

New Innovations In Education And Ways To Achieve Sustainable Development In The Arab World

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Summary:

Education is considered one of the most prominent pillars of the advancement and civilized take-off of various countries and nations. Therefore, governments give it utmost importance, whether financially, through financing scientific projects, or through psychological and media support to develop the scientific movement more and more. Therefore, our research came to shed light on this important issue that raises many Important issues and problems, perhaps the most prominent of which are:

_ To what extent can we talk about new education methods in the Arab world to break out of the traditional methods of education?

_ Can artificial intelligence technologies contribute to raising the quality of education in the Arab world?

_ How can we benefit from successful experiences and transfer them to the Arab world and benefit from them by applying them as a new experience in some Arab educational institutions.

_ Can Arab governments advance the education sector in the Arab world, and what are the real ways and tools through which this can be achieved?

Can Arab competencies have a direct role in bringing about a revolution in education to advance sustainable development?

Through these questions and problems, we will try to analyze and dismantle the rationale for these deep questions about ways to achieve sustainable development through the development of education systems in the Arab world, and how interest in scientific competencies and educational projects can be the magic key to achieving civilizational development and progress.

Keywords: new innovations, the Arab world, sustainable development, education, artificial intelligence.

The reality of education in the Arab world and questions of sustainable development:

The term sustainable development is considered one of the most prominent modern and new terms whose use has been linked to various fields, whether economics, politics or the field of education. This is a big difference in the rest of the fields, and therefore the various governments in the world pay great attention to it, so we find that they allocate a large budget for the education sector, financing research projects, and paying attention to various projects interested in producing new innovations that support methods of developing the education system.

But if we come to the Arab world, we find that education in the Arab world is witnessing a kind of terrible and dangerous stagnation at the same time, and this predicts real disasters at various levels, which calls for urgent and immediate intervention to address this problem before the situation worsens more and more. Therefore, appropriate and urgent solutions must be found to address it. These crises are created by creating a positive environment that is supportive and encouraging for learning, and works to attract more and more competencies, not to expel them.

The results of the Arab Knowledge Report for the year 2014 showed that one of the most important challenges facing the transfer and localization of knowledge in the Arab world is the process of draining Arab minds and the emigration of young people from the Arab region, which is considered one of the most affected regions in terms of loss and loss Competencies, as it appeared that the most important challenges presented are the weak use of modern technologies, as well as a significant decline in the mastery of university and scientific skills.

The results sounded alarm bells about the reality of the localization of knowledge in the Arab region, in addition to the weakness of education, training and scientific research institutions, the expansion of the government public sector, the weakness of the private sector, youth unemployment and emigration, and the neglect of reform and support for the Arabic language, which led to the worsening of the situation, which reflected negatively on the rest. Sectors Therefore, greater attention should be paid to education, especially since universities in the Arab world represent the nation's leaders' factory politically, economically, socially and culturally, as they contribute to properly leading the scientific, technological and informational revolution, in addition to preserving the nation's identity and culture in light of globalization, as well as keeping pace with the developments of the times. Realism in the advancement of civilization

After we have presented the current situation of education in the Arab world, but this does not prevent us from saying that there is a glimmer of hope looming on the horizon. In this context, we find many Arab countries

that have become very interested in the development of education, perhaps the most prominent of them, for example, are the State of Qatar and Saudi Arabia, as well as the United Arab Emirates, as this is the latter. The United Arab Emirates has achieved a very large qualitative leap in the field of education and has come to the fore in global statistics in the level of education and the ranks of international universities. Therefore, we must hasten to find new innovations and modern ways to develop educational systems within the Arab world, which we will work to clarify in our research to get out of the tunnel of underdevelopment. for our educational systems.

Innovation in education systems (concept and importance):

The term innovation has been closely associated with technology systems and their developments, but what is hidden from many is that innovation is related to various fields, especially the world of education, which is considered a cornerstone for the rest of the sectors. "Innovation in education is doing things in a new way, to do something different that requires obtaining an approach, process or product." Or strategy, innovation improves education because it forces students to use higher level thinking to solve problems.

