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The Use of Teaching Aids and Their Positive Impact on Student Learning Elementary School

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Abstract

Today aids, ranging from simple and complex, as a tool for teaching and learning in education systems are used to facilitate drummer. This means in terms of the theory and practice together, provide a lasting learning, and diversity of the classroom are established, are important. According to scientific advances and technology in the present age, educational aids as an interface have been able to play its role well. Obviously, if teachers have the necessary skills to use these devices it would be better effectiveness. And believe that instead of making good use of teaching aids in improving the quality of teachers Vdbyran training will have a positive impact Teachers and proper use of teaching aids, facilitates the learning process when he makes tangible the lessons learned , in Mvadamvzshy established in the minds of students , secure learning and encourage students to learn plays an important role .

Keyword: Teaching Aids, Teaching and Learning

Introduction

"Creating an educational system capable of training people to live in a changing world is the priority of modern society. So it is not surprising that many school systems are planning new educational technology in teaching and learning processes to operate as a system of advanced training and advanced training as a result of their nation "(Le Cayenne, 2000, 93).

It is clear today that the source of all developments and innovations in public education, scientific research results and practical experiences of scientists and experts in the social sciences and education. In the meantime, the school and the most appropriate place where experiences and scientific findings thinkers and teachers of human society can be evaluated and tested there No doubt at all educational

systems, teachers play a key role, the hope of the society from every direction from Him and scientific progress and spiritual evolution of human societies any of attitude, efforts are teachers. Development and manufacturing of model, model or drawing images can also better understand the role of educational aids to show the content to learners. The provision of such equipment and materials, and the experience and guidance of teachers to guide students in this field is very important and should be objective and with its own philosophy. (Ahadi, M., 1999)

Learning is complex and requires the involvement of multiple factors and that these factors together occurs in the classroom environment is particularly important and sensitive The fundamental factors are involved in the learning process in the classroom, including the state of physical, emotional, and personality of the teacher, the content of training, etiquette training, teaching space and teaching aids.

Among these factors, as the theory and practice of teaching aids coordinates special place. Use by the teacher during teaching aids, makes the material presented in cognitive structure fit students And students to achieve significant learning regular and systematic use of teaching aids under each school can be forgotten and often the lack of teaching aids through lack of time and lack the means of justification. use of mobility aids would be in the educational system.

Background research

The inclusion of technology education in the curriculum is a short history and history does not exceed that of the 1990s, the UK, Japan and America have been the forerunners in this way and many European countries and some Asian countries such as Korea, India and Malaysia today, the kind of technology and technology education in school curricula with their collection , The most extensive effort in this regard from the "International Society for Technology Education" from 1994 with a performance of "IT project for all Americans" to develop the foundations of philosophical and logical framework of standards and the content of the program and also offers training Technology is studying at various levels.

1. Khalkhali (1976) in a review of school books along with a brief comparison of experimental science curriculum America countries and the UK has concluded that the teaching of scientific concepts in middle school science textbooks, with the acquisition of the concepts in America and Britain, not in the curriculum.

That is mentioned in the older age groups are taught these concepts to your review a number of problems he studies teachers have expressed transfer the book to students in this way.

A) Lack of laboratory facilities

B) The large number of students

C) Lack of training time and enormous volume of content

Educational aids improve the efficiency of education in terms of quality and quantity, as well as the objectivity of such equipment is up to the course. (Adgardyl 1, 1969, according to Ahadi, 1985) .

Teachers also pro-active in teaching methods and the methods to promote student achievement Robert L. Hartshorne Vramvna El. Nksvn 2 (1990) .

Science teachers do not pay attention to scientific and technological methods and this reflects the difficulties that teaching science Through continuous training and workshops teaching method resolves (Hmydarty Pnyar and Mrgyan 3, 1996) . Various reasons, cultural, educational, economic and even political technology training to build technological capabilities and preparing students for successful participation in the decision to use the technology, education tends to confirm a plan Technology in school curricula and training programs to more than is necessary. (Gastafsvn 4 Marvvl and Down 1999)

Importance and urgency of the problem

Without a doubt, the future of any society depends on the quality and efficiency of its education "of this on the efficiency and effectiveness of training programs better and more useful to society and health tomorrow will have more happiness" (booty, p. 3)

Since human attention to the issue of education and learning in the form of printed material focused on the lecture method of teaching by teachers and listen and take notes and memorize It was found that the effects of fatigue. Obviously, such a situation could not continue and cannot be sustained and this method cannot meet the needs and requirements of pupils that is why the transformation of education reaching the other changes in the field of research and training in the service of the necessary tools and materials were needed. Students in schools outside of classroom learning during the fall unconscious. Teachers are now aware of the students so that they respond to questions without deep study and knowledge can not be complete. Education officials and teachers need to know and experience together the tools and aids for learning lessons to students more than anything and have time to understand and feel. Today, when we speak of the teaching profession do not expect that we speak of a false interest But speaking as someone who provides all the means possible to learn more and collector, who tries to understand the science of how and with what means and what can be taught and learned easier and better.

