



**DEVELOPING STUDENTS' CREATIVE COMPETENCIES THROUGH PEN  
DRAWING OF GEOMETRIC BODIES**

Ermuminov Abdijabbar Tursunbayevich

Teacher of the Department of Art Graphics and Design of TerDU

**ABSTRACT**

This article fully describes the skills and methods of using modern pedagogical technologies in the process of conducting fine arts classes, applying the renewal processes in pedagogy to educational practice, and providing information about geometric objects to students and young people with the help of pencil drawings.

**KEYWORDS**

Fine art, pencil drawing, pedagogical technologies, renewal, thematic composition.

**Introduction**

Encouraging students to draw geometric shapes is a fun and effective way to develop their creativity, and it can help students develop their imagination and connection to art and math. By studying the following step-by-step lesson, you can develop students' creative abilities:

1. Familiarity with geometric shapes: Students are introduced to the basics of learning to see and name different geometric shapes (square, circle, triangle, rectangle, sphere) Figure 1 .
2. Provide drawing materials: Teach students how to create images. In this way, they can be taught how to represent geometric bodies, how to create them, how to use them and what materials to use.
3. Give students exercises: Give each student several exercises to describe a modified geometric body through a pencil drawing. This allows them to put their experiences into practice.
4. Drawing geometric objects based on a theme: Bringing students to work in connection with other subjects in an advanced way to depict geometric objects based on a lesson theme (eg animals, pets, garden and rivers).
5. Applying students' ideas more quickly: It is important for students to apply their own ideas, to develop them through their own ways of constructing and creating. Explain to them how imaging and searching are important to them.



Figure 1. Geometric object

6. Adjust elements to create more: Have students add more elements to their pencil drawings and pay attention to detail in their drawings. This can help them develop their full thinking, elaboration and creation skills.

7. Evaluation and discussion of created work: Have students evaluate their created images, have them review each other's work and holding a discussion to exchange ideas. This can help them seek their own opinions and accept the opinions of others.

This step-by-step method can lead students to seriously develop their art and math skills by depicting geometric shapes.

As it is known in childhood, a child's dreams and fantasies play a very important role. But how many people think that children's creative abilities should be developed. Unfortunately, most adults do not pay enough attention to the development of a child's imagination, which significantly limits the possibilities of children in the future. Creativity plays a very important role in everyone's life. Imagination and fantasy help people in both relationships and work, but most importantly, creative people can express their own identity that helps them succeed in any business. Thus, even if the child does not suffer from a lack of imagination, parents should pay attention to the development of their creative abilities.

You can use almost all surrounding objects and situations as a means of developing creative abilities. Creativity means to create, to create. Therefore, the main goal of the child's lessons is to teach him how to describe geometric objects and understand what he discovered in the end. Sometimes, we unknowingly develop children's creative abilities through play and communication. However, consistency and method are necessary for successful development. For example, students' understanding of geometric objects should not be visualized by pencil drawings. If you feel that interest is starting to wear you down, leave the game. But long-term breaks are not done either. The best way to create a program to develop students' creative abilities. The program should include all methods of development - visual, verbal and practical. Visual methods include seeing any pictures, drawings, or real ones. For example, when studying a poem, find out what they have in common. Oral methods include various forms of communication, stories, conversations. For example, the joint composition of the works, in turn, contemplates the verdict on the same plot. Practical methods include games, creating and using different models, and doing developmental exercises. By combining all methods, you can achieve a comprehensive development of the student, which will positively affect your intellectual abilities.

Development of a set of creative and graphic tasks aimed at increasing the educational and cognitive activity of students from simplicity to complexity, as well as determining didactic requirements for a set of creative and graphic tasks. in the process of eliminating these problems, it is necessary to conduct an experiment to determine the effect on the activation of educational and cognitive activity, to consider the possibilities of including interesting tasks in the traditional course on engineering and pencil drawing. A number of researchers consider pencil drawing to be a branch of science that deals with the problems of obtaining various images (pictures, drawings, graphics, animation, etc.). Also, some researchers interpret the image of geometric bodies as an additional tool for their creative ability by working with pencil drawings. On the one hand, as a means of forming the environment of geometric objects with the help of special equipment, on the other hand, as a means of developing personal abilities (imagination, creative ability, development of aesthetic culture, etc.), viewing cases are also observed.

