



MODERN PROBLEMS IN EDUCATION AND THEIR SCIENTIFIC SOLUTIONS

MILLIY HUNARMANDCHILIKNI O'RGATISHDA  
INNOVATSION METODLARDAN FOYDALANISH

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**Annotatsiya:** Ushbu maqolada milliy hunarmandchilikni, xususan kashtachilik va naqqoshlik san'atini o'rgatishda innovatsion pedagogik metodlardan foydalanishning nazariy va amaliy asoslari yoritilgan. Zamonaviy pedagogik texnologiyalar, interfaol metodlar, loyiha asosida o'qitish, axborot-kommunikatsiya texnologiyalari va STEAM yondashuvining ta'lim jarayonidagi ahamiyati tahlil qilingan. Innovatsion metodlar orqali o'quvchilarda ijodiy fikrlash, estetik did, mustaqil faoliyat va kasbiy ko'nikmalarni rivojlantirish imkoniyatlari asoslab berilgan.

**Kalit so'zlar:** milliy hunarmandchilik, kashtachilik, naqqoshlik, innovatsion metodlar, pedagogik texnologiya, interfaol metodlar, ijodkorlik, estetik tarbiya.

ИСПОЛЬЗОВАНИЕ ИННОВАЦИОННЫХ МЕТОДОВ В ОБУЧЕНИИ  
НАЦИОНАЛЬНОМУ РЕМЕСЛЕННИЧЕСТВУ

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**Аннотация:** В данной статье рассматриваются теоретические и практические основы использования инновационных педагогических методов в обучении национальному ремесленничеству, в частности искусству вышивки и орнаментальной росписи. Анализируется значение современных педагогических технологий, интерактивных методов, проектного обучения, информационно-коммуникационных технологий и STEAM-подхода в образовательном процессе. Обоснованы возможности развития у обучающихся творческого мышления, эстетического вкуса, самостоятельной деятельности и профессиональных навыков посредством применения инновационных методов.

**Ключевые слова:** национальное ремесленничество, вышивка, орнаментальная роспись, инновационные методы, педагогические технологии, интерактивные методы, творчество, эстетическое воспитание.





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THE USE OF INNOVATIVE METHODS IN TEACHING NATIONAL HANDICRAFTS

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**Annotation:** *This article examines the theoretical and practical foundations of using innovative pedagogical methods in teaching national handicrafts, particularly the arts of embroidery and ornamental painting. The significance of modern pedagogical technologies, interactive methods, project-based learning, information and communication technologies, and the STEAM approach in the educational process is analyzed. The potential of innovative methods to develop students' creative thinking, aesthetic taste, independent activity, and professional skills is substantiated.*

**Keywords:** *national handicrafts, embroidery, ornamental painting, innovative methods, pedagogical technologies, interactive methods, creativity, aesthetic education.*

National handicrafts are one of the important forms of art that embody the rich cultural heritage and values of our people. The arts of embroidery and ornamental painting have been developed by our ancestors over centuries and have not lost their significance even today. By teaching these art forms to the younger generation, it is possible to cultivate respect for national values, aesthetic taste, and creativity.

The modern education system requires the introduction of innovative methods and contemporary pedagogical technologies into the teaching process. This is because traditional teaching methods do not always fully develop students' independent thinking and creative abilities. Therefore, the use of innovative methods in teaching national handicrafts is considered one of the most pressing issues today.

Teaching national handicrafts is an important component of the educational process, as handicrafts embody the cultural heritage, lifestyle, aesthetic views, and spiritual values that have been formed by the people over centuries. Through applied art forms such as embroidery and ornamental painting, students not only acquire practical skills but also develop essential competencies such as national self-awareness, appreciation of art, and creative thinking.

First of all, teaching national handicrafts helps to develop in students a sense of respect for national values. Each pattern, decorative element, and embroidery motif has its own symbolic meaning, reflecting the worldview, aspirations, and aesthetic taste of our ancestors. For example, floral patterns symbolize respect for nature, while geometric patterns represent order and harmony. By studying these patterns, students become familiar with the rich cultural heritage of their nation, and feelings of national pride and





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dignity are formed. In addition, handicraft activities play an important role in developing students' aesthetic taste.

