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Research Article

THEORETICAL SOLUTIONS FOR INTEGRATIVE TEACHING OF FINE ARTS AND ENGINEERING GRAPHICS WITH VARIOUS DISCIPLINES OF STILL LIFE, CONSISTING OF GEOMETRIC SHAPES IN PENCIL PAINTING

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ABSTRACT

Through this article, it is necessary for the authors to draw attention in students to the description of what constitutes integrity in terms of location and composition of existence, methods of constructing a still life, logical connection between objects, and when describing these objects, it is necessary to draw attention to the horizon line, the ratio of geometric shapes, the correct finding of, the ability to correctly identify shadows and lights in geometric shapes, and to find the invoice of geometric shapes, the subjects of Fine Arts and engineering graphics were also briefly covered by various methods of integrative reading with different disciplines.

KEYWORDS

Geometric shapes, fine arts, engineering graphics, integration, still life, history, progress, nature, artist, creator, subject, perspective, genre, sphere, cube, prism, cone, cylinder, architecture, equator.

INTRODUCTION

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The cultural values left by humanity are not only those that have remained or are created by people of the past, but also reflect human intelligence, thoughts and thoughts about life. Studying the history of world art, understanding the patterns of its development, acquaintance with rare monuments means learning the formation of ideological and aesthetic views of people of the past, studying their feelings, life experience. Still life comes from the French, which means inanimate nature. Still life is considered a genre that perfectly reflects the inner world of every creative artist.

The image of the creature around us from the point of view of its location and compositional integrity, thus, the work written by each Creator in unity is called a still life. Still life depicts everyday objects, parts and objects extracted from nature, weapons, wildlife objects turned into objects, etc. When drawing a still life, first of all, you should choose objects of a clear shape, without unnecessary decorations, uncomplicated. After that, it is necessary to make a still life, based on the rules of drawing up a still life. It is necessary to pay attention to the logical connection between the selected objects, and when depicting these objects, it is necessary to be able to correctly find the horizon lines, the ratios of geometric shapes, the reference points of geometric shapes, correctly determine the plane of objects, correctly represent the volumes of geometric shapes in nature, observe the laws of perspective, correctly determine shadows and light in geometric shapes, and also find the texture of geometric shapes. They must know the methods.

Artists can also complement still lifes with themes of people, animals, and birds to enrich their work. Still life is a genre of fine art in which the main characters of the work are simple things. These can be not only inanimate objects, but also living beings. However, according to the artist's idea, birds, animals or people in a still life play a secondary role, only complementing the main motif of the painting. Looking at a human being, you see geometric shapes in everything (sphere, cube, prism, cone, cylinder, etc.) Figure 1.

