

PEDAGOGICAL AND PSYCHOLOGICAL FOUNDATIONS OF THE FORMATION OF STUDENTS CREATIVE ABILITIES

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Nurbek Norboyugly Achilov Associate Professor of the Department of Engineering and Computer Graphics of Chirchik State Pedagogical University n.achilov@cspi.uz

Abstract:

The creative abilities of students in pedagogical and psychological basis of improving the article will be discussed. Pedagogical conditions that help to develop the abilities of students, including motivational, constructive, communicative and organizational conditions will recommend. In the article is that creativity is a skill that can be applied in any professional activity in general and modern educational tools, as well as the need for the development and training of using the creative tasks is stressed.

Keywords. Abilities, creative abilities, methods, pedagogy, drawing, spatial imagination.

Introduction

Creative lessons from one of the students of the present times, the ultimate goal of meditation is to teach. The problems of improvement of teaching methods and the choice of the most effective methods of teaching the computer's perfect, the students read and complete blueprints to activate and spatial thinking of students in the activity in the process to form a picture associated with it.

Views advanced in recent years to improve the preparation of students of graphic fueled ideas of how to rebuild on the basis of a successful implementation is dependent on the kind of quick and education.

Now created a new program in higher education, a lesson on creating the work of scientists are conducting. Now is one of the main issues of improving the methods of teaching. The necessity of looking in this direction, the first time in the lesson, the teacher of scientific and methodical tayyorgorligiga demand is growing because the teacher has achieved in recent years from the point didactic methods two updates that could bring the price of the demand growing.

Currently drawing a number of cognitive activity of students in the program with the creation of new development in the field of scientific also looking for ways to style and unceasing work. Training mep todlarini improvement andedagogik to increase the efficiency of the process, to know the activities associated with students to identify ways to improve. On the organization of the educational activity of students in the implementation of this task, they find reasonable methods of industrial activity graphics in the content plays an important role. This is a big p from the teacheredagogik requires skill. Teachers pedagogik to form a new business to attract



their skills through education, the most effective a mecan we identify them and the methods to increase through practice test.

Keorganization of independent work of students on assignments that teachers of students in years yingi newsletters, educational activities and creative issues involved in the activation of the fair settlement of questions have gained very rich experience in the field.

The thinking of students in the learning process, which make the development of further work in the field of improving the rational organization of the educational work of students is associated with. This knowledge not only students sistaeensure remain with christ, despite the fact that various graphical issues in them, but thinking of the activity of yek which is related to the formation of the rational method chibecancer.

Meand p toedagogik work great importance to the choice of the most basic methods in educational counseling berilmoqda students using this method key ng assignments commonechib to the analysis of the graph, use the method like read deeply and thanked them. Activation of cognitive activity of students affects on the two sides of graphic work. On the one hand, students in the development of visual thinking, while on the second hand market depends on the development of logical thinking.

Drawing visual thinking and spatial imagination in the process of teaching students the importance of the development of berilmogda.

The development of logical thinking, imagination see the variety of different items, items with images and hakazolar important to not belgilarini opposite the comparison on the basis of divide and methods, new material induktiv on to describe work on the issues combine with keladi.

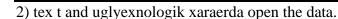
One of the main issues of the teaching of drawing in higher education, the development of spatial imagination in students which is related to the idea of spatial form you a simple tex ugly read blueprints and the conclusion is difficult. The idea of spatial form year a level higher due to the development tar tex students who enter teaching and educational institutions to teach them, she was much more complicated.

Drawing lesson in following the development of spatial imagination in the content can be: first, the graph and any items of his was made to be n the reading of the graph that is familiar to them committing to doing rilgan items geomehad a clear picture of the shape of trick thoughtful development of the ability to mentally get done;

Secondly, spatial imagination of kengaytirish them solid and sistaek mageeltirish.

Another important issue with the development of spatial imagination of students of teaching drawing is related to the development of spatial imagination. Drawing from educational topishriqlarini spatial imagination ability to imagine new spatial image based on the accumulated knowledge of performance during the yea tar on the basis of something I can't fully describe in the case of underdeveloped graphics, drawing teh xnikasiga to work to readon ehow b cheraolmaydi. The form is a tool to imagine and graphic images that represent how you react to the activities of the mind and thoughts with one another in a relationship, so if you thought that speech, heb how to help the speaker cherma will not. Blueprints can be put in the process of reading two issues:

