

# Analysis of Digital Thinking of Art Education and Teaching in Colleges and Universities

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**Abstract:** Art education is a test of students' comprehensive quality of aesthetic education, it can help students form aesthetic consciousness, improve students' artistic accomplishment, improve students' taste, promote students' moral, intellectual, physical, aesthetic and labor comprehensive healthy growth. With the development of the times and the progress of society, the rapid development of science and technology, the digital education is unstoppable. On this basis, it is also indispensable to carry out the digitalization of art education and teaching in colleges and universities. The advantage of digital resources is that it can create a good learning environment, help students better understand the content of the course, improve learning efficiency and learning quality, promote students' effective learning, cultivate students' ability to use the knowledge they have learned to solve problems encountered in life, cultivate students' learning ability, and help college teachers to design teaching according to students' actual learning situation and cognitive development law, improve the teaching level and professional quality of college teachers. Therefore, this paper starts with the problems of digitalization of art education and teaching in colleges and universities, combined with the necessity of digitalization of art education and teaching in colleges and universities, and explores the strategy of digitalization of art education and teaching in colleges and universities.

**Keywords:** Colleges and universities; Art education teaching; Digital

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At present, there are still some problems in the digitalization of art education and teaching in colleges and universities: imbalance of resource construction, low investment efficiency, duplication of construction, lack of personalized design, lack of communication and exchange between teachers and students, and lack of humanistic teaching. However, the digitalization of art education and teaching in colleges and universities can change the teaching mode, break through the shackles of traditional teaching, innovate students' learning methods and improve learning efficiency. Therefore, college teachers should improve their professional quality, keep up with the pace of the times, innovate teaching methods, improve art literacy, build art network, and integrate teaching resources.

## **1. Improve professional quality, keep up with the pace of the times**

The teaching quality of university teachers determines the quality and level of teaching. College teachers need to improve their professional quality to better understand the content of art teaching, update teaching concepts, innovate teaching methods, write teaching plans, and effectively disseminate knowledge according to students' actual learning and long-term development<sup>[1]</sup>. Art is a course closely related to the times. Art works in different periods show the epitome of different times to a certain extent. In today's society, art and other art works are blooming, reflecting the different emotional experiences and superb skills of artists. In order to learn art well, in addition to basic painting skills, students should have a certain humanistic background and artistic accomplishment, have the mentality of keeping pace with the times, actively learn advanced artistic concepts, have lofty

aspirations, and become an artist, not a copy. This requires college teachers who teach art to improve their professional quality, update their teaching concepts, use digital teaching resources, seize advanced art resources in time, learn advanced art concepts, and use digital teaching resources to build teaching situations and create teaching environments., Promote cooperative inquiry, and carry out in-depth learning. In this way, it can help students to better explore art knowledge, cultivate students' enthusiasm for learning art, improve students' comprehensive quality and learning ability, and promote students' comprehensive and healthy growth. In order to continuously improve their abilities, college teachers should actively participate in the professional skills training organized by the school, learn information technology, treat teaching tools correctly, use and configure them rationally, give full play to the strengths of college teachers, carry out knowledge teaching, and cultivate students' art literacy and Artistic accomplishment. In order to promote the development of college teachers' professional ability and cultivate good professional quality, college teachers should learn the theoretical knowledge of art theory, art history, aesthetics, etc., expand the channels of information acceptance, obtain and accept art information in all aspects with the help of information technology, often visit art museums and art exhibitions to learn art appreciation, broaden art horizons, and improve their views on art. At the same time, college teachers should actively think about communicating with other art teachers and artists to enhance their artistic accomplishment.

## **2. Innovating Teaching Methods to Improve Art Literacy**

As students grow older, they have their own cognition and judgment of the world. Their outlook on life, world outlook and values have basically taken shape. They have their own learning methods. They are greatly influenced by the external environment and have strong attention and endurance<sup>[2]</sup>. However, students' concerns are still affected by their interests, and they spend more time and energy on the things they are interested in. Moreover, the digitalization of art education and teaching is different from traditional teaching. It can help students better understand art knowledge, find suitable learning methods, improve students' understanding and thinking ability, increase students' learning enthusiasm, and improve the efficiency of consolidating art knowledge. Students learn art better and promote the cultivation of students' subject thinking. Therefore, college teachers should innovate teaching methods and improve students' art literacy.

