

TEACHING 7TH GRADE PUPILS IN ZOOLOGY SCIENCE USING INTERACTIVE TECHNIQUES AND TECHNOLOGY

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Annotation: Zoology is a branch of science that focuses on animals. Animals always have a fun way to introduce new concepts to your readers and get them excited about learning. Because children are naturally curious, it should come as a surprise that they are curious about animals. Even children who do not have pets at home have a strong desire to learn about animals. These funny looking creatures are incredibly interesting to them as they can really have more eyes or more legs. Therefore, many students want to learn animals. In this article, opinions and comments are made on the use of interactive techniques, as well as on the teaching of Zoology to 7th grade students on the basis of technology.

Keywords: Zoology lesson, interest in students, interactive techniques, information technology, 7th grade, interactive lesson.

Basically, the science of Zoology is taught in schools in the 7th grade. Teaching in traditional methods in this process does not increase the interest of students in science. In the lessons it is necessary to use a variety of new techniques, in particular information technology. Because animal research can focus on a wide range of topics, including ecosystems and their structural populations, creatures, cells, and chemical reactions, each investigation requires its own set of tools. The importance of methodologies that incorporate the cell and its numerous components has been placed on the molecular basis of genetics, development, physiology, behavior, and ecology. Microscopy, like some physicochemical approaches for identifying and characterizing molecules in zoology, is an essential technology. Computer technology also has a special role in the analysis of animal life. Many of these new techniques are used in addition to the classic ones.

Scientific classification of Zoology is the method by which zoologists group and classify organisms according to their biological type, for example, species or species. Biological classification is a type of taxonomy used in science. Karl Linney's study, which categorized species based on their general morphological traits, gave birth to modern biological categorization. These groups have since been changed in order to better Darwin's adherence to the general origin print order. Many recent changes geltirib have been provided by molecular phylogenetics, which uses nucleic acid sequences as information. The science of zoological systematics includes biological classification. The Zoology of vertebrates is a biological science that consists in the study of vertebrates, that is, vertebrates, for example, fish, amphibians, reptiles, birds and mammals.

In addition to the continuous improvement in the technique of painting cells, the light used in the microscope can no longer be detected otherwise, so that their components can be seen clearly. In living cells can be altered to make certain certain structures. Firstly, the ability to observe living cells is an advantage of light microscopes over electronic microscopes; secondly, it requires the cells to be in an environment that kills them. A special advantage of the electron microscope is its greater magnitude of force. Theoretically, it can solve single atoms; and in biology, Malahates of low size are the most useful in determining the nature of the structures lying between whole cells and their structural molecules.

Zoology helps us to understand the beautiful nature around us. When you study Zoology, The Secrets of the beautiful beauty of uneducated wild animals and their "subordinated" nature to each of them will be revealed. The magic of the subject will help to unravel the magic of Mother Nature. Once you know the life cycles that live together in nature, you will know what peace is, and you will understand that the morals of animals are much higher than ours. Zoology lessons will teach you about the developmental, biological and behavioral characteristics of animals and animal life. The field of Zoology includes everything from the zoo to human anatomy and is valid for students entering the school of Medicine, Veterinary Medicine and Dentistry. The lessons include cell biology, comparative anatomy, physiology, and genetics. You will also

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learn about the cell structure and biology of the different classifications of animals, and you will also learn the causes of genetic changes that have occurred in the species over time.

Characterization of the components of Cell Systems is necessary for biochemical research. Students of the 7th grade are certainly very interested in modern technologies. In the process, however, the use of video rolls about various animals through computer technology is a real reflection on the students. Their specific molecular composition, for example, affects their shape and density (volume per unit of mass); as a result, the cellular components are located at different rates (and therefore it is possible. Because the study of animals can be concentrated on a variety of topics, such as ecosystems and their structural populations, organisms, cells and chemical reactions, specific techniques are needed for any investigation. Other methods of purification rely on other physical properties. Molecules differ in the proximity of the electric field to the positive or negative pole. Therefore, moving or moving away from these poles occurs at different rates for different molecules and allows them to separate; the process is called electrophoresis. The cleavage of molecules with liquid solvents exploits the difference in the solubility of molecules, and therefore they move to different degrees with the passing of the solvent. This process provides very high purity samples, because it is used to determine the position of the moved materials known as color.

If you do not know anything about animals or biology, then nature is simply like a mess. It seems that everything happened by chance. But after studying the cycles of life and the food chain, you will begin to better understand the phenomena of nature. Through the topics in the course of the lesson, you will learn from students why animals behave this way or that way. The reason for the importance of Zoology is that it gives you the opportunity to see what nature really is. It is not a random disorder, but a variety of life forms that interact wonderfully with each other. Understanding animals, having an idea of their habitat is actually very important. Therefore, we are also a part of this very nature.

Radioactive compounds are especially useful in biochemical research involving metabolic pathways of synthesis and degradation. Radioactive substances are introduced into the cells in the same way as their nonradioactive counterparts. These compounds provide information on the sites of specific metabolic activity within cells and provide information about the fate of these compounds in organisms and in the ecosystem.

Computers process information using their own common language, capable of filling out complex and varied calculations such as statistical analysis and detection of enzymatic controlled reaction rates. Computers with a wide range of data files can select information related to a particular problem and help the researcher in the formulation of possible solutions. They help to carry out regular examinations, such as scanning chromomoma preparations for the detection of abnormalities in the figure or form. Testing organisms can be monitored electronically with computers, so corrections can be made during experiments; this procedure improves the quality of data and allows for the full exploitation of experimental situations. Computer simulation is important in analyzing complex problems; as many as 100 variables, for example, salmon is involved in the management of Fisheries. Simulation makes it possible to develop models that approach the complexity of conditions in nature, the management of wildlife and the order of great importance in the study of related environmental problems.

Animal-related industries produce food (meat and dairy products), hides, fur, wool, organic fertilizers and various chemical byproducts. Since 1870-ies, there has been a dramatic increase in livestock productivity, mainly as a result of breeding and improved animal nutrition. The purpose of selection breeding is to develop livestocklikni, whose specific characteristics have strong heritable components and therefore can be promoted. Heritable components are distinguished from environmental factors by determining the coefficient of heritability, which is defined as the ratio of the gene-control character variance to the total variance. Another aspect of food production is the control of pests. Serious side effects of some chemical pesticides are critical in developing effective and safe controls. Animal food resources include commercial fishing. Shrimp Resources Development and fisheries management (for example, rice in Asia, the growth of fish) are important aspects of this industry.

In conclusion, the study of Zoology makes it possible to learn more about the behavior of animals. For example, tigers and sharks often think that they are foolish killers. But if you take into account their nature and habitat, it will be clear that they will become a threat to their activities only in the fate that people are involved in. This also leads to a good relationship with the animal world. Learning facts and figures about

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animals is not just keeping this information in your head. This will also help to understand why conservation and balancing of nature are important for the survival of people. In the 21st century, the process of lesson transition and iterative methods production through modern and nanotechnologies is also increasingly taking shape. Video materials, live images, various modern microscopes make it easier to learn animals. In addition, it is desirable to adhere to the plan of lessons of 7-th grade students necessarily an excursion to the zoos.

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