Rapid advances in science and technology and with long strides in the second half of the last century compared to the past heavy duty upon all public officials in decision making, especially in the country's educational authorities. Therefore, planning in the field of education in terms of time of day, month and year is not limited, but also seeking for solutions to issues should always be considered in future Since changes in various aspects of human life with amazing speed developing and changing and these changes pose new knowledge that there are new requirements for people involved, Therefore, training should be done with greater speed and quality. For this reason, many psychologists progress of science and technology to create new knowledge and use of educational technology and instructional materials recommend because educational technology in educational issues to take advantage of the speed, accuracy and ease of teaching and learning to be. Education, training and learning needs and technology, effective use of teaching aids and techniques will be different when our schools that teachers know and believe and act on their belief. For optimal use and skills in any work that is required and to enforce it. Makes use of teaching aids students to learn to use all your senses as teaching aids tangible basis for thinking and provides concepts And therefore reduces students' right reaction. The authorities recognize the need for education and experienced teachers together and use educational tools and materials more than ever to understand and have felt. The community achieve greater prosperity tomorrow. The importance of educational equipment and materials, and to compare it with the expectation that the use of these devices is in the process of teaching, this study seeks to find out the current status of the use of materials and teaching aids at school students how?

The concept of teaching aids

Whatever the quality of teaching and learning tools to help improve education. Print media from the media that has been used in education, and other media such as images, maps, slides, film, television and other media into the education of many have influence learning.

The importance of teaching aids

Research that has been conducted shows that only 30% of the ordinary teaching of subjects taught subjects be learned As if learning the proper use of communication devices to perform learning increases of 75%. Math lessons with teaching aids including how many and what is ready-made and not to use them on their academic performance, the course had a major role.

The benefits of using teaching aids

1. teaching aids educational efficiency in terms of quantity and quality increases.
2. teaching aids can be individual learning.
3. aids provide practical training with more power.

4. Access to cultural and educational teaching aids to for all makes possible.
5. Teaching aids tangible basis for thinking and provides concepts. As a result of the reaction reduces the student's speech.
6**.** - High interest and many are students and their attention shifted to the main subject.
7. The need for gradual learning and prepare complementary and, therefore, learning is permanent.
8. real experiences are available to students and thus their activity is.
9. linkage causes thoughts.
10. development and spiritual growth are effective in the minds of students.
11. skills to fully and effectively teach students.
12. Experimental provide students with an alternative that is not possible.
Use educational tools through which students learn to use all your senses. Since 75% of learning is learned by sight and vision, this resulted in more teachers to use teaching aids and visual aids moved.
One reason why the number of teachers do not use teaching aids is to think that the purpose of teaching aids vehicles Only to train students with the aim of teaching aids are already made.
But this idea is wrong, because the disposal of surplus equipment can be a teaching aid that lesson reach the desired goals. If we Piaget and other researchers' findings are invaluable in teaching mathematics to children, we should say in one sentence: we use teaching aids to schools. No teacher should teach mathematics, especially in the early years of primary school, is without a teaching aid. We should note that we do not, of course, once the teacher can not be built without the tools of mathematics teaching and determined the , But if a teacher to understand the concepts and teaching methods are correct, and teaching mathematics in the match.

Classification of instructional media

Materials and tools of education experts and according to certain criteria have been divided into different species The doctor Ahadi divided in 6 categories consider that the last category of the newer and more fully understand :

1 . Electric and Non-electric
2. inexpensive and expensive: those who divide the chart using media such as posters, maps, globes, transparent film slides and the like into the category of inexpensive equipment such as film projectors, slide and film strip, overhead and so expensive to put right.
3. Software and Hardware: Fans of the division of media such as film, slides, charts, posters, graphs, Plexiglas transparent, model, replica, cutting and so on software and equipment, such as projectors in the category animated film, OPEC, overhead and so put in the category Hardware.
4- prints and manuscripts: a number of media such as books, pamphlets, magazines, printed materials and so on in the program have been printed and non-printed with the others in the group.
5 . simple and complex: These media such as books, magazines, motion picture film, slides, film and so on is simple, transparent and equipment, such as Animated film projectors, overhead projectors and OPEC and audio-visual recording devices and so complex in their group.
6 . fluorescent and Non-fluorescent : This division supplies equipment such as animated films, slides, videos and transparent film strip projectors to swing them in the right light and the rest will fall in the category of non-fluorescent. In other divisions in the premises of educational technology Sayyid Hashim favor and also in the production and use of expertise Teacher Training Courses The other type of media educational division, which seems to be more accurate and more complete
A) Print media: books, newspapers, magazines, microfilm, microfiche, materials planning are part of the media.
B) display media, including blackboard, fabric boards, magnetic boards and electrical panels.

