



## Research on the development trend of fine arts education based on ecosystem

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**Abstract:** Starting from the theory of fine art education under the ecosystem, this paper integrates the conceptual connotation with the extension content, takes the ecological system as the main body, fine art education as the core, development prospect as the key point, and discusses that openness, interactivity, symbiosis and sustainable development ability are the elements and characteristics of maintaining ecological balance. Based on the vision of the development of the fine arts education under the ecological system, the higher education workers are led to rethink the higher fine arts education.

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Art and art education are interrelated and different. Fine arts is the cornerstone of fine arts education. Fine arts education is promoted by the development of fine arts, and it is constantly optimized and perfected with the development of fine arts. The role of fine arts education has become a lubricant to promote the development of fine arts. Through the expression of art style, fine arts education exerts an effect on human society, beautifying people's mind, opening people's mind, promoting human development and social progress, and then promoting the progress and inheritance of human civilization. Therefore, it is very necessary to understand the history and general situation of fine arts and art education for people to better understand from the perspective of fine arts.

### Overview of the ecosystem

#### 1. The connotation of ecosystem

Ecosystem means the whole organic system as a whole, composed of organisms and natural environments in a particular natural space. In the whole organic system, life and the natural environment interact and control each other, and their dynamic and balanced state must be under the premise of relative specific time. The size of the ecosystems presented is interwoven, with the highest being the Earth's biosphere and the most complex being natural ecosystems such as tropical rainforests. Most live in human ecosystems dominated by cities and arable land. Because natural ecosystems are open systems, they must continue to provide energy if they are not to balance themselves, or they risk collapse.

#### 2. Components of the ecosystem

There is an inseparable organic system between nature and environment, so we call this system biological ecosystem. Ecosystems consist of a variety of abiotic materials and energy sources, producers, consumers, decomposers, and most importantly, producers. Natural ecosystems are also quite diverse, but are usually divided into natural and human ecosystems. In the whole human ecological system, due to the small number of wild animals and plants, human influence is also very prominent, have dependence on and influence on the whole biological ecological system. Therefore, the human ecological system is considered as a complex ecological system integrated by the biological ecological system and the ecological system of the whole human society.

#### 3. The role of stabilizing the ecosystem

Ecosystem is a free running open system with considerable security and stability. Because of its stability, it can self-regulate to a certain extent to maintain the internal structure of the system itself and achieve a stable state of dynamic balance, which is also the basis for long-term stable development of the ecosystem. At the same time, a stable ecosystem also has energy capacity. For example, the existence of coral reefs can enhance the coastal areas' flood control ability against storms and tsunamis. In the Caribbean, it not only restores the country's image of a good coral reef ecosystem, but also reduces the possibility of human being being affected by storms and disasters. Therefore, only with limited self-regulation can the ecological system get the maximum play. We must coexist peacefully with the whole natural ecological system and develop sustainably.

## **The development prospect of fine arts education under the ecological system**

### **1. Overview of Fine arts education ecosystem**

#### **(1) Connotation of Fine arts education ecosystem**

Art education can be regarded as a small ecosystem, we can call it the art education ecosystem. In this paper, the art teaching ecosystem is defined as an organic system consisting of art teachers, students and teaching environment in the teaching space. In this organic system integration, art teachers, students and teaching environment interact with each other and influence each other, and are in a relatively stable dynamic equilibrium in a specific time. In the ecosystem of art education, it is necessary to keep open and constantly absorb new energy, that is, absorb new art knowledge and skills, so as to keep the ecosystem of art education alive forever.

#### **(2) Components of fine arts education ecosystem**

Art education is an integral organic system with art teachers and students, which is called the ecosystem of art education. Among them, art teaching environment includes classrooms, art teaching equipment, a variety of art materials, of course, should also be generalized sunshine, air, etc., these are indispensable material basis for art teaching. Art teachers and students are the main components, art teachers are the leader of art education ecosystem, students are the main body of this ecosystem. Art education ecosystem is a kind of artificial ecosystem.

#### **(3) The function of complete and healthy art education and ecological education**

Only by establishing a scientific art education ecosystem can we ensure the orderly development of art education in our school, promote the healthy growth of teacher-student relationship and students.

In order to form a complete and healthy art education ecosystem, art teachers are required to do the following two things:

##### **1) Art teachers and students should make reasonable use of art curriculum resources**

Art education resources are mainly divided into campus resources, natural resources, art education resources and art network resources. The rational use of art education resources can enrich the connotation of college art courses, enhance the artistic effect and highlight the characteristics of local art education.

About the most effective use of art resources, such as the school provided with a clean environment, good facilities, teaching equipment and can reflect the development level of modern science and technology, computer and other hardware and software equipment. Next, art teachers should guide students to properly use the resources of the school library and teach students how to collect and consult materials. A large number of

art education resources inside and outside the school should be developed, including galleries, art galleries, studios of famous painters, etc., and various forms of art education activities should be held. Make full use of the advantages of network art education, guide students through the use of network resources of art teaching, gradually develop their own interests and characteristics. Teachers in rural and remote areas can adjust to local conditions, make full use of local natural resources and artistic advantages, carry out characteristic art teaching, and gradually establish the regional advantages of local art education and teaching.