Perhaps this refers us to other terms such as change, for example, and creativity. Innovation in the foundations and systems of education generates creativity within the student and the search for new ideas that will undoubtedly have a direct contribution to sustainable development and finding solutions to some of the problems that Arab societies suffer from.

It can also be defined as: the process of spreading a creative idea that is characterized by seriousness and then converting it into a new product, service or business model to contribute to solving a problem that society suffers from, which brings us back to the necessity of generating new and creative ideas. It may be the magic key through which the problems of many societies can be solved, and this is only because of a new way in the education systems.

Sayed Khairallah (1984) defined it as: the process that results in solutions and ideas that depart from the known cognitive framework that we have (the traditional framework), whether with regard to the information of the individual who thinks or the prevailing information in the environment, with the aim of the emergence of new ideas, and it is necessary for the process of innovative thinking. Four basic aspects are:

1_ A high degree of sensitivity to problems that may not excite many ordinary people, but is a source of excitement and inspiration for the creative person

2_ A high degree of fluency, that is, the ability to produce the largest possible number of responses to a single question through which a difficult problem that that society suffers from can be solved.

3_ A high degree of flexibility, i.e. the ability to produce as many diverse and different ideas as possible.

4_ A high degree of originality, that is, the ability to produce the largest possible number of strange and new ideas that are not recognized

Perhaps we can also say that innovation is the successful, practical, and actual application of new, unfamiliar ideas that are embodied in a creative way, which can be embodied in a new commodity, a new method of work, or a completely new market. Its composition is creative and unfamiliar to the rest of the community.

Perhaps this can only be through the embodiment of new tests on the thing that he invents, under certain creative conditions and environment such as the availability of the desire to perform and the availability of capabilities and the appropriate environment for application that encourages the embodiment of ideas that simple individuals are not accustomed to. Therefore, the creative person is always a different person because his thinking is different. For others, his view of things is completely different

The relationship of creativity with teaching and learning technology and its relevance to sustainable development:

Many researchers in the field of education and ways to achieve sustainable development through innovative education systems have confirmed that the age of information and modern technology has a close relationship with advancing sustainable development, but it requires the development of thinking skills in new creative ways of thinking different from what is prevailing, as the students of the twenty-first century They are in dire need to be able to think creatively and unfamiliarly, and to adapt according to changing situations that present new problems that give rise to new challenges, which is the most attractive environment for a creative person, as he loves challenges that make him think in a different way to find new innovative ideas to find appropriate solutions to problems. that they are likely to encounter.

Technology is considered an appropriate and unique tool in terms of supporting teachers while helping their students to enhance their creativity and innovation, and this was confirmed by Thelma Watkins, a first-grade teacher at Memphis Tennis School, where she discovered the value of technology in engaging her students, as she explains: I I am constantly learning how to employ new and creative methods to make learning fun and

exciting for my students, especially after I started to benefit from the many types of technology in our educational environment. Lessons and documentaries that support the objectives of the lesson

From the foregoing, we can say that, according to Thelma, technology plays a central and vital role in enhancing the culture of teaching in classrooms and the various stages of education. It believes that various Internet tools help engage students in learning by enhancing their skills while ensuring the continuity of their involvement in learning in an active way that devotes the spirit of creativity and creation of new ideas by spreading the spirit of continuous learning that makes the student or student have a strong appetite that pushes him to ask for more learning ideas, which leads indirectly to the creation of new ideas that will have a direct contribution to promoting ways to achieve development. sustainable development at various levels and fields.

It is also no secret to everyone the role of new technological means in shortening time and effort and saving money, as it facilitates our daily lives and speeds up the learning process, so instead of learning a skill.

Or we study a specialization in three years that we can study within a year only, and all this is thanks to these innovative means of technological technologies that have made a quantum leap in the quality and quality of human life, which calls us to keep pace with scientific developments to develop sound and appropriate educational policies for our era, especially since «The Tenth Arab Report for Cultural Development» issued by the “Arab Thought Center” for the year (2016-2017). He affirms that, based on these facts, there is a need to address the current global challenge, which is a three-pronged challenge consisting of poverty, wars, and environmental degradation, so that it reaches towards achieving what we aim at by adopting sound policies, and working through multiple means, at the forefront of which is knowledge and creativity.

