Volume 6 Issue 1, November-December 2021 Available Online: www.ijtsrd.com e-ISSN: 2456 – 6470

STEM Direction in General Secondary Education

Boltayeva Zilola Safoevna

Senior Teacher of the Bukhara Regional Center for Retraining and Retraining of Public Educators, Uzbekistan

ABSTRACT

Retraining and professional development of STEM teachers, purchase of necessary equipment in schools, improvement of education systems, maintenance and development of textbooks in the field of lessons, repair of school buildings., this article discusses in detail the improvement of the STEM - oriented education system, the basic skills of STEM, and the creation of a STEM workforce.

KEYWORDS: STEM direction, occupational position, respondent, "whole child" approach, lack of STEM, workforce

How to cite this paper: Boltayeva Zilola Safoevna "STEM Direction in General Secondary Education" Published in

Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-6 Issue-1, December 2021. pp.1430-1431.

International



URL:

www.ijtsrd.com/papers/ijtsrd48065.pdf

Copyright © 2021 by author (s) and International Journal of Trend in Scientific Research and Development

Journal. This is an Open Access article distributed under the



terms of the Creative Commons Attribution License (CC BY 4.0) (http://creativecommons.org/licenses/by/4.0)

of Trend in Scientific

As mentioned above, many educational projects and textbooks in the field of STEM are the key to maintaining and developing the existing continuity 245 Professionals and other educators are increasingly and improving many other learning technologies. Parents do not want their children to become teachers. However, the level of the teaching profession is growing day by day. In addition, according to recent surveys, more than 73% of respondents regularly go on strike in their groups to earn more than 73% of their salary. According to many studies, STEM teachers are happier with their jobs than government STEM teachers and more were laid off in 2018 due to the strong economy offering more lucrative jobs. The lack of qualified, experienced teachers as well as STEM is not going anywhere in 2019.

As people in society continue to struggle with this shortage, there is a constant energy to prepare teachers for the shortage near teachers' residences. 'pgina research suggests that student and teacher improvement is the only way for students to succeed with the help of improved school facilities. The activities carried out with the help of advanced educational organizations to add professional development to the school day and to regulate the quality of the work environment in schools, in particular, have become a good area for more work.

has a direct impact on the emergence of school institutions.

realizing that STEM skills can be a solid foundation for learning in all aspects. They are studying the "child-to-child" approach. Because STEM is so specific to school-based learning, collaborative activities and practices, STEM is an advanced organizational tool for integrating educational-meta cognitive and emotional-social skills. is also expected to hold the record. Also, in the classroom or outside the classroom, there will be a strong focus on summarizing the study of the STEM approach with joy. and in July of this year, Perkins' Law to improve the technical paths and level specific to STEM mentions the need for effort, re-signs it. Also, this support is still ongoing. This is why PK-12 reading remains inextricably linked to the STEM practice approach.

The impact of STEM on the quality of education is as important as practical and theoretical skills. . Teaching on the walls of the classroom is not only accompanied by a rapidly renewing life. An important difference in the STEM direction is that young people use both the mind and the hands to successfully learn different approaches. The STEM approach allows young people to learn in the learning environment and how to use it immediately. Therefore, when young people grow up and face life challenges, environmental damage or the global climate problem These difficult problems can be solved only by relying on the knowledge gained and learned in different processes and working together. It is not enough to rely on knowledge with only one field. By focusing on the students learning system, improve determination, will, flexibility, and creativity, and do not learn to collaborate with others. more precisely, this is why the whole educational system process should be used. This new approach to teaching and learning is the enigmatic result of the integration of practice and theory.

REFERENCES:

- [1] SS Gulyamov, RH Ayupov, OM Abdullayev, GR Boltaboyeva Blockchain technologies in the digital economy. Tashkent-2019.
- [2] M. Butaboyev, A. Urinov, F. Mulaydinov, Isroiljon Tojimatov. Digital economy. "SamDu" publishing house-2021.
- [3] "STEAM education for English learners" http://exclibusive.multibriefs.com / content / steam-education-for-learners / education.
- [4] Solidjonov, D.Z.O.G.L. (2021) .STEAM education system and teaching foreign languages in it. Science and Education, 2 (3).
- [5] What is the "STEAM" education system? "Https://www.integer.uz/steam.

