product design can not only increase the personality of modern products, but also enable folk arts and crafts to enter the public's field of vision again. From the perspective of psychology, individual psychological experience and emotional fluctuation will be affected by external stimulation, and the stimulation brought by excellent art works is usually very strong. Therefore, it is also a valuable research direction to integrate art therapy technology into the art design of products to alleviate the psychological problems of the audience.

Objective: Draw lessons from art therapy theory to integrate folk arts and crafts into modern product design, and explore through experiments whether this product design has a significant impact on the psychological state of the audience, and whether it can alleviate the psychological problems of the audience in this way.

Subjects and methods: There are two kinds of appearance designs for a product without changing its performance and function, one is the ordinary appearance, and the other is to integrate folk arts and crafts into its product design by referring to the art therapy theory. 180 research subjects with similar basic data were found and divided into two groups according to the principle of equal number of people. One group was the observation group, and they were asked to use the products integrated with folk arts and crafts design. The other group was the control group, using ordinary products. Before and after the experiment, the changes in their psychological state and the relief of psychological problems were recorded.

Results: Table 1 shows some results of SCL-90 scale test of the two groups of subjects after the experiment. The severity of psychological problems in the observation group was significantly lower than that in the control group ($P < 0.05$), but there was no significant difference between the two groups before the experiment.

Table 1. Test results of SCL-90 scale for two groups of subjects after the experiment

Item	Observation group	Control group	P
Paranoid	2.53	2.44	<0.05
Depressed	2.61	2.56	<0.05
Anxious	2.48	2.43	<0.05
Hostile	2.34	2.2	<0.05

Conclusions: Folk arts and crafts is an art inherited from the long-standing history and culture. It is of great value in art, culture, history and so on. Under the framework of art therapy theory, the research integrates folk arts and crafts elements into the design of modern products in order to intervene the psychological problems of users through the use of products. The results of the comparative test show that the product design combined with folk arts and crafts has a significant intervention effect on the psychological problems of users in many aspects. The design idea has practical and promotional value.

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INFLUENCE OF ENGLISH ONLINE TEACHING MODE ON STUDENTS' LEARNING EFFECT UNDER THE BACKGROUND OF EDUCATIONAL PSYCHOLOGY

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Background: In English teaching, if teachers want to achieve satisfactory teaching results, they should study students' psychological development and learning ability from all aspects, and make reasonable planning and application in combination with their own teaching experience. The combination of psychological education and English learning is still unfamiliar to some teachers and students. It also needs long-term practice. It is impossible to achieve it overnight. Therefore, in the process of carrying out daily teaching activities, teachers should grasp students' psychological characteristics and have a clear understanding of students' actual needs, so as to make students change their views on English learning from the point of view, make students actively explore and analyze what they have learned, and further improve classroom efficiency. In China, educational psychology originated in the 1970s. After continuous practice and application, educational psychology has become an indispensable part of education and teaching at the current stage. The following is an analysis of the impact of educational psychology on English teaching. The behaviorism faction mainly wants to break and reorganize the links formed by the formed learning habits through stimulation and other reactions. In the process of teaching, teachers can adopt some reward and punishment systems to urge students to make progress and emphasize repeated training. In continuous training, students can open their mouths to speak English and become a habit. In the current English

teaching, many schools have added audio-visual courses, so that more teaching materials can be taught in the form of audio-visual. Therefore, many teachers have changed the traditional teaching methods. In fact, this is a reflection of the impact of psychological education, and in terms of the results, it still benefits a lot. As the name suggests, cognitive faction is that learning is the reorganization of cognitive structure and the processing of existing knowledge to obtain various information. Knowledge comes from the cognition of life. There are objectivity and subjectivity, and the two are interdependent. In teaching, its significance also lies in the construction of psychological education to obtain new cognition from students' original learning experience, and at the same time, it emphasizes the cultivation of students' initiative and enthusiasm in learning. The cognitive faction emphasizes the cultivation of students' enthusiasm and initiative, that is, the cultivation of students' autonomous learning ability. It is the basis of learning to give students the motivation to learn. Therefore, in the teaching process, teachers should not only limit their teaching to allowing students to acquire knowledge and improve their grades, but also pay attention to the cultivation of students' creativity and autonomous learning ability. The same is true in English teaching. However, cultivating students' creativity requires a suitable teaching atmosphere. A relaxed classroom atmosphere can make students enrich their imagination and creativity.

Objective: In traditional English teaching, teachers' teaching is mainly based on the analysis of teaching materials, and the classroom is also based on teachers' teaching. In this process, teachers tend to ignore students' psychological development. With the development of the new form of modernization, people have more and more realized that the influence and role of educational psychology on teaching is very important. For online English teaching, psychological education can play a great role in enlightening, paying attention to students' psychological education and fundamentally improving the teaching efficiency of online English classes, which is also the direction that English teachers need to consider. Based on the theory of educational psychology, this study constructs an online English teaching model, and analyzes the impact on students' learning effect.