C) visual media that include graphic visual media and visual media is non-graphical. Graphic visual media, including graphs, linear design, charts, cartoons, posters, maps and other graphical Korea and visual media, including images, slides, film strip, transparent films and animated films are different.
D) Audio media that contains audio that can be used in different ways. Gram pages and radio programs as well as the type of media.
E) three-dimensional media, which includes real objects and specimens and models, driver models and sandy table.
F) educational opportunities, including field trips, imitation of reality and game show (Replication) and archaeological sites, tests and invited experts and officials to class.
G) multimedia collection: the combination of media that can meet together parts of one or the other.
Multi-media education big responsibility on the shoulders of the teachers because the teacher must analyze the educational objectives of teaching and study of audio-visual material and know-how can be a series of to achieve the highest quality learning of the media that together offer training in class. Select the media in multi-media education should not only considering the suitability of any of the media for the purposes of lesson But how the media can come together to express their demands in the best way and how the media reinforces learning from other media should also be considered.

Conclusion

Today when we speak of the teaching profession did not expect that from a personal interest but we have spoken false talk that more-providing the facilities all possible means of learning. But according to research, only half of the teachers have limited knowledge of active teaching methods which could be due to teachers' motivation and negative attitude towards teaching aids And that such devices have worked with have limited information. Teachers the tools and resources available in their school to meet the needs of medium and 30% of teachers have evaluated it very much. The importance of materials and educational aids and compare it with the expectation that the use of these devices is in the process of teaching Education officials and teachers together with experience in the application of tools and aids for learning lessons students understand and feel more than anything else and at any time have But according to the study: Half of teachers and adequate facilities and teaching aids do not know that this could be due to Educational planning officials and those involved in the country's education budget to schools to purchase teaching aids to schools that have not.
91% of teachers use teaching aids to facilitate the transfer of lessons students have taken too much effective. Many psychologists progress of science and technology to create new knowledge and use of educational technology educational aids to recommend. Makes use of training aids that students learn to use all your senses because it aids tangible basis for thinking and the concepts they provide As a result of the reaction reduces the student's behavior. And so the use of educational technology and educational aids educational topics enjoying the speed, accuracy and ease the teaching and learning.
77% of students use teaching aids to improve their curricula are evaluated. Learning is very complex and requires the involvement of multiple factors and learning in the classroom environment is particularly important and sensitive. Classroom to respect fundamental difference with the external environment requires a lot more attention. Basic factors involved in learning in the classroom include physical and psychological status and personality of the teacher, the content of educational resources, rules and training, educational programs and educational aids and teaching aids between these factors in terms of theory and practice which combines and coordinates . A special place. Use of teaching aids in teaching the teacher makes the material presented in the cognitive structure of students and student fit to achieve meaningful learning. Given that 75% of learning takes place through the use of vision aids learning can be faster, more efficient, more consistent. Due to this, most students use teaching aids to improve their teaching.

Offers

1 . To inform teachers of the concept and philosophy of educational technology and teaching aids, in-service training courses can be a good atmosphere for the use of teaching aids created by teachers.
2 . Funding for schools that have the possibility to buy teaching aids.
3. Due to the economic and social status of teachers, teachers communicate with universities so that new findings are always with the knowledge and enhance the quality of their teaching work.
4. The use of teaching aids are the legal duties of teachers.
5 . Teachers of educational aids used properly appreciated and supported.
6. Evaluation system of teachers' activities (formative evaluation and summative evaluation) is one of the key criteria for the use of teaching aids.
7. It is recommended that teachers use teaching aids to show interest and enthusiasm.
8. The authorities suggested that in order to increase teachers' knowledge and readiness for optimum use of training aids, scientific publications and specialist teachers are prepared as well as meetings and conferences at the national level hold.
9. The authorities are recommended to determine the status of teaching aids in the educational system and to inform the teachers have to be formal and institutionalized.

References

President Dana, F. Liqaa, education, technology (defined characteristics and standards), Journal of Educational Technology No. 140.
Askaktr, John. Translation Soleimanpour, MR. The effect of educational technology on student achievement. Journal of Educational Technology, 41
Champion, Jafar, the effect of learning in teaching aids. Journal of Transplantation, 294- 295
Ahadi, Mohammed. Basics educational technology. Publisher of educational innovation center in Iran. Print 1985.
Taghadosiyan glory. The development of educational technology. Persian date Mehr 70
Hmsy, paradise, Shahin great daughter. Educational technology. Plan and prepare audiovisual materials production-preservation. Publication of Jaap 71
Khoei, Gholamreza. Curriculum for teaching and learning better Astan Quds Press print Rzvy- 72. Plundered, Adel. The effectiveness and efficiency of educational technology. The development of educational technology. Persian date Bahman 69