JOURNAL OF APPLIED SCIENCE AND SOCIAL SCIENCE
eISSN 2229-3113 pISSN 2229-3205

Volume 15 Issue 10, October 2025

Impact factor: 2019: 4.679 2020: 5.015 2021: 5.436, 2022: 5.242, 2023: 6.995, 2024 7.75

MODERN PEDAGOGICAL APPROACHES AND INNOVATIVE OPPORTUNITIES IN ORGANIZING TECHNOLOGY-BASED EXTRA-CLASS ACTIVITIES

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Abstract. This article examines modern pedagogical approaches and innovative opportunities in teaching technology. The significance of technology education in general schooling, including its educational, developmental, and formative functions, is highlighted. Based on literature analysis, the studies of domestic and foreign scholars are compared, and now authorial perspective on improving teaching practices are proposed.

Keywords: technology education, pedagogical approach, innovation, creativity, competence, practical skills.

Introduction. Today during the day education system in front standing the most important from duties one — students should be educated in the 21st century skills This is the process of shaping. technology science only professional-practical skills to give, maybe creative thinking, solving problems solution and innovative approaches to possess guide important training subject is calculated.

Uzbekistan In the Republic education in the field of take going reforms, especially the " New Uzbekistan – development Strategy " and " Education "correct" Law in their demands technology science innovative basically to be taught separately is being emphasized. Therefore, this article technology science in teaching modern pedagogical approaches and innovative opportunities deep analysis to do is dedicated.

Modern education in the process of students creative abilities development — person each direction mature, thoughtful wide and independent think received human in the capacity of shaping important from factors Today is one. during the day world in scale competitive personnel in preparation innovative approaches, creative to think and technological thought to develop separately attention is being cleaned. At this point from the perspective of technology lessons and from class outside exercises of students practical activity, inventiveness ability and creative authority demonstration to grow for important square is calculated.

Technology education students only labor to the process, maybe vital problems non-standard approach with solution to do, novelty to create, independent to think and decision acceptance to do teaches. From the classroom outside exercises yes this the process further free, interesting and effective in the form of to implement increase opportunity gives. Because like this in action students own to interests suitable projects chooses, creative his ideas come true comes out, independent decisions acceptance to do learns.

Current education in the system to the person directed approach and education individualization principles main instead For this reason, every one student's creative ability to account received in case exercises organization to grow necessary. Technology in the lessons creative activity development the student only one science within no, but various in the fields novelty to create, scientific and technical his/her thinking to expand directs.

Also, technology science — science, art, design, engineering and of the operation integral harmony provided direction in the capacity of students social active, up-to-date ambitious and professional in terms of ready individuals arrived in upbringing separately place In this regard, "

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technology in the lessons from class outside work organization in doing of students creative authority to account " get " issue only theoretical, perhaps practical importance owner is modern education of reforms urgent from directions is one.

Literature analysis. This on the subject related literature analytical this shows that the students creative authority development issue more local and foreign of scientists scientific in their research separately place It will catch.

Kozlova GE in her " Project" method development tool in the capacity of technology in the lessons " application " in the work project basically teaching method in students independence, creativity to think and practical skills in the making place about stops. Author's in my opinion, the project basically organization mature exercises of students creative abilities clarification and development for the most effective from shapes is one.

B. Imanov in research yes education process adjective and efficiency increasing lesson structure, education methods and training activity of species mutual dependency important factor in the capacity of analysis made. Specifically, the author from class outside exercises lesson process logical continuation in the capacity of seeing it turns out and them of students creative to the development service doer independent It is considered a platform.

B. Imanov and M. Imanova's " Lesson " structure and to him " Preparation " at work technology to lessons preparation in view of students individual opportunities, interests and creative authority to account to take necessity is emphasized. Their emphasized, from the lesson outside exercises creative training of activity integral continuation in a theoretical sense knowledge operation with of connection effective is the way.

