

## EXPLORATION ON THE PATH OF ENVIRONMENTAL ART TEACHING REFORM IN COLLEGES AND UNIVERSITIES FROM THE PERSPECTIVE OF EDUCATIONAL PSYCHOLOGY

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**Background:** Environmental art is to design the environment. It is an art science to create harmony and lasting, including urban planning, urban design, architectural design, interior design, etc. Environmental art is closely related to people's daily life, work and leisure. With the development of economy, people's income level is constantly improving, the quality of life is also improving, and people have higher and higher requirements for the quality of various environmental arts. Therefore, in recent years, environmental art began to rise and develop rapidly in China. Environmental art design is a comprehensive interdisciplinary subject set up according to social development and needs in China. It mainly cultivates students' artistic thinking mode, and students' rationality and design logic. However, there are still some defects in the current environmental art teaching in colleges and universities. Firstly, teachers' pay too much attention to the theoretical teaching of curriculum. The theory of environmental art design is strong, there are many professional terms, and the teaching content is relatively abstract. Many teachers simply instill theoretical knowledge into students in the teaching process, ignoring the cultivation of students' comprehensive ability and practical ability, resulting in low learning enthusiasm and enthusiasm of students. Secondly, students lack the exercise of practical projects and cannot combine theoretical knowledge with practical practice. Therefore, students will lack the corresponding scale perception when designing. Finally, the form of after-school homework practice and course examination in environmental art teaching is relatively single, and students' homework is basically completed by a single person, lack of team cooperation, and there is no atmosphere of mutual learning and common progress.

Educational psychology is an important branch of psychology. It mainly studies human learning, the effect of educational intervention, teaching psychology, and the social psychology of school organization. The focus of educational psychology is to apply the theories or research results of psychology to education. Therefore, based on educational psychology, we can carry out curriculum design and improve teaching methods. The research is based on educational psychology to reform the teaching mode of environmental art in colleges and universities. This paper puts forward some measures to improve the teaching mode of environmental art in colleges and universities, including promoting diversified teaching, teaching students according to their aptitude and realizing personalized teaching; Pay attention to the combination of theory and practice. Optimize course assessment methods. The improved environmental art teaching in colleges and universities can effectively improve students' learning enthusiasm, improve students' learning efficiency and achievement, improve students' art design level, and output high-level and high-quality environmental art design talents for the society.

**Objective:** To study the reform of environmental art teaching mode in colleges and Universities Based on educational psychology. The improved environmental art teaching in colleges and universities can effectively improve students' learning enthusiasm, improve students' learning efficiency and achievement, improve students' art design level, and output high-level and high-quality environmental art design talents for the society.

**Research objects and methods:** 80 students in a university were selected as the research object, and the students' professional course examination results were used to evaluate the teaching effect of the teaching mode.

**Research design:** The students were randomly divided into research group and control group, with 40 people in each group. The students in the research group used the improved teaching mode of environmental art design in colleges and universities, while the students in the control group used the traditional teaching mode of environmental art design in colleges and universities. After 4 months, the test results of the two groups were compared.

**Methods:** The relevant data were processed and analyzed by software SPSS 23.0.

**Results:** After teaching, the scores of students in the research group were better than those in the control group, and the difference was significant ( $P < 0.05$ ), as shown in Table 1.

**Conclusions:** Environmental art design is a comprehensive interdisciplinary subject set up according to social development and needs in China. It mainly cultivates students' artistic thinking mode, design rationality and design logic. However, there are still some defects in the current environmental art teaching in colleges and universities. The research is based on educational psychology to reform the teaching mode of environmental art in colleges and universities. The improved environmental art teaching in colleges and universities can effectively improve students' learning enthusiasm, improve students' learning efficiency

and achievement, improve students' art design level, and output high-level and high-quality environmental art design talents for the society.

**Table 1.** Test results of two groups of students

Timing	Examination results		<i>t</i>	<i>P</i>
	Research Group	Control group		
Before teaching	71.9±12.3	72.1±13.1	0.403	0.762
After teaching	89.4±10.3	83.2±12.5	7.201	0.001
<i>t</i>	8.019	5.431	-	-
<i>P</i>	0.001	0.037	-	-

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## BEHAVIOR PATTERNS OF COGNITIVE IMPAIRMENT GROUPS IN COMMUNITY BUSINESS DESIGN UNDER THE BACKGROUND OF AGING

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**Background:** According to the statistics of relevant national data, the problem of aging is increasing year by year. It is expected that the population of the elderly in China will exceed 300 million by 2023, which means that the elderly population accounts for more than one third of the total population in that year. Although China and European and American countries are also facing the problem of aging, the problem of aging in China is more serious. There are too many elderly people. Many of these people are facing problems such as being at home alone, lack of self-care ability and poor economic conditions. If these problems are not solved, it is likely to affect the quality of life of the elderly and even threaten their personal safety. Therefore, we need to build a perfect social pension system according to the actual situation. "9064 pension model" is implemented in some economically developed cities in China. In this model, there are three pension methods. The elderly can be cared for by families through community service cooperation. The community will provide elderly care services for the elderly during the day, or provide centralized pension in relevant pension institutions. The population proportions of the elderly in these three methods are 90%, 6% and 4% respectively, community cooperation plays a very important role in the elderly care process. From this, we can see the importance of community commerce, which lays a material foundation for community elderly care and home-based elderly care, and is an important means to carry out community elderly care services. In recent years, community commerce is developing continuously, and there has been some research progress abroad. Community commerce should not only meet the material needs of the elderly, but also pay attention to the emotional needs of the elderly.

Therefore, the design of community commerce needs to consider the actual situation of the local elderly, adjust the relevant design according to the different conditions of the elderly, and refine the function of community commerce. Among them, we need to pay attention to the elderly with cognitive impairment and understand their actual needs. The elderly with cognitive impairment usually has memory decline, decreased motor language ability, impaired sense of direction, reduced self-care ability in varying degrees, poor drug taking, etc. They need the careful care of community nurses, so that the community business can provide convenient conditions for nurses.

**Objective:** To design community business for the elderly with cognitive impairment, provide them with a special activity center, and design a satisfactory indoor layout by considering the behavior mode of the elderly with cognitive impairment, so that the elderly with cognitive impairment can carry out relevant activities at ease. Establish shops, hospitals, restaurants and other buildings near the community to meet the needs of the elderly with cognitive impairment, so as to facilitate community personnel to take care of the elderly with cognitive impairment, ensure their quality of life, and promote the stability of their condition.

**Research objects and methods:** Taking the community workers caring for the elderly with cognitive impairment as the research object, 350 community workers were selected from 15 elderly communities by stratified random sampling, and 350 questionnaires were distributed. The questionnaire is prepared according to the application effect related to community business. The processing software of the questionnaire data is SPSS software. The relevant scoring standard is grade 1-5. The higher the score, the higher the degree of correlation.

**Results:** The collected questionnaire data were sorted out and analyzed by SPSS software. The scores of