his time.

In this 30-minute segment, attendees will engage in an exploration of Gustav Klimt's pivotal role in the Secession movement, focusing on how he championed innovation and a move away from traditional art forms. The session aims to elucidate Klimt's influence in breaking artistic boundaries, emphasizing the engineering mentality that permeated his approach. Through an in-depth discussion, participants will gain insight into how Klimt's involvement in the Secession movement not only marked a departure from artistic conventions but also displayed an engineering-inspired spirit that sought to redefine and innovate within the realm of the visual arts.

During the 60-minute "Interactive Activity: Creating Klimt-Inspired Art," participants will be supplied with art materials to embark on a hands-on creative journey. Encouraged to draw inspiration from Gustav Klimt's artistic style, participants will be prompted to craft their own unique artworks. The emphasis will be on incorporating geometric shapes, intricate patterns, and innovative techniques reminiscent of Klimt's iconic approach. This interactive session aims to empower participants to

express their creativity while applying the principles explored in the workshop, fostering a direct and personal connection with Klimt's artistic legacy and the broader themes of STEAM integration.

Finally, in a 15-minute segment participants can engage in a discussion focused on their individual creative processes and the seamless integration of STEM elements into their artistic expressions. The session aims to gain insights into how participants have applied mathematical principles and artistic techniques inspired by Gustav Klimt. The speech will delve into the ways in which Klimt's influence is perceptible in his creations, emphasizing the interconnection of art and mathematics. Through this thoughtful exchange, participants will gain a deeper understanding of how exploring STEM concepts has enriched their artistic endeavors, fostering a broader appreciation of the synergy between these seemingly disparate disciplines.

<https://www.wien.info/de/kunst-kultur/jugendstil/klimt-in-wien-349898>