

USING THE LAWS OF COMPOSITION IN DESIGNING PATTERN ELEMENTS

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Abstract: This article discusses the importance of composition in designing pattern elements, the laws of composition and how to create beautiful works of art from pattern elements by following them.

Key words: painting, composition, layout, rhythm, stylization, symmetry, asymmetry, proportion, volume, single branch, rapport, double branch.

The introduction of modern technology and equipment into life is constantly improving and changing people's ideas about their place in life, forming new ways of understanding the world, and opening up new means and methods of spiritual and practical self-realization.

Indeed, creative research in education is successful only when it is based on a genuine scientific theory, the laws of development of society, the theoretical foundations of education, a broad system of knowledge about the forces that activate the development of the individual and the conditions for its formation.

The rise of human factors, the transformation of his living conditions and the transformation of man himself, have become the general basic criterion of education in the present time. Human activity in each historical period of the development of society differs in various manifestations, in various forms of activity. However, business relations, the connections between them remain constant and general. They are the foundations upon which the system of activities is built.

One of the pressing problems of today is to improve the education system, based on achievements and successful research in the republic and abroad in the fields of education, science, engineering, technology, economics, and culture, and to ensure its continuous development as a single educational and scientific research complex. It is necessary to develop the scientific foundations for the creation and implementation of new, modern state educational standards, a mechanism for the interaction of the education system, science, and training of competitive personnel at different levels of labor and employment, and to improve their skills.

To increase the role of the ideas of the ideology of national revival in the education of students and specialists, to scientifically and methodologically enrich the educational process at all levels of the continuing education system, to introduce advanced innovative pedagogical technologies into the

educational process, to provide didactic and methodological support, and to implement them in practice based on the foundations of new pedagogical and information technologies. It is necessary to plan scientific research.

Indeed, human creative activity is an important factor in its all-round development, and it cannot be imagined without aesthetic perfection. Human life is surrounded by objects and things. Colorful objects and objects give beauty and elegance to everything, and encourage a person to look at them through these laws.

The art of painting is of particular importance in raising the young generation to become well-rounded individuals who meet the standards of the world.

The art of painting, along with other types of applied decorative art, has developed on the basis of compositional components, has manifested itself as one of the types of art with its own direction in compositional laws, methods of execution, and, of course, color harmony.

There is a certain connection, as well as a commonality, between the artistic processing of local and various objects in the art of painting and the pattern compositions used in the national decoration of buildings. The elements in the pattern form the main parts of the pattern compositions, consisting of the simplest stylized representations of the flora and fauna, which are reused.

One of the main and most complex stages of the art of embroidery is the creation of a pattern composition. Pattern compositions are performed in the form of single (single-row) and double-row (double-row or double-row) knots. Patterns acquire symbolic meaning and content depending on the use of their color and elements. When learning to create pattern compositions, certain procedures and rules are followed, and the process progresses from simple to complex. Of course, color tones also have a special place in pattern compositions. In the art of painting, in addition to pattern elements, ornaments and various shapes, the laws of composition, the types of paints used in painting and their specific properties, color tones, color hues, color harmony, and the like are of great importance.

It is worth emphasizing that if we study the patterns created by folk craftsmen, we will see that they were subordinated to one or another color scheme, that is, they were created under the influence of color. Therefore, pattern compositions made in the colors of brown, emerald, sky blue, turquoise, green, purple, and the like have been designed. Several shades of one color are used in the painting of the created pattern compositions, while white paint plays the main role in preparing the color shades, and in turn, one pattern composition consists of several It can also be colored.

When painting patterns on paper with watercolor paints, water, together with white paint, is important as a medium for dissolving the paint. It is important to remember that when mixing certain paints with each other, some necessary precautions must be taken. For this reason, if another color is mixed into a dark paint composition, its color will certainly darken. This, in turn, affects the degree of lightness or darkness of the color. In particular, the colors of pattern compositions worked in oil paints are more likely to darken and darken over time. If the item being decorated is a household item, a sports item, or is used on architectural monuments, and is intended for long-term storage, it is recommended to paint it in neutral colors.

Islamic patterns are also called causal running because they represent the movement of elements in a natural pattern in one direction. For example, when we look at patterns that depict plant elements such as magnolia, shirmovuq, and the like, we can clearly feel that the paths in the invisible, silent pattern are moving in one direction, just like in nature.

Usually, floral patterns are depicted in single (one) or double (two) bands, depending on the application. Examples of them include: ruta, hoshiya, raftor, namoyon, mehrab, turunj, munabbat and other patterns.