Affected by the environment, teachers lack of attention to students' art knowledge, so students' art foundation is relatively weak, and their knowledge of art history and art appreciation is insufficient. In teaching, most teachers ignore this situation and directly appreciate works and teach paintings. Paintings that lack theoretical basis can only exist as copies. Coupled with the tradition of teachers' teaching methods, lack of practical examples to prove evidence and simple teaching of painting skills, students lack innovation and further possibility. Teachers in colleges and universities should innovate teaching methods, build a teaching environment of art theory knowledge with the help of information technology, and concretize specific painters and works, such as Van Gogh's Sunflower. Teachers can use information technology to simulate Van Gogh's life, focus on showing the events faced by Van Gogh during this period, lead students to figure out Van Gogh's state of mind, combine European art development and related concepts, and let students taste the skills and emotions, based on this to carry out copying and innovation, encourage students to draw their own works. Finally, by setting up digital teaching evaluation, college teachers can intuitively and accurately understand whether the teaching concepts, teaching methods and the control of teaching links used in their teaching activities are accurate, and effectively understand the students' knowledge acceptance level and application level. On this basis, college teachers can adjust their teaching methods in time for the problems, reflect on their own shortcomings, carry forward their own advantages, improve their own professional quality, promote the improvement of teaching level, and lay the foundation for the next step of teaching improvement. At the same time, students can take this opportunity to understand what they have learned, what level they have learned, what level of learning they are in, etc., to obtain accurate and effective feedback on learning results, to point out the direction for students, and to become the motivation for students to learn. In this way, students can cultivate good psychological quality so that students can maintain a peaceful state of mind, do not produce excessive emotional fluctuations due to external objects, and exercise students' psychological quality.

## **3. Constructing Art Network and Integrating Teaching Resources**

The main feature of digital art education and teaching is the wide application of information technology in the teaching process. Therefore, it is necessary to construct an art network, integrate teaching resources, break the limitation of time and space, promote the cooperation and exchange of educational resources, form a new teaching mode, and cultivate innovative high-quality talents. In this way, to meet the actual learning needs of students and respect individual differences is to adhere to the requirements of people-oriented, practice the principle of teaching students in accordance with their aptitude, and conform to the

law of educational development <sup>[3]</sup>.

Art teachers are educators and appreciators. The school should invite professional and technical personnel to build an art network, which provides an infinite space for the art teaching of college teachers, so that college art teachers are not restricted by time and space, obtain art information, carry out teaching activities, and make college teachers move towards globalization. Art classrooms, carry out digital teaching mode. The school should set up an art library, collect art materials and carry out digital processing. College teachers can use the art network to lead students to appreciate the living environment and growth experience of artists from all over the world, experience the emotions contained in the artist's works, develop art appreciation, and understand art theoretical knowledge and art skills on this basis, and realize the unity of theory and practice <sup>[4]</sup>. Moreover, the traditional teaching audience is all students, but due to congenital or acquired reasons, each student has certain differences in cognitive rules, memory ability and understanding level, etc. The time and energy of college teachers cannot be based on each student. Different targeted explanations, and when students have doubts about a certain knowledge point, college teachers usually do not explain the knowledge that most students have in class, as a result, some students with poor basic knowledge can not get timely help. Art is a closely structured and closely related subject, which requires students to understand a lot of relevant knowledge, such as history, culture, thinking and so on. Therefore, building a library allows students to get the most needed information in the shortest possible time. Moreover, the school can contact other colleges and universities to build an education sharing platform, so that college teachers and students can obtain more art education resources on the platform, rationally allocate teaching resources, and promote educational balance.

## **Conclusion:**

To sum up, the digitization of art education and teaching in colleges and universities is feasible. In view of the problems existing in the digitalization of art education and teaching in colleges and universities, college teachers should establish the consciousness of lifelong learning, learn information technology, improve their own ability, innovate teaching methods, cultivate students' art literacy and artistic accomplishment, and build a knowledge network. In this way, stimulate students' enthusiasm for learning art, let students feel the charm of art, guide students to discover, appreciate, create beauty, and cultivate students' sense of beauty and artistic accomplishment.

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