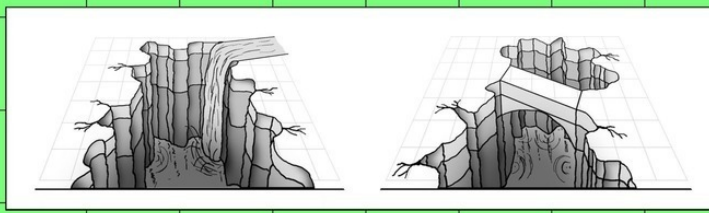
3D DRAWING

Hole on asphalt



ARTIST FARIT

Artist Farit
3D drawing. Hole on asphalt

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Аннотация

This is the first book with a lesson in 3D drawing on asphalt. The lessons are very informative and understandable. The book sets out the theoretical foundations and practical examples of applying 3D holes on asphalt. The process of drawing a 3D drawing will be explained on the simplest and most understandable examples. Each stage of the drawing process is illustrated by a separate illustration with a detailed description of this stage.For beginner artists and professionals.

Содержание

3D drawing
Hole on asphalt

Artist Farit

Cover designer Farit Artist
Illustrator Farit Artist
Photograph Farit Artist
Translator Google

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Artist Farit

3D DRAWING
Detailed course 3D drawing

Volume Three.
Hole on asphalt.

Table of contents

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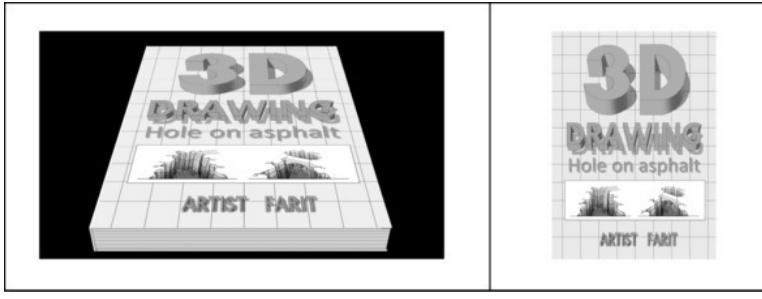
The story of one of my 3D drawings.
This drawing lasted only one day on the stairs of the shopping

center. One woman, seeing the drawing, was frightened, but when she looked closely, she laughed. Later, one of the visitors was more seriously afraid, and complained to the director of the shopping center. The director said – Remove the drawing, I do not need heart attacks on the stairs of my shopping center.

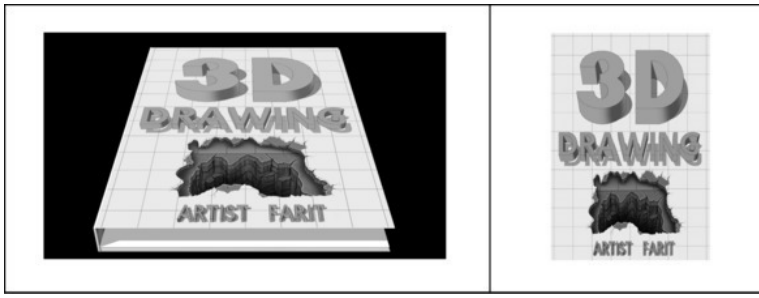
ATTENTION!

You are watching the book «3D DRAWING. **Hole on asphalt**.»



This is the cover of the book «3D DRAWING. **Hole on asphalt**. «Which you are currently viewing.

If some time ago, you bought the first version of this book, with the short title «3D DRAWING», without the addition of «**Hole on asphalt**», the cover of which is shown below.



This is the first version of the book, with the short title «3D DRAWING». no add-on «**Hole on asphalt**».

In this case, buy the book «3D DRAWING. **Hole on asphalt**.» Which you are currently viewing is not necessary. The book «3D DRAWING. **Hole on asphalt**.» contains the same lessons that are in the first book with the short title «3D DRAWING».

Introduction

Keep learning. Learn more about computers, about crafts, gardening – about anything. Never leave your brain lazy. «An idle brain is the devil's workshop.» And the name of the devil is Alzheimer.
George Carlin.

At a fairly late age, I learned to draw 3D drawings. I learned on my own, not finding instructions in books or on the Internet. I came up with a very simple and visual way to learn how to draw 3D drawings. The course teaches an understanding of how to draw a 3D drawing. Detailed explanations of the fundamentals and principles, thoughtful exercises, will help readers master the secrets of the art of 3D drawing.