Subjects and methods: In a certain area, 200 college students with negative psychological emotions were selected as the research objects. The online English teaching model based on educational psychology was adopted to teach all the students. All the college students were between 18 and 21 years old. Before and after teaching, the students were evaluated by the self-designed online classroom negative emotion evaluation scale. Relevant data are calculated and counted by Excel software and SPSS20.0 software.

Results: Among the students with high, medium and low anxiety levels, there were significant differences in the comparison of online English learning anxiety factors ($P < 0.05$), and there were also significant differences in the comparison of each factor ($P < 0.05$).

Table 1. Comparison of scores of online classroom negative emotion evaluation scale for students with different anxiety levels

Factor	Low anxiety	Medium anxiety	High anxious
Worry	2.32	3.16	3.76
Nervous and tense	2.46	3.2	3.68
Afraid to speak English	2.44	3.32	3.57
Fear of classroom	2.35	3.37	3.73
Total learning anxiety	2.39	3.25	3.69

Conclusions: The deep integration of information technology and classroom teaching is a problem that teachers must face. Teachers can achieve the goal of "Online + offline" teaching quality with the same effect only by taking student development as the center and constantly optimizing and innovating teaching mode. In the online classroom, teachers should control the rhythm more effectively, enrich the teaching content, pay attention to the influence and application of educational psychology on teaching, enable students to actively participate in online English learning in a more diverse and effective way, and improve students' comprehensive application ability of language.

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STUDY ON THE INFLUENCE OF MULTI PART CHORUS ON PUBLIC INTERPERSONAL COMMUNICATION DISORDER

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Background: In recent years, interpersonal disorder has become the most prominent psychological problem of the public, which is reflected in three aspects: emotional, cognitive and personality disorders. Research shows that many unaccompanied mixed choruses, in addition to the beauty of harmony, singing itself is also beneficial to health. The rational use of breath will continuously increase vital capacity, which can be regarded as a good exercise. Multi part chorus is like talking and crying. The singing process can be regarded as a process of releasing emotions and emotions, which can free the singer from himself and realize the venting of negative emotions. All troubles dissipate with the singing and realize psychological relaxation. At the same time, because many choruses need to recite music, and some songs need to be sung in foreign languages or dialects, you will virtually learn a lot of knowledge, exercise your memory, improve your sensitivity to subtle differences, control the pitch, timbre and strength changes, and strengthen the coordination with other people's voices around, so as to exercise people's body and mind in an all-round way. Research shows that the pure and magnetic voice in the process of chorus can be very beneficial to people's emotional improvement, and often bring irresistible emotion and shock to people's soul, so as to affect people's cognitive concept and promote the improvement of their personality system. Some scholars advocate the application of traditional song therapy in the fields of mental patient care, hospice care, elderly care, rehabilitation of children with intellectual disabilities, individual psychological counseling and so on. In general, multi part unaccompanied chorus focuses on the artistic effect of hearing combined with vision. Some studies have shown that on the basis of ensuring the effect of multi part chorus, it is emphasized to play the role of psychological group counseling through the interaction and communication between singers, instructors and singing members with the help of unaccompanied chorus.

Objective: In the psych music therapy theory of western developed countries, the music therapy method of song discussion is often used to intervene the patients at the cognitive level, guide the patients to discuss the song content and music melody experience, and explore their subconscious emotional contradictions, so as to change their wrong cognition, so as to promote the normal development of personality system. Therefore, this study uses the method of multi part unaccompanied chorus to study the interpersonal communication disorders of college students.

Subjects and methods: Students from 10 colleges and universities in a certain area were selected as the research objects, and 80 college students with typical affective disorder, cognitive disorder and personality disorder were obtained through screening. The 80 students were intervened by multi part chorus, and their psychological status was evaluated before and after the intervention.

Research design: SCL-90 scale was used to evaluate and analyze the two groups. The scale has a total of 90 self-evaluation items. The test factors include somatization, obsessive-compulsive symptoms, depression, anxiety, psychosis, etc., through the 5-level scoring method, the higher the score, the lower the level of mental health. The relevant data were calculated and counted by Excel software and SPSS20.0 software.

Table 1. Comparison of SCL-90 test results before and after intervention

Factor	Before intervention	After intervention
Somatization	1.33±0.18	1.11±0.10[*]
Obsessive compulsive symptoms	1.65±0.49	1.36±0.34
Interpersonal sensitivity	2.38±0.63	1.48±0.44[**]
Depressed	2.10±0.68	1.49±0.58[**]
Anxious	1.68±0.52	1.31±0.40[**]
Hostile	1.56±0.43	1.31±0.24
Terror	1.48±0.53	1.28±0.42
Paranoid	2.04±0.51	1.48±0.32[**]
Psychotic	1.50±0.33	1.26±0.27[**]
Sleep and diet	1.41±0.38	1.20±0.39[**]
Total score	155.00±36.85	119.63±27.89[**]

Note: [*] $P < 0.05$; [**] $P < 0.01$.

Results: SCL-90 test results were analyzed, as shown in Table 1. The results showed that the scores of