



Technology Of Creating 3D Methodical Manuals For Literary Lessons

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ABSTRACT

In today's era of rapid development, the world is everywhere is changing by the minute, generation is changing and the rising generation thinking, worldviews are different, and this process is the teacher's in today's education system to constantly search, to apply new ideas, to innovate in education increasing the need for the use of technology, ICT. In such a context of globalization, the importance of literature classes and the implementation of innovative ways of teaching is very huge. The following article looks into the the usage of 3D effects in literature classes and its effects on student outcome.

KEYWORDS

Literature, novel, 3D effect, visual aids, fiction, assessment.

INTRODUCTION

Historical and literary literature is an important factor in mastering historical processes. Taking into account the psychological characteristics of students in the use of historical and literary

literature in history lessons. Fiction and their types. Methods of using literary sources in history lessons: Recommendation of relevant literary sources, conversations about the

person and historical events on the subject in the sources, methods of using sources. The importance of fiction in educating young people to become perfect human beings.

The value of fiction is that the reader perceives reality at the level of the writer's talent, sees it with his own eyes, imagines it through his personality, through his spiritual world, and consciously acts in his practical work. determined by the achievement.

It is inevitable that the reader will fully understand the essence of the gallery of symbols and artistic means depicted in the play only if he learns to evaluate it not only as an observer, but also in terms of the results of the educational idea put forward by the writer.

As you know, the introduction of non-traditional lessons in the lessons of "Literature" and its teaching to inculcate in the content, to find new ways of teaching Public education creates the basis for compliance with the requirements of the standards. The human personality is all-round to perfection, to universal and national values in the younger generation to instill a sense of respect, a sense of pride in the national language, in the traditions of its people. The role of literature in development is invaluable. So are we and that's exactly what we do when we organize our classes we will go.

Recently, a seminar was held by experienced teachers. lessons, discussion - lessons, conversations - lessons, tests - lessons, conferences - lessons, travel - lessons. These types of lessons can lead to student indifference during class eliminates and stimulates activity in the child to think, to discuss, teaches to speak and to search and to work.

To do this, the teacher is always more than his students and constantly improves their knowledge and skills. That's the decent thing to do, and it should end there will be an active person worthy of the name. Every lesson as a

result of hard work that his work is distinguished by its meaningful, interesting originality that students are becoming more and more interested, that their students are learning in the classroom activism and cohesiveness in the study of materials, with mutual enthusiasm feels in their hearts what they are showing. Such a result is undoubtedly in the course of the lesson can be achieved through the comprehensive use of teaching methods. Current teaching methods are key to improvement one of the directions is the introduction of interactive teaching and learning methods. As a result of the use of interactive methods, students are able to think independently, analyze, draw conclusions, express one's opinion, defend it on the basis of, healthy communication, discussion, and debate skills are formed and developed.

To make the lessons more interesting and understandable, "Sync way", Methods such as "Assessment", "Concept Analysis", as well as "Text Analysis". Moreover, the same techniques can also be used because I use the same techniques changing them frequently so it can bore children.

This will make my lesson more effective. For example, using the Sync way method, students create series will be remembered once again. For example, in the 8th grade textbook, "Kuntugmish" give students the task of composing a sinkway from the face of the epic. In this case, the studentsthey take a word in a century. 1. Box 2. Big, beautiful 3. Made, stuffed, locked 4. The master made beautiful boxes 5. Box

Today is a very busy day. He is more creative than any teacher approach, the effectiveness of the lesson using new forms of education requires an increase. Especially in literature classes, if the student understands himself, can understand himself and others, the teacher can see his own shortcomings and only if they are diligent in correcting them will the lesson reach the level of discovery.

10 years ago, technology 3D printing was not very well known and widespread use, however, at present it is developing rapidly. In particular, there is a breakthrough in materials used technologies for 3D printing - are emerging environmentally clean materials. Today modern techno 3D printing logics are being actively implemented in many sectors of the economy, including medicine, industry indolence (automotive, aviation and space, military-industrial complex, etc.), architecture, science, etc.

For a more complete description development of 3D printing technology and identification of its essence it is advisable to consider what constitutes puts a 3D printer.

A 3D printer is a special device to output 3D data. Unlike traditional printer that displays two-dimensional information on a sheet of paper, a three-dimensional printer allows Send 3D data, i.e. create certain physical objects.

