

Summery of a book based on defended thesis paper

The general content of the book based on a defended thesis paper is oriented to the theoretical and practical training of the students of the Musical, Dance and Fine Arts Academy “Prof. Asen Diamandiev” for their future activity as competent music pedagogues, performers and artistic directors.

The scientific research follows two basic lines: the necessity of studying “History, Theory and Style in Pop and Jazz Music” and the use of “Modern Electronic Systems”.

The focus is placed not only on the theoretical training but on the use of the music computer methods and the practical activities of the students as well aiming to have effective teaching process using the innovations of the digital techniques.

An integrative relationship is reached between the theoretical knowledge and the practical application in students’ activity concerning the two basic lines of the research.

1. Creating interest to classical music by perception of musical works arranged with musical-expressive means of the pop music

Abstract: Today, through the media and the music technologies, we are surrounded by music of different styles: folk, classical, popular and more. What are the preferences? The result received from surveys with teenagers shows that the percentage of listening to the music of the classics is the lowest. The musical taste depends on many factors: - family, school, media and more. As far as the school is concerned, the interest in classical music can be created and motivated. One way is to adopt classical music pieces arranged with the musical-expressive means of the pop music, which is preferred by the young people and closest to their worldview. The removal of the sharp boundary between different styles of music allows collaboration between classical and pop music, and this is a more accessible way to the perception and comprehension of the classical musical works.

2. Multimedia and contemporary music pedagogy

Abstract: The rapid development of science and technological progress require new strategies in terms of renewal and pedagogical activity. Today is the time of new media and modern technologies. The development of electronics, as well as

of new recording and sound equipment create new opportunities for communication. Therefore, the use of innovation in electronic technology and new computer technology must be an integral part of the learning process. One of the clearest examples in this direction is multimedia, which integrates different audio-visual information media into one whole. The development of modern technologies has led to the creation of such branches of science like design, computer graphics and animation, computer music, video games, educational programs and simulators of complex physical processes. This is how the so-called "virtual reality" came into existence. We can unite all these trends under the name of multimedia. Modern multimedia offers great opportunities as regards music education. Using multimedia products leads to better efficiency of the learning process. Since music occupies one of the most essential places in multimedia, multimedia products provide excellent opportunities for its visualization. Thus, we have a new dimension to the perceptive process. It becomes active and emotional because music itself is associated with a particular visual representation of nature landscapes, works of art, moments from the creative biography of the composer of a certain work of art, images related to the structure of a musical work, with its character and mood, with the notation of main themes and so on. The best example of the application of multimedia products are electronic textbooks. They focus students' attention through color images, as well as through various additional audio and video materials. By using multimedia communications, teaching music becomes an attractive and entertaining process. This will spark interest in music classes, hence interest and love for music in general.

Keywords: Multimedia, Audio-Visual Means, Computer Technologies

3. Music software used to record and process sound - new tool complementing and improving the skills of the music teacher in a secondary school

The modern teaching aid, its electronic versions, the possibilities of the synthesizer and the development in the sphere of the electronic music systems as a whole to a large extent facilitate teaching process in the Secondary school music lessons.

The self-instruction of the teacher and the organization of a modern creative music lesson in the Secondary school require knowledge in the sphere of the modern music systems and a skillful use of a certain music software.

The computer technology in music is of importance both for the training and the professional activity. In the future their application in the creative work of the musical pedagogue will increase more effectively.

Using to a full extent the possibilities of the contemporary music technologies based on the principles of recording and processing digital sound information the

music teacher can reach not only effectiveness of the learning process but the creation of multimedia products will become a routine activity for him/her/ as well.

The contemporary education starting from the kindergarten to the student's bench should have to deal with the challenges of the computer technologies in order to fulfill the imperatives of the new time.