The course is intended for a wide range of readers. The course will be useful to novice artists, and experienced. Errors in building the perspective of 3D drawing I have met even experienced artists. If you draw at a professional level, the book will help you deepen your perspective building skills.

The course may be of interest to teachers of geometry, drawing and drawing of secondary schools, drawing schools, colleges and higher educational institutions. 3D drawing lessons will help to make drawing, sketching and geometry lessons more

interesting for teenagers, youth and students. The course will be useful for the development of spatial, geometric thinking. For a better understanding of geometry. To improve spatial vision and imagination.

My course is a good way to interest geometry, adolescents and youth. Learning to draw a 3D drawing, a good way in a fun way, explain some of the laws of geometry. An interesting intellectual occupation, which can captivate adolescents and youth.

Drawing a 3D drawing (in some cases) is much easier than painting a portrait or landscape.

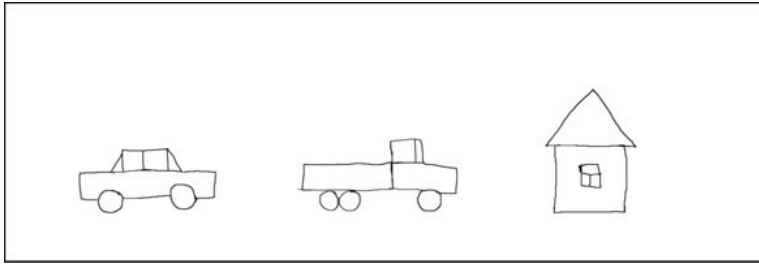
3D drawing, it is more – GEOMETRY. Geometry that is not studied at school. But from this it does not cease to be geometry. Many objects can be drawn using only a ruler and a dividers. Perhaps if my course becomes quite popular, a new section will appear in school geometry – geometry 3D drawing. 3D drawing is a kind of offshoot of geometry.

The course may be of interest to parents of adolescents and children. Joint development of the ability to draw 3D drawings is a good activity for spending family time. Occupation useful for the development of the brain of children, adolescents and parents. To distract teenagers and children from computer games and gadgets.

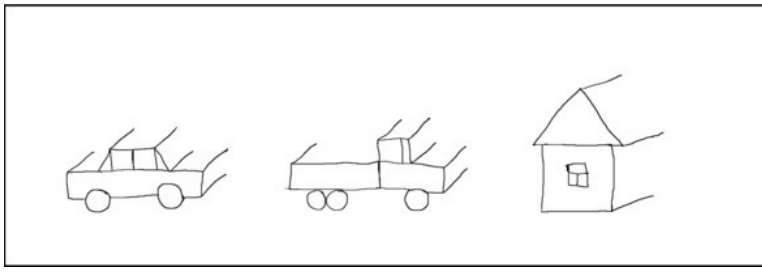
The course will be useful even to parents of 6—7 year old children. The sooner you show your child what perspective and

geometry are, the better. I began to draw «voluminous» (NOT 3D) drawings in kindergarten, aged 5—6 years. Then I did not understand what geometry or perspective is. The kindergarten teacher showed me one small «trick» how to make «voluminous» drawings from my flat drawings such as «side view».

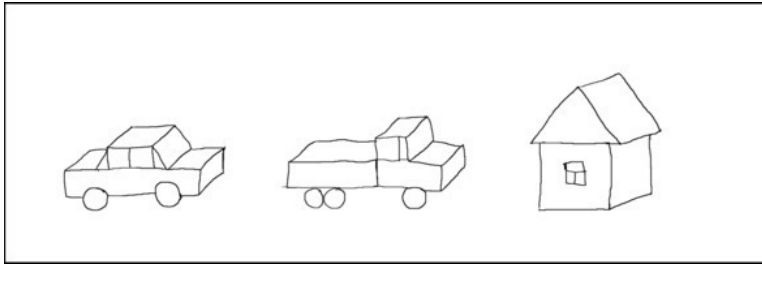
I am many years old; this lesson in kindergarten was a very long time ago. I don't remember the details, but I well remember what effect the conversion of my «flat» drawings into «voluminous» had on me. It was like an insight. Thanks to this effect, I remember that case. Perhaps that lesson, with a little «trick», started the process of mastering and understanding geometry in my brain. After that «lesson», I drew «flat» objects and turned them into «voluminous» ones. For me it was one of the most interesting activities.



Reconstruction of my children's drawings, such as «side view».



The kindergarten teacher showed me a little «trick». She drew to my «flat» drawings, segments of the same length, and in one direction.



The teacher connected the ends of the painted segments. And a «miracle» happened! «Flat» cars and the house became «voluminous».