The advantages of such devices in comparison with the usual methods of creating models - fast speed, easy to create and low cost. So, creating a model manually home can take weeks or even months depending on the complexity of the product, resulting in development costs and time manufacturing of products is significantly higher than when using 3D printing.

There is currently no standardized classification of 3D printers. You can identify 3D printers as following signs: 1) by the used printing technology; 2) by execution (industrial, laboratory teachers and home); 3) by the number of printheads; 4) by chromaticity (one- and multi-color);

5) by the number of materials from which it prints the product (one material or several different ones); 6) by purpose (construction, food etc.) By the used printing technology 3D printers can be classified as: stereolithographic; laser (in which sintering of powder materials is carried out fishing with a

laser); with inkjet technology rationing; with layered molten printing polymer thread; with gluing technology powders; with lamination of sheet materials fishing; with UV irradiation through a photomask; with color 3D printing.

3D printing technology is based on the principle of layer-by-layer creation (cultivation) of solid model, and this printing technology itself is fast a quick way to prototype objects without mold making. Based on the digital file a 3D model, the printer builds an object in the middle by printing materials in layers. This technology needs much less raw materials than traditional way, which uses coarse trimming. Thanks to changing the configuration of the model, it can be more flexibly respond to the needs of consumers.

Application of 3D technologies in education will give a significant innovative impetus to the such areas as: - industrial design and mechanical engineering -

- the possibility of mechanical design testing, functional testing of practical skills immediately, during the educational process. 3D printing, included in the curriculum of engineering disciplines, will give students the opportunity to embody to bring your design ideas to life and ideas, thereby increasing the share of innovations in their projects; - architecture and construction - creation architectural models and structures of the most important elements, visualization of projects; - medicine - anatomical modeling treatment, surgical planning, prosthetics vanie. 3D printing technology is also essential simplify experiments in the field of biotechnology guy (for example, the creation of artificial fabrics human organs); - geography and archeology - 3D modeling localization and visualization, archaeological finds and ancient fossils; - biology and chemistry - the opportunity to create to draw full-color molecular models, clearly demonstrate DNA chains, electric chemical charge or the structure of the atom.

Students' use of 3D prints allows you to develop the design of objects, which before it was impossible to create even with four-axis milling machines. Previously students were limited in modeling and the production of things due to the lack of production tools, since they only had simple machines for processing. Now these limits negligence is almost completely eliminated due to the the ability to implement almost everything that you can but draw on a computer in a 3D program. The use of 3D printing technologies from provides a fast path to iterative modeling . Students can create 3D parts, print them, test and evaluate them. If the details do not work, second try is not a problem. Therefore, the use of 3D printing technology inevitably leads to an increase in the share of innovations in student projects. 3D printing can use not only in design and technology classes. On three-dimensional printers can be printed various art forms (sculptures, toys, figures). Forms of the most varied objects: cells, atoms, DNA, mathematical bodies, objects from different fields of science are also can be modeled in 3D and then manufactured us using 3D printers. Introducing students to the work of 3D printers and printability becomes very an important element of the learning process, especially but for students of technical specialties and designers. The first category of students has the ability to draw diagrams, exercise calculations, create drawings, and then modeling parts of buildings and engines, new devices state. Design students, in turn, have the ability not only to work with 3D-modelimitation, but also to implement the most new creative ideas: to recreate the art of ancient him of the world, sculptures, paintings, architecture, modeling of interiors and houses, development souvenirs, creation of designer collections clothes and accessories. The use of 3D printing in teaching allows you to go even further - to create a real a copy of the modeled object. This will allow not only explore the projected part, but and appreciate its other features. Moreover, learners can demonstrate

complete product creation cycle: from the design stage until the stage of implementation of parts using certain material.

The Importance of Teaching Literature in the FL Classroom

FL teachers use literary texts in class for a number of reasons. Among the most common are that literature in the TL provides learners with authentic material, input in the TL, cultural enrichment, language enrichment, personal involvement, motivation for continued language learning, content knowledge, language proficiency, and the knowledge of important literary works in the TL. In beginning FL classes, students are often required to read short paragraphs that may or may not be authentic and that are almost never literary in nature. In intermediate classes, students are introduced to literary works in the TL that are short in length and fairly easy to follow and understand. In advanced classes, students may take entire courses dedicated to studying certain movements in literature in the FL and certain authors.

Even though teaching literature is of great importance in FL study, Silberstein (1994) cautions teachers of advanced classes that they should avoid the presentation of literature merely for teaching literary appreciation because students “needn't be burdened with the apparatus of literary criticism”

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