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SOME INVENTIONS FROM HUMAN STRUCTURE

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Abstract:

The article is aimed at teaching the science of anatomy, in-depth study of the human structure in all its aspects, strengthening the cognitive activity of students, have modern knowledge, skills and abilities to bring up well-educated, well-rounded and spiritually mature individuals with a broad outlookwhitened.

Keywords: Arterial vessels, heart, human, femur, joints, joints, structure, muscles.

The future of our country depends on the scientific potential, talent and independent thinking of today's young generation. That is why the task of educating well-educated, well-rounded and spiritually mature people with a broad outlook has risen to the level of a priority of our state policy.

The main task of the education system today is to bring up young people as patriotic, modern knowledge, skills and abilities, capable of taking their rightful place in society - a harmoniously developed generation that strives for perfection. Today, the rapid development of science, technology and industry requires raising the quality of education in all educational institutions to a new level.

Biomimetics is one of the youngest sciences. It only appeared in the late 20th century. In the past, people were engaged in observing natureBiomimetics is closely related to biology, physics, chemistry, cybernetics, and engineering.

The strength of the famous Eiffel Tower in Paris is such that it is resistant to earthquakes and winds. German von Meyer said that the human femur can carry a thousand tons of load. Its bone small bone lattice because of the intersection. He was the inspiration for the construction of the Eiffel Tower.

The joints that hold human bones and tissues together are made up of thin fibers. This feature of shares has encouraged scientists to use them in construction and industry. The shape of the steel ropes used in the construction of suspension bridges exactly replicates human stakes.

The stakes that tie your palm to your elbow are made up of thin strands of fiber that are twisted together like steel ropes that carry suspension bridges. Each of these bonds, in turn, is made up of a more intertwined thin fiber bond that is intertwined. These thin fibers are also made up of a series of thin fiber molecules that are intertwined with each other, and the atoms of these molecules are also intertwined.spiral view will be.

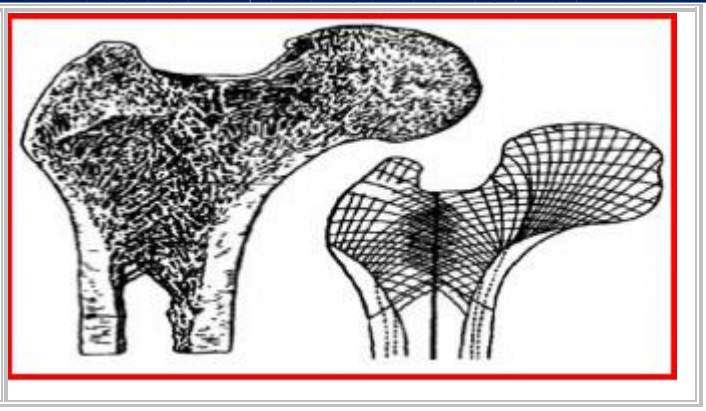
Fluids in the human body circulate in the arteries at a steady pace. The heart expands and contracts elastically and accumulates strength. During the contraction of his muscles, the energy accumulated in the arteries pushes the blood in the body to the "pipes" and "holes", such as the fuel and oil pumps of the internal combustion engine. The presence of a special elastic substance in the wall of the arteries allows this.

Even more surprising is that the fuel, oil, gas and water pipes in the vehicles will become unusable in a few years. But the processes of friction and decay in human love have been so intelligently solved by nature that technical scientists can only dream of it. Otherwise, when a person jumps and runs, the dynamic forces vary widely by several thousand Newtons, but the organism retains its ability to work for decades.

The muscles in the human body are also a miracle in themselves. While the efficiency of internal combustion engines, which are considered to be the most economical, is the latest achievement of modern technology, the efficiency is 30-35%, while in human joints this figure is 90-94%.

The ability of living organisms to function in the process of consuming minimal amounts of energy is based on the unique metabolism of animals and the exchange of energy between different life forms. By studying engineering solutions from nature, modern technologies can significantly increase energy efficiency.

Biomimetics has proven to be a very important science for modern humans facing environmental problems. After all, there is no waste in nature. Anything that dies or collapses becomes food or building material for animals, birds and insects. In nature, there is an endless cycle of substances that break down quickly and reappear



Gustav Eiffel built the Eiffel Tower in 1889 based on the structure of the femur. The femur was strong and light.

Therefore, we must study the wonders of nature perfectly and apply them in medicine, national economy and technology. This will undoubtedly have a huge economic impact.At the same time, in order to advance new technical and scientific ideas, we need to study the morphological, physiological, biochemical properties of living organisms. giving such examples in the teaching of anatomy lessons allows students to increase their interest in science.

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