Perhaps we can say that the importance of education and its connection to sustainable development and its close connection with technology and artificial intelligence in particular has become especially in our time today an issue that does not bear a difference between two parties, as it is not a matter of controversy at all, as today illiteracy is the lack of knowledge of modern technological means related to new learning methods, in addition to that Contemporary international experiences and global conflicts today have proven beyond any doubt that the beginning of any progress or signs of the renaissance of progress is interest in education, as it is the greatest opportunity to achieve sustainable development, if not, and even the only one. Education is the backbone of the progress of societies. It would have progressed had it not been for its unparalleled interest in developing the scientific spirit among its people. Any country that does not achieve great

leaps except through the education portal, we see that it puts education in the priority of its programs and policies so that it sits on the throne of the state budget.

There is no doubt that the essence of the global conflict is a race in the development of education and the innovation of new and modern systems in how to develop the spirit of learning among students in various educational stages, and that the reality before us today is the competition in the field of education systems, which is reflected in the global rankings of university ranks, for example, and the extent of interest. By bringing about the revolution in teaching methods, in addition to the fact that power today has become essentially linked to the possession of scientific power and exclusive information, not weapons.

And from it we can say that the new technology and the developed scientific innovations are obligating us today to move with a greater civilized speed and effectiveness to keep pace with these developments, to catch up with this revolution, because whoever loses his scientific compass today in the race for scientific progress will get out of the arena of global conflict and become devoid of any effectiveness and therefore not be. It has an impact even in owning its decisions, so it gradually loses its global value, as it not only loses its presence in the global movement, but it loses before that its will, and this possibility leads to only dire matters, God forbid. Man and humanity, we find that others see in the same technology a specter that threatens human existence and spreads havoc and destruction in the world and warns of the extinction of human existence, atomic war and environmental pollution, in addition to that it calls for the disappearance of human characteristics, as there is no private life in light of this huge amount of technological development.

Conclusion:

Through this interesting scientific journey through which we dived into the world of education and new and emerging innovations in it, we come to a set of conclusions and recommendations that we summarize in the following points:

_ We call on all Arab governments to establish a kind of partnership or annual exhibition through which it is possible to learn about the latest modern developments that deal with issues of scientific development so that these experiences are exchanged and some successful models are used to apply them in Arab countries to contribute to the development of Arab education.

To achieve comprehensive sustainable development at various levels, it is necessary to bring about a kind of comprehensive revolution in various fields, and this can only be achieved on the ground with the concerted

efforts of everyone from different groups of society to multiply the culture of continuous learning and the need to keep pace with the developments of the times, especially those related to new technologies that deal with the field of education. Especially since the world is currently witnessing a terrible development in these areas.

_ The cultural and civilizational cross-pollination with the rest of the nations requires us to have a civilized presence and effectiveness, and that is only to the extent of our contribution to the cultural and civilized movement in the world. Therefore, we must work to find new ways and technologies through which we can have a position on the global political map. Perhaps this is not the case. Except for the extent of countries' interest in their scientific competencies and the extent of their support for the scientific movement.

_ Brain drain is considered one of the most important and important issues that we must hasten to address. Arab countries benefit every day from these Arab competencies, as we find many Arab scientific models that have achieved fabulous achievements at various levels. Arab brains in various means and ways, so we find it easier for them to live and provide them with all means of comfort and psychological and material support to benefit from them scientifically and from the innovative ideas they possess.

_ The close link between achieving sustainable development and innovation systems in new and modern education methods requires us to keep pace with these developments in order to sustain the sustainable development process, which requires us to develop the scientific environment in the Arab world in a way that suits and keeps pace with international standards for the quality of education, especially that we are in the era of the information revolution and the era of globalization that There have been and are still taking place in it major transformations that we must confront in advance.

_ In order to achieve significant and real achievements in the field of education and to innovate new educational systems, Arab governments must work to achieve changes in many ideas and introduce new ones in order to employ the outputs of the learning and education process in what requires sustainable development, and what is commensurate with our capabilities and capabilities, the level of our culture and knowledge, and the capabilities of our individuals from By creating an environment that works to bring about a comprehensive intellectual and scientific revolution.

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