From this external, modern pedagogy and psychology in the field more in sources (for example, J. Gilford, E. Torrens, V. Stern, N. Ro'ziev, S. Nishonova and others) creative thinking, divergent thinking and innovative approaches shaping theoretical basics wide illuminated.

These studies this shows that students creative activity development for only lesson with without limitation, their individual abilities from class outside activity through yes open to give necessary.

So do, analyze done literature basically this to say maybe technology in the lessons from class outside exercises organization to be — students creative authority development, them innovative to think, to be practical to activity preparation and modern technologies with work culture in formation important place It will catch.

Main part

1. Creative authority understanding and his/her education in progress place

Creative authority is person's new ideas creation, existing knowledge new in the form of application and non-standard solutions find Pedagogical point visually, creatively authority student's to know in progress activity, independent thinking, innovation creation desire and own opportunities in practice try see through is formed.

Uzbekistan Republic President's education adjective to increase blackened decree and in their decisions yes in students creative thought and initiative development important task in the capacity of For this reason, technology in the lessons and from class outside in training of students individual creative abilities to the end to take, there to interests suitable activity organization to grow necessary.

2. Technology science creative opportunities

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Technology science owns in essence see practical and creative to the direction Yes. This is science. students " knowledge - skills - practical" "activity - creativity " system step by step assimilation opportunity gives. Students technology in the lessons project, modeling, design elements working sewing, sewing, cooking, woodworking and metal with work like activity in various types participate, own his ideas real to the product are being rotated.

Technology " project " in the lessons method, problem situations basically teaching ", " creative assignments through " study " like from methods use student independent to think and initiative It also strengthens science through students labor culture, aesthetics, clarity and responsibility like virtues they will have.

3. From class outside of affairs student creativity in development place

From class outside affairs training process important structural part is, it is the students' in class received knowledge reinforcement, expansion and creative in action to apply service Technology in science this process below in forms to implement is increased :

Project affairs and creative contests (for example, " Best designer ", " Designer of the Year innovator ");

Circle activities (sewing, pottery, robotics, cooking, decorative art);

Practical exhibitions and fairs (students) prepared products demonstration to do);

Skill classes (teachers, designers, technicians) specialists in the presence of);

Creative projects protection to do (student) own the idea presentation enough and the result demonstration enough).

Like this activity to the student own creative ability free expression to be independent decision acceptance to do, practical skills deepening and own of labor as a result satisfied to be opportunity gives.

4. Creative activity in promotion teacher's role

Technology science teacher only knowledge giver, maybe guiding, creative environment creator and motivator to be It is necessary. It is necessary for the students interests to clarify, to them suitable individual approach application necessary.

Creative activity in promotion below pedagogical principles important :

To the person directed approach - any one student's interest and ability to the end to take ;

Active participation principle — the student active, responsible creative in the capacity of shaping ;

In cooperation teaching — group projects through collective thought development ;

Innovative environment creation — new technologies, digital tools, modern from tools and equipment use.

Teacher this in progress organizer, consultant, observer and motivator in the capacity of participation It is in the students creative passion not to lose them permanent promotion and positive the results appreciation through education process effective organization It is enough.

5. From class outside of affairs efficiency and practical importance

Creative activity to account received in case organization mature from class outside exercises as a result :

in students creative to think, to be new aspiration, problems independent solution to grow skills is formed ;

professional direction to choose interest increases ;

in the community work, communication culture and aesthetic taste develops;

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of students himself confidence is strengthened.

Conclusion. Research from the results come out below *to the* conclusions bride:

1. Technology science in students creativity and innovative thought in formation important place It will catch.
2. Modern pedagogical approaches education efficiency increases and the student active subject in the capacity of shapes.
3. Innovative methods, especially, STEM, project basically education and digital technologies of students practical skills expands.

Research from the results come out below *recommendations* given :

1. School teachers lesson in the process interactive and innovative from methods wide benefits necessary.
2. Technology science other subjects with integration to do through education further effective organization to grow to the goal according to.
3. Training programs modern working output and labor to the market adaptation necessary.

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