



Breakthrough Time on Education Syatem

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ABSTRACT

This article's aim is to explain and point out the importance of education in 21st century. For this purpose, at the first place, we have tried to explain how globalization and its effects and also technological developments affect to the education system by using some examples concerning with it. Then, in fact, there is a short definition of "process of acquiring knowledge" and its two aspects; internal learning and external learning. In this way, natural learning and external learning are mentioned by giving examples of five stages of learning which are early education, elementary education, middle education, higher education and lastly postgraduate education. In the first half of this article, we focused on the importance of acquiring worldview of a person. In fact we mentioned that natural learning and systematic learning with its five stages (early education, middle and goes on...) is the vital process to acquire a world view structure. In the second half of this article, we focused generally existing education system and its deficiencies, problems in 21st century are discussed thoroughly. At this point some misconceptions and some deficiencies are considered in order to try to find some alternatives and solutions to this problems. Therefore, we have tried to benefit from "Taxonomy" which belongs to Benjamin Bloom who is considerable educational psychologist.

INTRODUCTION

The fact that increasing with the technological developments and globalization, today's world, I mean, 21st century has changed very rapidly. We can see its effects from daily life to communication, from transportation to banking system and the like especially on the education system. The biggest advantage of this development to acquire the knowledge very easily, and also rapidly. For example, thereby we make the most of technological opportunities, we can search an information from library of Harvard University just in 1 second. So we can describe globalization like "increasing interdependencies and interconnection among individuals, groups and nations. It is quite obvious that, education system is affected from this process considerably. Education system has converted into a pool with the contribution of technological developments and globalisation. In case of students and academicians can mobilize where they want due to such special programmes like Erasmus- Mundus in this pool. Thanks to globalization and these programs, number of students who study abroad their own country getting increase day-by-day. For example, number of students who study OECD countries has increased and reached today 6 million. Rate of foreign students among these countries approximately % 30 in USA, % 14 in UK, %13 in Germany, % 9 in France and % 7 in Australia. It would seem that student mobility has increased with technological developments, globalization and mobilizing programs. To this end, deepening globalization will require a highly- skilled and well-trained workforce capable of making strategies, managerial and organizational decisions. We can call 21st century an "information era", because of the fact that importance of information has never already concentrated than looks like today. Especially nowadays, a great deal is being written and said about what are the effects of pre-school education on, their success, and characters and also their whole life. So, why people has given importance to preschool education today than before? Because of the fact that the more get education, the more has life world structure. Education means "process of acquire knowledge."

"The process of acquiring knowledge has two aspects: one is external, the other is internal. Internal process means is the operations of our faculties which we employ while acquiring knowledge. The external process of acquiring knowledge is on the other hand what we call "learning". This is the process which is the subject of examination here as "education". There are many external factors in the external

process such as instructors, teaching methods and others utilized in teaching and learning Abdulla Y. (Al-Hawaj *et al*,1990).”

LEARNING WAYS

Learning can be in two ways;

- The first and the most vital one is “ **natural learning**” (internal learning) which is accomplishing knowledge mainly by the use of our faculties of learning and senses. The most effective method in this kind of learning is “trial and error”. Natural learning is the way we first begin to learn things when we arrive to this world. As a result of this process a worldview is formed in the mind of the learning subject. The former starts to be formed as soon as when we born.

In our early ages we naturally have such experiences that are converted into knowledge which means the life structure is the knowledge that is available for us in this way and is primarily related our biological and daily life. In that case life structure is mostly related with our daily habits, and also it becomes sophisticated as we add to it what we learn from our social environment. we call it “structure” because our mind form it according to its natural rules and principles explained in such disciplines as logic and epistemology.

- The latter one is “**systematic learning**” (external process of learning). Actually there is no any important difference between natural learning and systematic learning as far as to think about the internal process of learning. The difference of systematic learning that include external applications of our learning faculties and as a result in the mind a more systematic worldview is formed. This situation cause a significant change in learning.

While people grow up their worldview and life structure concept has gradually developed and every people has some certain fundamental questions in their mind about the life, such as the meaning of life, from where we have come and where we are going to and the like. Try to answer to this questions, or find an answer is totally bend to conception concerning the world, I mean life world structure. This conception begin to develop via our education. What I am trying to say, if there is a good education in the society then the worldview of our minds develops furtherly. Actually there are certain concept concerning our worldview and these are effect our lives. The most five fundamentals are; life, world, knowledge, human and value. The development of these five concepts depends upon the type of education a person receives. Therefore, this point demonstrates what is the importance of education on people’s life. As a conclusion, systematic process of learning can improve people’s worldview through assistance of education. Hence, the main subject of external process of learning, is education in the real sense.