Art teachers should first know how to make reasonable use of these tools, materials and various resources inside and outside the school, and then teach students how to make reasonable use of these tools, materials and various resources inside and outside the school. Only by scientific and reasonable use of these campus resources and off-campus resources can we live in harmony with them and make the ecological system of art education in a stable dynamic balance. In this way, art education and teaching activities can achieve the best results and students can get due development.

##### **2) Art teachers and students should establish a harmonious and friendly relationship between teachers and students**

Painting classroom is a kind of small ecosystem, must be placed in a good dynamic balance, not only requires the painting teacher, students and painting teachers harmonious coexistence, but also requires teachers harmonious coexistence between each other. The relationship between teachers and students is an important part of the whole ecosystem, and its harmony directly determines how fine arts education can live smoothly and healthily in this ecosystem. In the ecosystem of art education, the relationship between art teachers and students has an extremely important impact on the growth of students. The ultimate goal of art education is to cultivate individual and creative art talents.

### **2. The development prospect of fine arts education under the ecological system**

As far as the art education system is concerned, in the fields of cultivating the humanistic quality, aesthetic consciousness, creativity and artistic quality of primary and secondary school students and their growth in various fields, the ideas and methods of art education must have the open, interactive, symbiotic characteristics and sustainable growth consciousness emphasized in the ecosystem management, so as to form the art education ecosystem. Art education is different from other education, so it is more practical to study and discuss its development prospect from its

own special standard.

The art education ecosystem is relatively prominent in three aspects as follows:

The teaching content of art education should reflect ecology. In the ecological system of fine art education, the teaching content of fine art education should pay attention to the imparting of a variety of basic knowledge and skills of fine art and the integration of various disciplines with an open concept, and the integration must be an "ecological" type, not only among various different disciplines, the integration between majors, but also between classroom teaching and social practice teaching, teaching units and single One is the integration between elements, basic knowledge ability and creation and innovation ability, so as to establish a multi-faceted, multi-level and multi-stage mutual and complementary integration relationship, expand the cognitive structure of students, give play to the potential role of fine arts education teaching in improving students' humanistic quality, aesthetic ability and innovative ability, so as to realize the sustainable development of the fine arts education ecosystem.

Secondly, the organization of art education and teaching should reflect ecology. Teaching organization with dynamic generation or development is necessary for art education today. In the art curriculum ecosystem, the art curriculum setting, art curriculum setting and art teaching equipment should be based on the management of openness, interaction, symbiosis and sustainable development. On this basis, the emphasis on the single group honor course should be shifted to the emphasis on the individual development, individual activities and individual innovation of students' individual growth. Instead of focusing on professional knowledge and professional skills, we focus on exploring the emotional generation, cognition and thinking process of knowledge, and change the simple teaching of art courses in primary schools into the expansion of art teaching activities with the whole community's art education resources, so as to achieve the best ecological effect of art course teaching.

Thirdly, the teaching process of art education should reflect ecology. From the perspective of art education ecosystem, art education is an education system formed by a series of modes of expression, whose individual modes include reflection and evaluation, perception and experience, creation and expression, etc. In the process of art teaching, creation and performance must be based on perception and experience, and creation and performance are the driving forces of perception and experience, while reflection and evaluation are both directions and development verification, and they are complementary ecological relations. In the ecological system of fine art education, the wisdom generation and harmonious

development of fine art teaching process should be emphasized. The process of fine art teaching should respect the natural creative ability of students, highlight the cooperative relationship of double subject status, and emphasize the extensive and in-depth cooperation between students and art teachers to form the common exploration and creation activities between teachers and students as the center of the fine art teaching process. In art teaching, both art teachers and students should be actively involved, and an ecological relationship of mutual enlightenment, cultivation and complementarity has been formed in the art teaching and classroom environment of teachers and students, so that art teachers can enrich teaching experience, enlighten students' thoughts, enlighten their thinking and develop creativity, so that they can obtain sufficient and equal sustainable growth conditions and adjust for them. The improvement of physical quality and the cultivation of sustainable growth ability have laid a solid foundation.

To sum up, with the progress of The Times, the development of fine arts education under the ecosystem will surely move forward in a more optimized, scientific and reasonable way. The art comprehensive education element and skill education into a variety of ways to expand the vision, tamp the basic theoretical knowledge at the same time, to achieve a higher aesthetic expression. As Goethe once said: "In nature, we never see anything in isolation. Everything is connected with what is before it, next to it, above it and below it." "A tree can be beautiful because of a particular sky, a particular light and the influence of the sun in a particular situation. But if I leave all that out of my painting, it might not have much power." This is enough to prove a rule that has been proven throughout history.

### Conclusion

Under the ecological system, fine art education has infinite potential and possibility in the future, but there are also some practical difficulties. Therefore, giving full play to the advantages of their own attributes is a long-term road. This paper probes into the factors and characteristics of the ecological balance with its openness, interactivity, symbiosis and the ability of sustainable development. Based on the vision of the fine arts education under the ecological system, it leads the higher education of fine arts to rethink the higher fine arts education in our country.

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