National handicrafts also play a significant role in developing students' creative thinking abilities. The process of creating patterns requires a creative approach. While selecting pattern elements, harmonizing them with one another, matching colors, and creating an overall composition, students learn to think independently. This expands their imagination and fosters the ability to generate new ideas and approach problems creatively.

Moreover, handicraft activities cultivate important personal qualities in students such as patience, attentiveness, and precision. The processes of embroidery or pattern drawing require a high level of concentration, accuracy, and diligence. Correct placement of each element, appropriate color selection, and completing the work with high quality help develop a sense of responsibility in students. These qualities are important not only in handicraft activities but also in mastering other academic subjects.

Teaching national handicrafts also contributes to the development of practical labor skills in students. Learners acquire skills in working with various tools and equipment, selecting appropriate materials, and using them efficiently. This supports future career choices and fosters a positive attitude toward work. In particular, through handicrafts, students experience the process of creating products with their own hands, which evokes a sense of satisfaction and pride in the results of their labor.

Innovative methods are modern approaches aimed at increasing students' engagement in the educational process, developing independent thinking, and improving the effectiveness of learning.

In teaching handicrafts, the following innovative methods are considered effective:

**Interactive methods** are approaches that turn students into active participants in the learning process and enhance their thinking and creative activity. In handicraft lessons, interactive methods are particularly effective, as they help students not only acquire knowledge but also actively engage in practical activities.

**The “Brainstorming” method.** This method is used to generate new pattern ideas and create decorative compositions. For example, the teacher asks the question: “What elements can be used to create a pattern on the theme of spring?” Students quickly express their ideas, such as tulips, leaves, the sun, birds, islami ornamental elements, and others. During this process, no idea is criticized. As a result, students' free thinking and imagination are expanded.

**The “Cluster” method.** The cluster method allows pattern elements to be systematized. For instance, the central concept “National Patterns” is written on the board, and branches are drawn from it, such as geometric patterns, floral patterns, symbolic elements, and color harmony. This method helps students organize knowledge systematically and creates opportunities to connect theoretical knowledge with practical activities.





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**The “Group Work” method.** Group work in handicraft lessons helps create a creative learning environment. For example, the class is divided into groups of three to four students, and each group creates a decorative composition based on a specific theme. This method develops students’ skills of cooperation, responsibility, mutual exchange of ideas, and collaborative problem-solving. In addition, students draw inspiration from one another’s work and generate new ideas.

**Project-based learning** is an activity aimed at enabling students to independently solve a specific problem or create a product. This method is particularly effective in handicraft lessons. During the project process, students go through the following stages:

1. Selecting a topic and defining the objective;
2. Studying pattern samples and historical sources;
3. Preparing sketches;
4. Carrying out practical work;
5. Presenting and defending the completed work.

Modern education cannot be imagined without information and communication technologies (ICT). Digital technologies also create significant opportunities in teaching handicrafts.

Through video lessons and master classes, students can observe the working processes of experienced craftsmen. With the help of presentations, the origins of patterns, their symbolic meanings, and the principles of composition are explained. Using graphic software (simple design applications), students can create pattern sketches in digital form. Through online platforms and virtual museums, students become familiar with embroidery and ornamental pattern samples characteristic of different regions.

ICT tools develop students’ skills in working with information, analyzing data, and creatively applying modern technologies. This enriches traditional handicrafts with a contemporary approach.

The STEAM (Science, Technology, Engineering, Art, Mathematics) approach is based on the integration of different disciplines. In handicraft lessons, this approach makes it possible to combine art with elements of mathematics, technology, and engineering.

- When creating geometric patterns, concepts such as symmetry, proportion, and rhythm are applied (connection with mathematics).
- In designing compositions, attention is paid to dimensions and proportions.
- In selecting and using materials, technological knowledge is applied.

The STEAM approach simultaneously develops students’ logical and creative thinking. This prepares them for successful activities not only in the field of art but also in other academic disciplines.

The use of innovative methods in teaching national handicrafts is an important factor in increasing the effectiveness of education. Through modern pedagogical technologies, students develop not only practical skills but also creative thinking, aesthetic taste, and the ability to work independently.





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Therefore, it is recommended to широко apply interactive methods, project-based learning, and information technologies in handicraft lessons. This contributes to educating the younger generation in the spirit of respect for national values and to preserving and continuing the traditions of national handicrafts.

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