FIVE STAGES OF LEARNING

Philosophy of education reveals five stages of learning:

- 1) **The early education** period starts from the birth of an individual before the formal schooling starts. But this education should continue throughout one’s life because it concerns the life structure which is also the initial worldview. The most important component of this stage is the Life Structure. At this stage education area is home environment and also basic teachers are parents; therefore, what the parents do is very important. I wholeheartedly believe that the person is motivated to do what she/he wants to do later in life and determine his/ her learning for a career in life naturally and unconsciously.
- 2) **Elementary education** which is concerned with the worldview of the individual.
- 3) **Middle education** is concerned with the Knowledge structure within the worldview of the individual. This stage prepares the student for higher education
- 4) **Higher education** is concerned with developing the Scientific Conceptual Scheme within the Knowledge structure, this is the stage of specialization.
- 5) **Graduate education** aims at developing the Specific Scientific Conceptual Scheme

DEFICIENCIES AND NEW ASPECTS

Globalization offers both opportunities and challenges. As I said before, I talked about its opportunities like interdependencies, interconnections, mobility and the like, but there are some drawbacks of it. Instructors and teachers should ask themselves: is theoretical-based learning strategy really a successful system in order to keep up with today's globalized world by using a standardized educational system? According to Sir Ken Robinson, today's education system looks like fast-food restaurants with its standardized teaching models and noncreative teaching systems. We must know that the aim of education is to discover and recognize ability which belongs to the person and to teach using it to them creatively. When we look at the past, we can see that some educational wrongs cause to prevent realizing some talents such as Albert Einstein who is the genius one in our world and he had said that "The only thing that interferes with my learning is my education". and added imagination is more important than knowledge.

The biggest problem of today's our schools do not teaching how can be successful in real life- situations, I mean, most of graduate students think that acquiring information is necessary just to find a job, but most of them do not know how to be successful for in their jobs and also in real- life.

Furthermore, our standardized education system is insufficient to discover one's talent though our schools, instructors and teachers should discover ability and improve students creativity.

In fact, the other important deficiency of education system that people think the only absolute information is just in schools and educations and students blindly believe what the teacher say and what written in their books, at the end of this, there is no any contribution to science. Existing situation is just copying with existing science or models.

As a conclusion, in order to have successful education system we must;

- Use modern technologies in order to keep up with globalization in education system and teaching models.
- Increase coordination between schools and universities at national and also international level by using advantages of globalization.
- By realizing importance of natural and systematic learning and process of learning especially pre- school period, we must develop our teaching models and plant in team work- style.
- Globalization brings together requiring a highly- skilled and well- trained workforce capable of making strategies, managerial and organizational decisions. So we must realize the importance of "multiple intelligence and multi-sense of learning"ⁱ. Our educational system should improve persons's "logical- mathematical intelligence" which makes strong in reasoning and scientific thinking, "verbal -linguistic intelligence" which relates communication ability including verbal and written assignments "musical-rhythmic intelligence" which relates the using of sounds, "naturalistic intelligence" which concerning ability to work with nature and real- life situation, "visual spatial intelligence" which relates to the sense of sight and ability to make mental images, "inter- relational intelligence" which concerned with teamwork, "intra- relational intelligence" is associated with understanding of self, and finally "bodily- kinesthetic intelligence" which relates with body movements.
- Transform our education system which can be able to adopt to globalization and become active in the new world system, having social and economical advantages regionally while keeping traditions, and globally while being open minded.
- Adopt active learning education system " Learning is not a spectator sport. Student do not learn much just by sitting in classes, listening to teachers, memorizing pre-packaged assignments and spitting out answers. They just talk about what they are learning, write about it, relate it to past experiences and apply it to their daily lives."
- Be helped to become active citizens in their society
- Become more creative in different field of knowledge.

DISCUSSION AND CONCLUSION

In fact, every new morning, every new day means that new Technologies, new models, techniques and informations; therefore , utilizing the opportunities just depends on us . As we said in this article, globalization offers opportunities and also some drawbacks, by using new technological devices, and utilizing facilities we can overcome most of drawbacks. If we realize our deficiencies about existing education system individual's perception , creativity, and success may increase rapidly.By realizing the importance of knowledge in 21st century and teaching how to get it, how can learn actively, increasing co-operation between educational institutions at national and also at international level, helping to become active individual to the person on their life, using active learning system , on the contrary focusing not just one area, giving importance multiple intelligence we can convert into drawback to the opportunities and achieve a significant breakthrough on existing education system.

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