Preschoolers should watch similar lessons. If they have a predisposition to spatial vision, it will be very useful and interesting for them. Unless they are predisposed to drawing and geometry, they will not suffer from these lessons.

Perhaps if the kindergarten teacher did not show me this «trick», I would not be able, at an older age, to independently master the 3D-drawing and write this guide on the basics of 3D-graphics.

The brain in childhood is particularly tuned to learning. The first, main and main goal of the children's brain is learning. Learning, everything that will help to survive in the race for survival, in conditions of natural selection. Therefore, children can quickly learn a second, non-native language. Learning a second language for adults is very difficult.

Surely, both the basics of perspective and the beginning of geometry, children can master in childhood better than later, as adults.

My «voluminous» drawings in childhood were not 3D drawings. 3D drawing is a bit more complicated than simple «three-dimensional» drawings. The prospect of «volumetric» drawings, in childhood, was not central, but axonometric, or parallel to oblique projection.

This type of perspective was used in drawing and painting before the central perspective was discovered and mastered during the Renaissance.

The axonometric (parallel, oblique) perspective was used in Byzantine and Old Russian painting. The Chinese and Japanese also used axonometric perspective in their paintings. Perhaps because an axonometric perspective is the easiest

to understand perspective.

If young children themselves cannot master the prospect, they will be able to be proud (and show off) of their parents who can draw 3D drawings. There is such a good saying – «Do not raise a child, he will still become like you, educate yourself.» Therefore, advice to parents of young children – Learn to draw! Children looking at you will also learn.

3D drawing is not only an interesting and developing activity for free time (hobby), but also an interesting work. Being able to draw 3D drawings, you can draw advertising (commercial) or entertaining 3D drawings. Having spent several dollars on the book, you can earn ten or one hundred times more. A small 3D drawing of medium complexity can cost from 250—500 dollars/ euro. Complex and large 3D drawings can cost a lot more.

Thanks to the ability to draw simple 3D drawings, I went to the international street art festival for the cost of just one 3D drawing. Moreover, I traveled abroad of my country, to a fairly large distance. 3000 km one way. Part of the road (2 hours) flew by plane, traveled by train for two nights, and this is only one way. At night I rode on the train, and during the day I walked around the cities, around Moscow, around Riga, along Bremen.

In addition, the organizers of some festivals compensate for the cost of the road, provide accommodation, partially provide food and woter, and give out some materials.

Being able to draw a 3D drawing, you can increase the number of views and the number of subscribers to your YouTube channel, or social networks. Many videos with 3D drawing, gaining thousands of views. Some videos with 3D drawing, gaining millions of views.

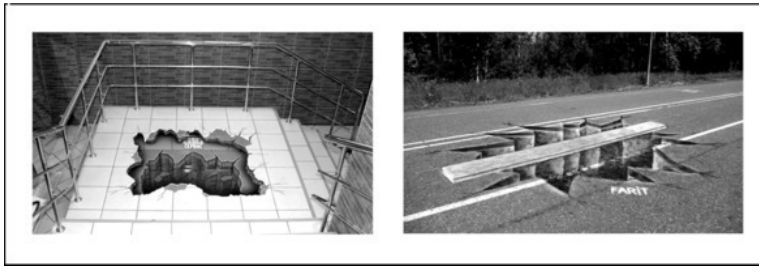
Drawing 3D, like any intellectual action, very good training and «gymnastics» for the brain. A diversified brain in any direction works more efficiently. Learning to draw 3D drawings, you will train your brain, and the brain will last you longer. Your brain will remain clarity and health longer.

By drawing 3D drawings, you will postpone the meeting of your Alzheimer, Parkinson and other older satellites for several years.

Drawing a 3D picture on the pavement is also good physical education. Drawing a 3D drawing on the pavement, you have to squat a lot. After drawing my first 3D drawings, my leg muscles were very sore. With a noticeable effort, I sat down and got up from my chair. But constantly drawing, «training», squatting, the leg muscles got used to the loads and stopped hurting.

Pit, hole, ground dips, hole in the floor

Square/rectangular pit, round pit, shapeless pit. A pit in the form of letters, numbers, hearts or in the form of any other forms and symbols.



The pit (a hole in the ground, a hole in the floor) is the simplest, and at the same time the most spectacular 3D drawing on paper and on asphalt. Moreover, the pit effect, in the case of a large pattern on the asphalt, or on the floor in the room, is visible even without a camera or video camera. Tested on yourself and other viewers.

Just in case, remember the rules of 3D drawing.

Rules for drawing a 3D drawing

The process of drawing a 3D drawing has several rules. We will get to know them as they are mastered and applied.

