

# Development of Creative Thinking of Students in General Secondary Schools

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## **Abstract:**

In this article, general secondary education school, students, preparation for professional music activities, music education, formation of aesthetic taste, development of creative thinking, cultural level, psychological and intellectual development, positive influence, culture and art sphere, socio-economic environment, development of mathematical abilities, general culture of society, increase of creative potential, learning the secrets of art, independent thinking, teamwork, innovative approach, skills, digital platforms, artificial intelligence, music technologies, choosing a repertoire for students to listen to, people’s customs, lifestyle, aesthetic views, oral and written traditions, cultural heritage, imagination and thinking, performing and comparing methods, musical literacy, singing, listening to music, forming students’ creative musical thinking skills, Motherland, gifted and talented students, students’ creativity formation of characteristics, perfect teaching of opening couplet and refrain, interest in musical works, development of research and creativity skills, formation of beauty, sense of belonging, composer, moral-aesthetic, educational impact on students, scientific worldview, ideological belief, formation of spiritual qualities of a person, educational impact, etc.

**Keywords:** creative thinking, abilities, musical education, moral and aesthetic, creative, development.

## **Introduction**

Music reflects the key events of human history, the spirit of the era, and the stages of social development. For example, folk songs and epic music tell stories about ancient lifestyles, wars, and victories. The music of each nation represents its culture and identity. It is transmitted through oral and written traditions, helping to preserve cultural heritage. Traditional folk songs, religious hymns, and ceremonial music are clear examples of this process.

Music serves as a powerful tool for intercultural exchange. Different musical styles merge, creating new forms of expression. Alongside reflecting human history, national identity, and cultural heritage, music also strengthens dialogue between cultures. Therefore, the importance of preparing individuals for musical activities is growing worldwide. This is not only essential for developing individual talents but also for supporting the rapid growth of the music industry, enhancing creative potential in society, and strengthening cultural ties.

Musical activity plays a significant role as a means of developing creative thinking. Through music education, young people not only learn the secrets of art but also acquire important skills such as independent thinking, teamwork, and innovative approaches. Therefore, professional training in the field of music plays a crucial role in enhancing society's overall cultural and creative potential. Moreover, music positively affects human psychological well-being by reducing stress, ensuring social harmony, and fostering intercultural communication. This is particularly important in an era of globalization, as it strengthens mutual understanding and cooperation among people of different nationalities and cultures.

Music is an integral part of global culture, expressing human history, the uniqueness of various nations, and cultural heritage in different ways.

The significance of preparing students for professional musical activity in general secondary education schools is justified by several important factors. First, music education plays a key role in shaping students' aesthetic taste, developing their creative thinking, and improving their cultural awareness. In today's era of globalization, studying national and world music heritage not only enhances cultural consciousness but also helps young people understand their own identity.

Second, musical activity has a positive impact on children's psychological and intellectual development. Students who are deeply engaged in music tend to have better memory, concentration, and mathematical abilities, which helps them achieve higher academic success.

Third, given the growing importance of culture and the arts in the socio-economic environment, directing students toward professional musical activity creates broad career opportunities for their future. Providing professional training in music at the school level enhances students' preparedness for higher education in the arts and helps them find their place in the job market.

Furthermore, a music-oriented education system helps identify talented children at an early stage and supports their talent development. This positively impacts the advancement of arts and culture in society. Therefore, improving the system of preparing students for professional musical activities in general education schools remains a pressing issue.

### **Literature Review and Methodology**

In existing academic literature, various perspectives have been presented regarding the role of music education in fostering independent and creative thinking in students. Some scholars argue that developing creative thinking skills requires providing students with the opportunity to reflect on their knowledge and draw logical conclusions from various sources of scientific information. The advantage of this theoretical approach is that it can be applied to all types of musical activities.

