

## STUDYING THE IMPORTANCE OF DRAWING AS A PRIMARY TOOL.

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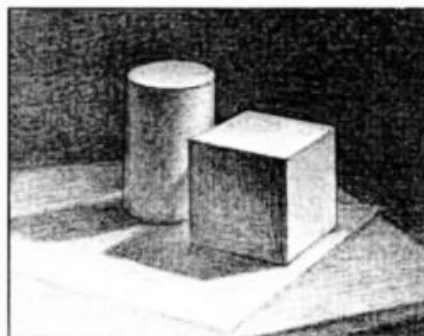
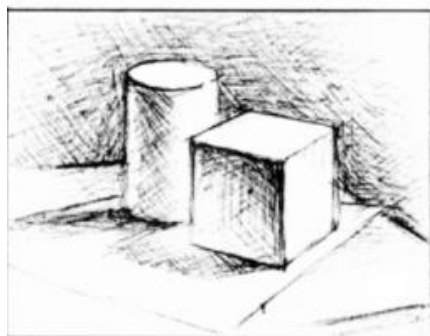
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**Abstract.** The science of pencil drawing is considered the basis of fine art and has an independent direction . It also has criteria such as length, width, height. A type of art based on the principle of voluminous, dimensional representation of what is depicted .

**Keywords:** Pencil drawing spatiality, integrity, shadow-light contrast, silhouette , spatial perspective , reflex ratio.

### Visual practical materials

It should be known that the edges that are parallel in nature meet at a certain point of the horizon in the picture. Having determined the direction of the lower and upper horizontal edges, two vertical edges are passed from the left and right borders of the cube, and in this direction, the vertical the visible part of the border



is determined. In this case, it is necessary to monitor the mutual width ratio of the borders and the height

of the front vertical edge . Correctly drawing the lying angles of the horizontal edges on the cube and observing the dimensions of the visible border will ensure a successful drawing. At the time of drawing the simplest geometric shapes, it is necessary to master the skill of description and draw not only the visible sides of that shape, but also the invisible sides . If the form is not fully perceived, then the finished picture will be really distant.

For this reason, the picture is called *linear-constructive* according to its characteristics , and the general structure of the body, its constructive features are understood through lines (just as the figure is projected with the help of X-rays). lower foundations are made. All horizontal edges (when they are continued) must intersect at a certain point on the horizon line . It is also important to control the width ( angle of rotation) of the upper and lower bases. When an artist draws the same shape several times in different situations ( in terms of changing horizons and



other conditions), he is sure of one thing : the closer the shape is to the horizon line, the more shallow it appears, and the farther away from the horizon line, the more wide-angle it appears. In this case, the basis for determining the ratio of the border, the location of the edges and their connection on the horizon line is considered for each case .

the order of fabric and cube drawing may be slightly different . It is known that to build a house, first of all, a suitable land area is selected and a plan is drawn up for the construction of the building based on the size of the future house.

After mastering the method of drawing a cube below the horizon line , it is appropriate to draw cubes placed in different situations, cubes located below or above the horizon. To complete the drawing, the edges of the cube are given a thicker tone, and from the auxiliary lines, only those that connect at the horizon line are left. These left auxiliary lines allow you to check how correctly the drawing is drawn . The edges of the cube being drawn are sharpened by moving the pencil very gently. Because the body that is far from the artist should look softer and gentler than the body in his eyes. This method makes the picture more charming and impressive. It is intended to check the picture at the workplace itself. For this, the easel on which the picture is drawn is placed near the original object . As a result, it becomes possible to compare the picture with the object in nature. If an error is found in the image, it must be corrected immediately . To describe any body, first of all, its composition is worked on. Simple geometric shapes are no exception . Objects are drawn smaller than their original size in educational pictures. While drawing a picture of a body on the paper, it should be placed higher than the geometric center of the paper surface, above the intersection of the diagonals . A larger space is left on the left and right sides so that the image does not protrude .

appearance of all complex and diverse objects can always be described on the basis of simple geometric shapes. The line-constructive drawing sequence is based on this rule (the principle of depicting based on geometric shapes), unlike simple sketching . It is necessary to start drawing geometric shapes from nature by drawing the precise position of a cube, prism and pyramid.

Below we will consider an example of a cube located below the horizon line and illuminated from the upper front, performed in 5 methodical steps. (Figure 3)



*Figure 3*

1 - stage. Based on the outermost sides of the figure, placing it on the surface of the paper, imagining its visible and invisible edges, and determining the first signs of perspective, depending on the proportions of the sides, height, and the state of movement.

2 - stage. Describing the structural structure of the figure with light lines, determining the perspective reduction of the sides through the connecting point along the horizon line.

3 - stage. Define cube aspect ratios and perspective views with darker lines, marking its drop shadow on the object plane.

4 - stage. Set the position of the integrated shadows on the shape (custom, drop shadows)... set the background color for the item.

5 - stage. Determining all the light-shadow relations of the cube shape... determining the color ratios of the sides, finding the reflective, shiny parts and bringing the task to a whole.

Below, the description of cylinder and sphere shapes is also carried out based on the stages of description of the cube shape. In this, we can see their mutual relations, the method of working by drawing auxiliary lines, based on the laws of perspective.

When describing geometric shapes, you should start with simple ones...then gradually move to more complex ones.

It is important for the student to do a lot of sketches and pencil drawings independently at home compared to the topics covered. Because the exercises done at home based on each task performed in the auditorium in parallel develop the spatial imagination, linear constructive structure, light-shadow relations, the law of perspective, the correct determination of proportions and especially the skills of image composition under the guidance of the teacher .

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