## References

1. Turayev X. A. et al. Methodical recommendations on the implementation of the theme of forty in drawing lessons graphically //Science and Education. – 2021. – Т. 2. – №. 2. – С. 264-268.
2. Bahodirovna M. Z., Xolmurodovich S. C. Methodical Interpretations on the Organization of Independent Educational Classes in the Subject of Painting //International Journal on Economics, Finance and Sustainable Development. – 2020. – Т. 2. – №. 11. – С. 24-27.
3. Zarina M., Sabina Q. THE PRACTICAL IMPORTANCE OF TYPES AND GENRES OF FINE ARTS IN HUMAN LIFE //Universum: технические науки. – 2021. – №. 11-5 (92). – С. 90-91.
4. Muhammadiyeva Z. B., Turayeva F. M. Methodology of Teaching School Students to Work in Student Structure with Colorful Objects //European Journal of Innovation in Nonformal Education (EJINE). – 2022.
5. Bahodirovna M. Z. INCREASE THE CRAVING FOR CREATIVE ACTIVITY OF STUDENTS IN FINE ARTS CLASSES ON THE EXAMPLE OF GENERAL SECONDARY TRAINING SCHOOLS //International Journal of Formal Education. – 2023. – Т. 2. – №. 11. – С. 449-453.
6. Bahodirovna M. Z. DEVELOPING STUDENTS'CREATIVITY COMPETENCE IN VISUAL ARTS CLASSES //Open Access Repository. – 2023. – Т. 4. – №. 02. – С. 113-114.
7. Muhammadiyeva Z. B. HISTORY OF FINE ART IN UZBEKISTAN, ITS TYPES AND GENRES //Theoretical & Applied Science. – 2019. – №. 12. – С. 53-59.
8. Bahodirovna M. Z., Rajabaliyeva M. O. The Role and Importance of Fine Art in the Education of School Students //International Journal on Integrated Education. – Т. 5. – №. 5. – С. 59-62.
9. Toshpulatov F. U., Mominov B. K., Mamatkulov I. C. Determination of Sections of General Surfaces of the Second Order on Predetermined Circles //The American Journal of Interdisciplinary Innovations and Research. – 2020. – Т. 2. – №. 11. – С. 21-26.
10. Yuldashevich S. S. PLACE AND PRACTICAL SIGNIFICANCE OF GRAPHIC PROGRAMS AutoCAD AND 3D MAX IN THE PROCESS OF LEARNING //INTERNATIONAL JOURNAL OF SOCIAL SCIENCE & INTERDISCIPLINARY RESEARCH ISSN: 2277-3630 Impact factor: 7.429. – 2022. – Т. 11. – №. 05. – С. 173-176.
11. Urolovich T. F. CHIZMACHILIK DARSLARIDA AMALIY SAN'AT ELEMENTLARIDAN FOYDALANIB TARKIBIDA TUTASHMA ELEMENTLAR QATNASHGAN NAQSH NAMUNALARINI CHIZISH //Евразийский журнал права, финансов и прикладных наук. – 2022. – Т. 2. – №. 2. – С. 158-162.
12. Toshpulatov F. CHIZMACHILIK FANINI TABIIY HODISALAR BILAN AMALIY BOG'LIQLIGI //Физико-технологического образование. – 2022. – Т. 1. – №. 1.
13. Toshpulatov F. Qadimiy grix va o 'simliksimon (Islimiy) naqsh elementlarining geometrik tahlili //Физико-технологического образование. – 2022. – №. 4.
14. Uralovich T. F. THE ROLE OF APPLIED ART IN THE DEVELOPMENT OF AESTHETIC SKILLS OF STUDENTS //International Journal of Advance Scientific Research. – 2023. – Т. 3. – №. 05. – С. 111-118.
15. Urolovich T. F. et al. USE OF PERSPECTIVE POSITION AND METRIC ISSUES IN PRACTICAL DRAWING IN DESCRIPTION OF NUMBER LESSONS //Innovative Society: Problems, Analysis and Development Prospects.-2022.-S. – С. 41-44.

16. Urolovich T. F. et al. SAN'AT INSON MEHNAT JARAYONINING AJRALMAS QISMI SIFATIDA //Новости образования: исследование в XXI веке. – 2023. – Т. 1. – №. 6. – С. 592-594.
17. Uralovich T. F. Conducting classes on fine arts based on information and communication technologies International Engineering Journal For Research & Development.-2021 //Т. – Т. 6. – С. 3-3.
18. Turapova R. Mechanisms for Improving Children's Dialogical Speech //Vital Annex: International Journal of Novel Research in Advanced Sciences. – 2023. – Т. 2. – №. 9. – С. 49-53.
19. Baratovna T. R. Developing Dialogic Speech of Pre-School Children on the Basis of a Variative Approach //American Journal of Social and Humanitarian Research. – 2022. – Т. 3. – №. 10. – С. 272-275.
20. Uralovich T. F. Conducting classes on fine arts based on information and communication technologies //International Engineering Journal For Research & Development. – 2021. – Т. 6. – С. 3-3.
21. Shavkat S., Zufar X., Mahliyo Y. GRAPHIC RECOMMENDATIONS FOR THE ANALYSIS OF SIMPLE AND COMPLEX GIRIX PATTERN COMPOSITIONS IN THE ART OF EMBROIDERY BY GEOMETRIC PATTERNS //Universum: технические науки. – 2021. – №. 11-5 (92). – С. 95-98.
22. Turapova R. MAKTABGACHA YOSHDAGI BOLALARNING BADIY-ESTETIK MADANIYATNI O'YINLAR ORQALI SHAKLLANTIRISH MUAMMOLARI //Физико-технологического образование. – 2022. – Т. 4. – №. 4.
23. Raxmonqulov X. B., Botirov M. A., Xurramova N. Y. THE ROLE AND THE PRACTICAL IMPORTANCE OF COMPOSITION DURING COLOUR DESCRIPTION STUDIES (AS AN EXAMPLE OF DESCRINING HUMAN FEATURE) //Экономика и социум. – 2021. – №. 1-1 (80). – С. 241-244.
24. Haqberdiyev B. R., Otaxonova S. F. Tasviriy san'at mohiyati, tur va janrlari //E Conference Zone. – 2022. – С. 21-25.
25. Boboqulovich R. X. DEVELOPMENT OF AESTHETIC CULTURE OF STUDENTS IN THE CIRCLES OF RANGTASVIR //Open Access Repository. – 2023. – Т. 4. – №. 03. – С. 5-7.
26. Рахманкулов Х. Б. QALAMTASVIRDA IKKI, UCH GEOMETRIK SHAKLLARDAN TASHKIL TOPGAN NATYURMORT CHIZISH: Raxmonqulov Xamroqul Boboqulovich, Termez davlat universiteti, Amaliy sanat kafedrası oqituvchisi //Образование и инновационные исследования международный научно-методический журнал. – 2022. – №. 5. – С. 262-266.
27. Bobokulovich R. K. Using Waterplace to Work in Color Images Properties Of Colors //Eurasian Journal of Learning and Academic Teaching. – 2022. – Т. 6. – С. 58-62.