Music education plays an important role in shaping students' aesthetic taste, developing their creative abilities, and increasing their interest in national culture. Uzbek scholars have conducted several research studies in this field, establishing theoretical and practical foundations for school education. Their research contributes to strengthening national culture and aesthetic education. These studies aim to define the theoretical basis of music education, apply modern pedagogical approaches, and foster students' creative potential.

For example, A. Hasanov's book *"Music and Education"* explores the interconnection between music and upbringing, detailing how music influences personality development, particularly in educating young generations. It emphasizes the educational aspects of music [4].

S. Begmatov and D. Karimov's textbook *"Music"* for 6th-grade students in general secondary schools explains theoretical and practical aspects of music. The textbook aims to develop students' musical culture, increase their interest in national and world music, and includes exercises for reading musical notes, distinguishing different music genres, and engaging in creative activities [3].

Jura Bekmurodov's *"Theoretical Foundations of Music Education"* scientifically examines the pedagogical and psychological aspects of music education. The author suggests new methods for increasing the effectiveness of music lessons, including didactic principles, strategies to enhance student engagement, and interactive teaching techniques. This research serves as a valuable resource for school teachers.

## Discussion

According to prominent music education methodologists, selecting a repertoire for listening, introducing specific musical pieces, and demonstrating exemplary performances are recommended practices. However, scholars often overlook the necessity of comparing students' performances with professional models and providing them with essential guidance.

Music literacy lessons can be structured in two main ways:

1. **Mastering commonly used musical symbols on the five-line staff**
2. **Developing key musical skills** such as melody (tune), rhythm, intervals, chords, and conducting techniques.

One of the most effective ways to teach students independent and creative thinking in music lessons is by using **the performance and comparison method**. This method involves:

- ✓ **Listening to a selected musical piece** and analyzing it.
- ✓ **Encouraging students to perform the piece** while comparing their performance with a standard version.
- ✓ **Providing constructive feedback**, enabling students to identify strengths and areas for improvement.

This approach helps students develop their ability to self-assess, think critically, and apply creative interpretations to their performances [8].

Research has shown that not all students absorb musical knowledge at the same pace, as their perceptions and preferences for different music genres vary. Therefore, students should be grouped based on their musical aptitude before applying the performance and comparison method.

Another key strategy is **individual music lessons**, where a teacher can engage with a student on a deeper level. A skilled teacher should inspire the student by demonstrating professional-quality performances, encouraging artistic exploration, and providing personalized feedback.

Musical creativity is crucial for fostering students' artistic thinking, curiosity, and innovation. Effective music education should:

- ✓ Identify talented students and nurture their abilities.
- ✓ Encourage students to participate in **music competitions, festivals, and concerts**.
- ✓ Use **interactive teaching tools** to make music learning engaging.

A well-structured music lesson should include:

1. **Music listening and analysis** – Understanding composition, melody, and rhythm.
2. **Performance practice** – Enhancing technical skills and emotional expression.
3. **Comparison and evaluation** – Refining musical perception and critical thinking.
4. **Creative composition** – Allowing students to create their own music.

### Conclusion

Music lessons play a vital role in shaping students' creative thinking and analytical skills. By developing **musical creativity**, students learn how to express emotions, analyze compositions, and generate new ideas. The **performance and comparison method** enables them to engage critically with different musical pieces, enhancing their interpretative and analytical abilities.

Music education not only fosters creativity but also contributes to **personal and cultural development**. Key benefits include:

- ✓ **Encouraging creative thinking** – Students explore and expand their musical perspectives.
- ✓ **Developing aesthetic taste** – Appreciation for musical beauty and composition.
- ✓ **Fostering personal growth** – Confidence, independence, and artistic self-expression.
- ✓ **Preserving cultural heritage** – Studying national and international music traditions.
- ✓ **Enhancing teamwork** – Learning to collaborate in group performances.

Thus, **music education is essential for both artistic and intellectual development**, providing students with the skills and knowledge to appreciate and create music. Strengthening music education programs in schools will ensure that future generations develop a deep appreciation for the art of music while enhancing their overall cognitive and social skills.

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