The connection of pattern elements with each other - their combination - creates proportion and ensures the integrity of the pattern composition. Every young person who is dedicated to the art of painting should first begin by practicing drawing the elements used in creating the pattern while learning to draw. It is usually appropriate to draw the elements of a floral pattern, dividing them into groups. For example, you should first practice drawing leaves, flowers, ribbons, fringe, lace, and other elements from easy to difficult, from simple to complex. Before drawing, start by lightly tracing the surface of the paper with a black pencil and drawing the pattern elements in schematic grids.

On each page of the notebook, just like practicing letters in elementary school, they draw and study one element over and over again until they are perfectly drawn. During the exercises, special attention is paid to the rules of symmetry and asymmetry, and they learn to work diligently. Depending on the hardness and softness of the graphite, black pencils are divided into three types: hard pencils (T, 2T, 3T or H, 2H, 3H), soft pencils (M, 2M, 3M, 4M or B, 2B, 3B) and medium-soft pencils (TM, HB, F).

After mastering the drawing of pattern elements and starting to draw smoothly, move on to drawing simple patterns in road work. To draw patterns in the road, first draw a general outline of the composition on the surface of the album, draw checkered sections, and draw auxiliary lines.

Patterns in the road are usually considered a continuous border pattern. To draw this pattern, the path on the previously selected outline is drawn as a straight line, the continuation of the pattern is planned, and the pattern is drawn by dividing it into sections. It should be emphasized that if we study and analyze them carefully, we will witness the generalization of various elements to create various pattern compositions.

When designing a pattern for square work, an equilateral rectangle is drawn and divided into sections depending on the placement of the pattern. The patterns in square work are completed, because the pattern is sketched according to the surfaces of the pattern in this way.

The Ushburshak pattern, like other patterns, is created by applying it to the surface, but if it is necessary to connect to the road pattern, the pattern on the ushburshak should consist of similar elements and shapes, otherwise it will not fit.

The pattern in the circle work is often drawn in the middle of the surfaces. A circle is drawn with the required diameter and a pattern is drawn on its surface along the above-mentioned lines to create a pattern composition.

Composition is of great importance in painting, and it is built according to its own laws and rules - periodic repetition (rhythm), proportion (proportion), symmetry and centering, stylization (repetition), the most beautiful unity (harmony), color harmony and mutual brightness (contrast).

Composition, or arrangement - the correct placement of a pattern composition on a surface.

Rhythm - the periodic repetition of pattern elements at a certain distance in the same plane.

Stylization (repetition) - the depiction of the plant, animal world and various objects in nature in their simplest form, generalization in an artistic way.

Symmetry - the correspondence of proportions to each other, derived from the Greek word.

Asymmetry is a violation of the symmetry of the composition.

In painting, there are stages of composition and their composition. In short, the content, meaning and essence of the pattern depend on how and in what way the composition is drawn. Each composition is distinguished by its content, symbolic meanings, the presence of certain forms and the brilliance of colors. What should be considered when creating a pattern composition?

- a) maintain the proportions of the pattern elements;
- b) create a pattern composition that matches the chosen shape;
- d) emphasize the shape of the flower as the main focus;
- e) depict elements such as flowers, branches, leaves, and flowers in the composition in a manner that matches the movement of the branch.

Every object used in life is made up of its own geometric shapes, and therefore pattern compositions are also formed in a certain way. That is why we will first start by practicing drawing pattern compositions that look more realistic on the surface of geometric shapes. They are performed on topics such as creating a pattern composition in the work of roads, squares, triangles, circles and polygons. For this, it is necessary to have the skills to use a ruler, compass and other tools well. Because most of the patterns are built on the basis of auxiliary lines.

In the work of each form, it is important to maintain the symmetry of the patterns being drawn, to take into account the suitability of the elements used for the form, their growth in a certain ratio and their interconnection. The main border of the patterns, which connects it, and the various figures of the lines of the form, which increase the color of the compositions and make it easier to apply them to surfaces. A pattern is selected based on the surface and a composition sketch is made. First, color schemes are selected for the sketches and paints are tested.

Indeed, woodcarving, folk crafts, and applied decorative arts have always held a special place in people's hearts with their antiquity and charm. In particular, the art of painting is rich in traditions. The working methods of folk craftsmen are also distinguished by their color and richness. The artist

skillfully uses the natural brilliance of colors and the texture of the material in his work, achieving bright expressiveness. Humanity has always improved and decorated all the clothes, household items and household appliances that it considers necessary for itself. In addition, all kinds of artistically decorated objects and equipment have their own decoration methods and artistic processing steps for materials. Such decorative and processed objects give people aesthetic pleasure and further enhance their love for life. The paintings, jewelry, pottery, embroidery, ganshkor, and wood carvings, painstakingly crafted by skilled craftsmen, are considered historical treasures and spiritual values not only for today, but also for future generations.

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