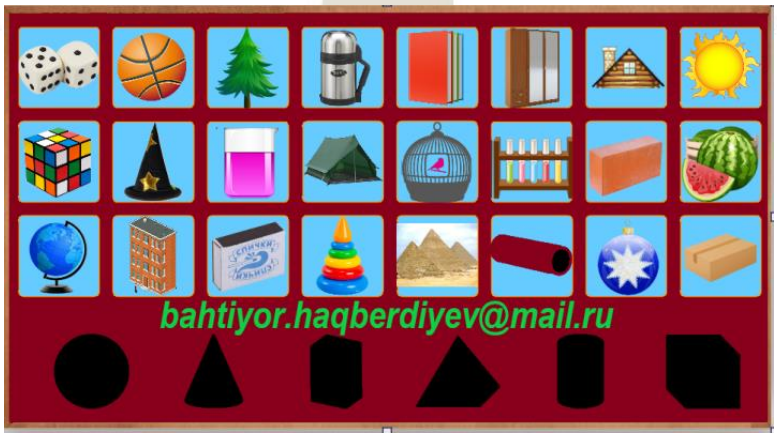

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Figure 1. Geometric shapes

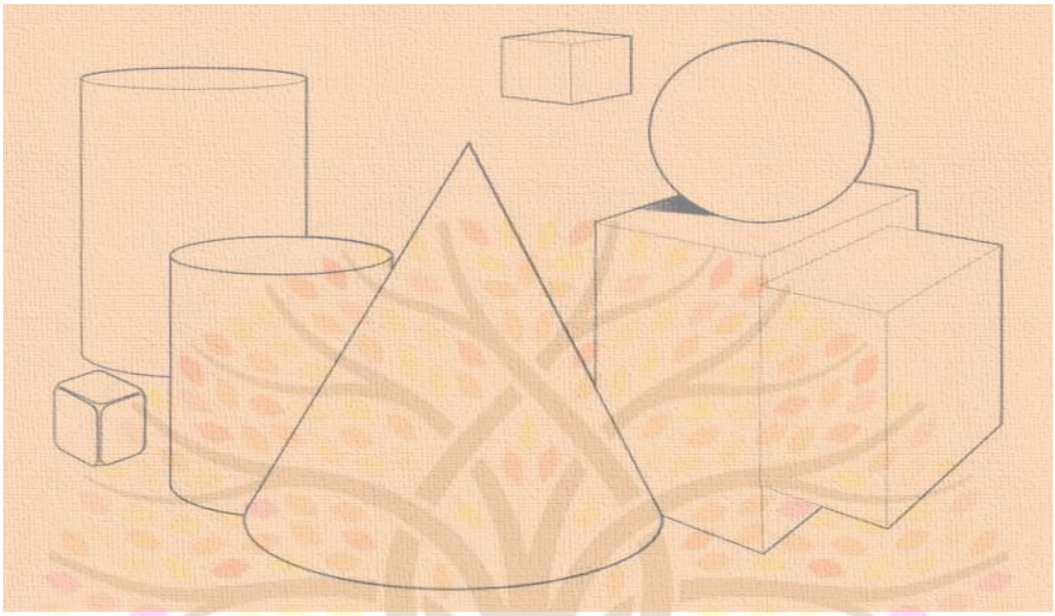

Figure 2 drawing geometric shapes in pencil

In the science of architectural pencil, painting and sculpture, students of architectural specialties should closely monitor everything that exists as they become familiar with the subjects. Especially for a student who is currently studying still life, it is better to start with a still life consisting of geometric shapes and bodies. Pencil painting of geometric shapes is mainly done in a style from simple to complex. To do this, it is important to depict geometric shapes, as indicated in the training programs Fig.2. Pressing a pencil to the surface of the paper with the same force and drawing, paying attention to the equality of the distances between the lines, is of great importance for the correct execution of the geometric shapes being drawn. A boigan object having a circular (spherical) volume when executed, the above line becomes darker when drawing as an ellipse and approaches the equator of the object. In particular, in the visual arts, the importance of integration-based learning is invaluable in developing students' knowledge in the field of color science, color technologies and in expanding their knowledge in the field of composition. Integration is an expression of the unity of goals, principles and content of the organization of the educational process, the result of which is the formation of a qualitatively new holistic system of knowledge and skills among students.

Scientific work is underway in the world to improve the effectiveness of teaching fine arts and engineering graphics, further develop students' knowledge, skills and abilities, and integrate the content of the fundamentals of

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related disciplines. This, in turn, allows students to apply the acquired knowledge, skills and abilities in designing, comprehending the content and forming an artistic imaginative imagination, integrating fine art and engineering graphics with various disciplines. In particular, in the formation of professional competence of future specialists at the educational institutions of Indiana Purdue University in Indianapolis (IUPUI), the University of North Carolina at Wilmington (UNCW) and the University of East Anglia (University of East Anglia), as well as at the universities of Bradford (University of Bradford) in the field of fine arts, engineering graphics, computer graphics, graphic design orientation, computer drawing geometry, creation of spatial objects in 3D simulators, modeling of the educational subject and tools with the help of visual and graphic programs and the integration of disciplines from them is becoming important.

Today, the key issue is the organization of the educational process based on integrative learning, taking into account the fact that a perfect program, an improved textbook, modern methods and technologies affect the correct organization of the educational process, which consists in creating new, effective, improved methods and technologies to improve the quality of education, testing them in practice and forming a more perfect orientation in this the process. Education based on the integration of various disciplines of fine arts and engineering graphics is of particular importance. Thus, the renewal and development of the education system are elements of a single interconnected and interdependent process of development of society and the country in the context of increasing integration into the world community.

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