1) determine the shape of the product described



References

- Ozodboyev, I. O. (2022). DRAWING ASSEMBLY DRAWINGS USING AUTOCAD COMPUTER GRAPHICS SOFTWARE. Galaxy International Interdisciplinary Research Journal, 10(11), 1085-1091.
- Hayitov, J. M. O. G. L. (2022). Muhandislik grafikasi fanlarini axborot-kommunikasiya texnologiyalari yordamida o'qitish orqali talabalarni ijodkorlik qobilyatini oshirish. Science and Education, 3(11), 760-767.
- Jumayev, I. O. (2022). USING THE MOST CONVENIENT METHOD OF FINDING EQUAL SIDED POLYGONS (By Dividing the Diameter into Equal Sections). Galaxy International Interdisciplinary Research Journal, 10(11), 1271-1279.
- Achilov Nurbek Norboy o'g'li (2020). The use and importance of the three-dimensional features of the auto cad program in drawing projects in public schools. European Journal of Research and Reflection in Educational Sciences, 8 (3) Part II, 189-192.
- Javahir Makhtumkul ugli Hayitov. (2022). TEACHING DRAWING SCIENCES USING COMPUTER GRAPHICS PROGRAMS. Galaxy International Interdisciplinary Research Journal, 10(11),1261-1270. Retrieved from https://www.giirj.com/index.php/giirj/article/view/3925
- Каримович, М. Ш., ўғли, М. Э., & ўғли, Х. Ж. М. (2021). Определения параметров отсеков поверхностей второго порядка по заданному объему. CENTRAL ASIAN JOURNAL OF MATHEMATICAL THEORY AND COMPUTER SCIENCES, 2(5), 32-34. Retrieved from https://cajmtcs.centralasianstudies.org/index.php/CAJMTCS/article/view/84
- Kukiev, B., O'g'li, N. N. & Shaydulloyevich, B. Q. (2019). Technology for creating images in autocad. European Journal of Research and Reflection in Educational Sciences, 7 (12), 49-54.
- Jumayev, I. O. (2021). CHIZMACHILIK DARSLARIDA DIDAKTIK O 'YINLARDAN FOYDALANISH METODIKASI. Экономика и социум, (11-2 (90)), 798-808.
- Achilov Nurbek Norboy o'g'li (2020). Pedagogical and psychological fundamentals of formation of space imagination and creative ability in students. European Journal of Research and Reflection in Educational Sciences, 8 (4), Part II, 38-40.
- 10. Norboy oʻgʻli, A. N., Shaydulloyevich, B. Q., & Baxodir oʻg, K. K. B. li & Jumayev Isroil Omandovlat o 'g 'li (2020). Methods of developing creative abilities in children. European Journal of Research and Reflection in Educational Sciences, 8(10), 151-153.
- 11. Jumayev, I. (2020). The conveniences of teaching using autocad software. Экономика и социум, (10 (77)), 94-97.
- 12. Achilov Nurbek Norboy oʻgʻli, Bekqulov Qudrat Shaydulloyevich, Koʻkiyev Boburmirzo Baxodir o'g'li & Jumayev Isroil Omandovlat o'g'li (2020). Methods of developing creative abilities in children. European Journal of Research and Reflection in Educational Sciences, 8 (10) Part II, 151-153



- 13. Omandovlat oʻgʻli, J. I. (2020). Chizmachilik darslarida autocad foydalanishning yutuq va kamchiliklari tahlili.". Maktab va hayot MAXSUS SON, 2.
- 14. Achilov N.N., Koʻkiyev B.B., Bekqulov Q. Sh. YAQQOL **TASVIRLARNI AUTOCAD DASTURIDAN FOYDALANIB BAJARISHDA** LOYIHALASH Муғаллим ҳәм үзлуксиз билимлендириў илимийметодикалық журнали №2 2020 ISSN 2181-7138
- 15. Xalimov Moxir, Achilov Nurbek, Bekgulov Qudrat, Xoʻjagulov Elbek, Koʻkiyev Boburmirzo CHIZMACHILIK VA CHIZMAGEOMETRIYA FANLARIDA BURCHAK TOPISHNING BAZI USULLARI
- 16. Achilov Nurbek Norboy Uglu Methods of Using Game Technologies in the Development of Lesson Effectiveness and Creative Abilities in Drawing Lessons International Journal of Psychosocial Rehabilitation, Vol. 24, Issue 05, 2020 ISSN: 1475-7192
- 17. Jumayev, I. O. (2021). CHIZMACHILIK DARSLARIDA DIDAKTIK O 'YINLARDAN FOYDALANISH METODIKASI. Экономика и социум, (11-2 (90)), 798-808.
- 18. Ibragimov X.X. (2023). From the History of Pedagogical Problems of the Development of the People's Practical Decorative Art. Diversity Research: Journal of Analysis and Trends, 1(3), 300-310. Retrieved from https://academiaone.org/index.php/2/article/view/147.