Rule number 1.

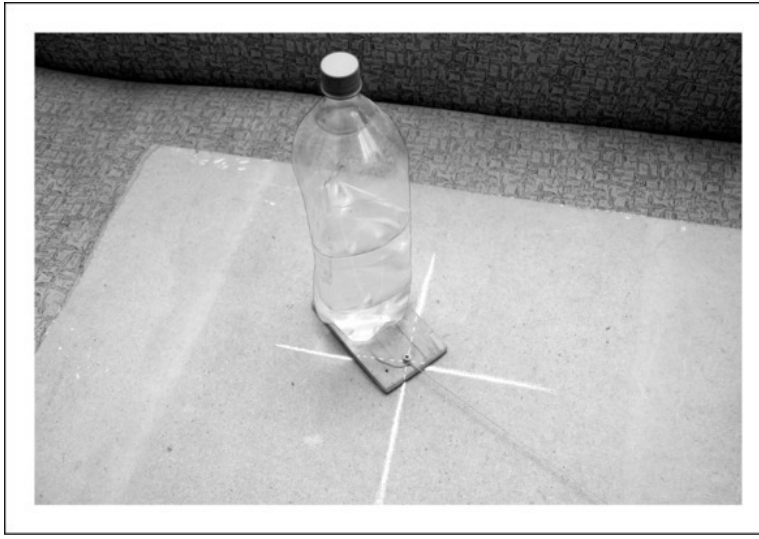
All faces, sides lying on paper, on asphalt, are drawn absolutely without distortion. If we draw a square hole, then on paper (asphalt) we draw a square. If we draw a round hole, then on paper (asphalt) we draw the correct circle. If we draw a hole in the form of a letter, number or any other symbol, we draw the contours of this object without distortion.

Rule number 2.

All «vertical», «parallel», «perpendicular» to paper (to asphalt) planes of the line of objects drawn in 3D drawing converge at one point. This point is called the «vanishing point.» The vanishing point lies on the plane in which the drawing is drawn. If the drawing is on paper, the vanishing point lies on the tablet (table) on which the sheet of paper lies. If the 3D drawing is on asphalt, the vanishing point lies on the asphalt.

The easiest way to follow rule No. 2 when drawing on asphalt is to screw a screw into a piece of plywood, tie a cord to the screw, and lay the plywood at the vanishing point. The screw

should be in the very center of the vanishing point.



We put a piece of plywood with a place for sighting, so that the screw is at the crossroads of the cross (vanishing point).

We put a bottle of water on this piece of plywood so that it does not move from this place. If there is any heavy object nearby (brick, stone), then you can put brick or stone on the plywood.

Going to the place of drawing, you can choose a suitable stone or brick, if they meet on the road. Water in the bottle is consumed, the bottle becomes lighter, and the stone does not change its weight. If you draw a lot of drawings on this site, you

can hide the found stone somewhere nearby. To use it next time.

3D drawing on the pavement

Features 3D drawing on the pavement

Drawing a 3D drawing on asphalt is distinguished by tools, materials, and the fact that a 3D drawing on asphalt can be made interactive. With a 3D pattern on the pavement, people can be photographed. Another difference of the 3D pattern on the asphalt is its size. The dimensions of the 3D drawing on the pavement are much larger than the distance between the eyes of a person, and therefore the 3D effect can be seen live, and not just in the photograph. The effect of the 3D pattern is especially good when drawing holes, soil dips, wells and other holes on the surface. Therefore, 3D drawings of pits and dips are so popular.

Materials and tools for drawing on the pavement

1. Chalk white «school». White chalk is needed for preliminary marking. For drawing white objects and white parts of the picture. White chalk needs a lot. The rougher the surface, the more chalk will be consumed. White chalk is better to buy, and take with you with a large margin.

2. Barbecue charcoal. Coal is needed for drawing shadows, black objects and black parts of the picture. Coal also needs a lot, because it is quickly consumed. You can use art charcoal, but it is much more expensive, and the result on the pavement is almost the same.

3. A long ruler of thin cord.

Thin cord 10—15 meters long. Two pieces of plywood. I have pieces of plywood 8x15 cm in size. Dimensions may vary. One piece of plywood should be such that a stone or something heavy can be placed on it. So that a piece of plywood is stationary while pulling the cord (rope). We screw a screw into this piece of plywood, closer to the short edge, or to the corner. We tie a thin cord to the screw. For convenience during storage and transportation, we wind the cord on the second piece of plywood.

Конец ознакомительного фрагмента.