

lives and made many people suffer from mental diseases. Data mining technology is the product of information technology, which has an excellent performance in the collection and sorting of information data. In the face of more and more students suffering from anxiety psychological diseases, we need to take effective measures to deal with them. Therefore, in order to improve students' anxiety psychological problems, data mining technology is used to mine students' anxiety psychological data. Through the mining of data such as the causes of students' anxiety psychology, the condition of anxiety psychology and the harm and influence of anxiety psychology, suggestions for improving the condition are put forward for different students, so as to treat students' anxiety psychological problems more effectively and scientifically and help students return to a healthy psychological state. Promote the healthy and scientific development of students. This paper studies and analyzes the current situation of modern students' anxiety psychology, analyzes the causes of students' anxiety psychology, and then discusses the influence of data mining technology on students' anxiety psychology.

**Objective:** This paper analyzes the causes and harm of anxiety psychology, studies the causes of students' group anxiety psychology, and then studies the influence of data mining technology on students' anxiety psychology, in order to improve students' anxiety psychological symptoms through data mining technology.

**Subjects and methods:** The study took 120 students in a school as the research object, of which 60 were ordinary students and the remaining 60 were anxiety students. Carry out big data mining on the students studied, count the students' psychological demands, and give professional psychotherapy plans according to the students' psychological situation. The experimental test lasted for 6 months, and the mental health indicators of the subjects were recorded, with a score of 1-10. The health indicators included four indicators: Students' enthusiasm, learning attitude, students' achievement and students' mental health.

**Results:** As shown in Table 1, it shows the psychological changes and performance changes of students in 6 months. After six months of experimental testing, the mental health indicators of ordinary students and sick students have been improved. At the same time, the health indicators of many sick students have also returned to the level of normal students.

**Conclusions:** Mental health problem has always been an important problem affecting social health and harmonious development. As a typical mental disease, anxiety psychology affects a large number of people in China every year, especially students, which has an adverse impact on China's educational and social development. Therefore, this paper analyzes the manifestations and causes of anxiety psychology, analyzes the reasons why students suffer from anxiety psychology, and then links students' anxiety psychological problems through data mining technology. The experimental results show that after six months of testing, students' anxiety psychological problems have been significantly improved. At the same time, all health indicators have been improved. The research content is of great significance to promote the reform and development of modern education.

**Table 1.** Students' psychological changes and performance changes in 6 months

Survey object		Before experiment	After experiment
Ordinary students	Students' enthusiasm	6±1.2	7±1.3
	Learning attitude	5±1.5	6±1.6
	Student achievement	5±1.8	7±1.2
	Mental health of students	6±1.3	7±1.3
Sick student	Students' enthusiasm	4±1.2	6±1.3
	Learning attitude	4±1.6	6±1.2
	Student achievement	3±1.1	6±1.5
	Mental health of students	3±1.3	6±1.5

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## ANALYSIS ON THE INFLUENCE OF COLLEGE ENGLISH TEACHING CURRICULUM INNOVATION ON STUDENTS' ENGLISH LEARNING ENTHUSIASM

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**Background:** Learning enthusiasm mainly refers to a positive psychological state in people's learning

activities. The positive psychological state affects people's thinking ability, cognitive ability and judgment ability. If people keep learning enthusiasm at all times, it will be easier to achieve the effect of learning in the whole learning process. Learning enthusiasm is usually composed of learning emotion, learning attention and learning will. In psychological research, only by ensuring that students have a good psychological state and positive emotion can they form learning enthusiasm. At the same time, in the study of learning enthusiasm, it is also understood as all active psychological states with seriousness and diligence, initiative and tenacity in learning activities. The understanding of dynamic mental state refers to the deep understanding of the learning object, and maintaining an optimistic mood and serious spiritual attitude. Therefore, in the context of the current educational reform, it is very important to ensure that students have good learning enthusiasm. Learning enthusiasm is a positive psychological state, which cannot be produced out of thin air. It is affected by the social environment and educational environment. At the same time, students' curiosity, desire to explore and their mastery and understanding of knowledge structure are also important factors to form learning enthusiasm. In the context of modern education reform, in order to promote students' learning enthusiasm, we need to consider many factors of learning environment and constantly optimize the teaching process, so as to improve students' learning enthusiasm.

College English course is one of the important subjects in modern higher education. College English course has the characteristics of high difficulty, boring content and single teaching methods, which leads to the lack of students' interest in learning. Many students are not interested in English course, which leads to the general effect of English teaching. With the development of modern education, colleges and universities have realized the importance of English curriculum education, and constantly try to reform and innovate the English teaching curriculum in the educational reform, such as optimizing the teaching content, integrating more diversified English elements into the English classroom and attracting students' attention; Innovate teaching methods, adopt more flexible teaching methods, no longer limited to traditional didactic teaching, pay more attention to the application of information technology in the classroom, and emphasize the interaction and communication between teachers and students to enhance students' classroom confidence; At the same time, change the attitude towards students with learning difficulties. Many teachers in colleges and universities do not pay attention to students with learning difficulties, resulting in worse and worse performance of students with learning difficulties. After the innovation and reform of college English curriculum, professional training for students with learning difficulties will be increased to help students improve their English learning skills and improve their learning quality. Through a variety of effective English curriculum innovation measures to enhance students' learning enthusiasm will effectively change the current situation of college English teaching and accelerate the scientific development of modern education.

**Objective:** To explore the current situation of college English curriculum teaching, explore the relationship between the relevant theories of learning enthusiasm and learning development, improve students' English learning enthusiasm through the innovation of college English teaching curriculum, and provide theoretical support for the development of college English education.

**Subjects and methods:** 120 students from a university were selected as the research object, and 60 students were divided into experimental group and control group respectively. The students in the experimental group will adopt the innovative teaching method of English, while the students in the control group will adopt the conventional method of paying tuition in English. The test will last for four months, and the psychological change indicators and academic achievements of students before and after the test will be recorded.

**Table 1.** Four months later, the psychological changes and academic performance of students in the experimental group and the control group

Strategy		1 month	2 months	3 months	4 months
Control group	Subject achievement	61	63	62	62
	Confidence	45	47	46	47
	Subject interest	46	50	51	50
	Classroom performance	52	53	51	53
Experience group	Subject achievement	60	63	65	71
	Confidence	50	58	61	67
	Subject interest	53	59	67	73
	Classroom performance	58	63	67	78

**Results:** As shown in Table 1, it shows the psychological changes and academic performance of the students in the experimental group and the control group after four months. The score is based on 100.

From the change of the index, it can be seen that after four months of study, the learning enthusiasm and academic performance of the students in the experimental group have been significantly enhanced; The change of English teaching methods has little effect on students' learning enthusiasm, but it shows that some students in the control group have less enthusiasm for English learning.

**Conclusions:** College English teaching has always been the difficulty and focus of education. Many college students are afraid of English teaching and even reject psychology, resulting in poor English learning quality. English learning enthusiasm is an important factor affecting students' English learning quality. Through the theoretical analysis of learning enthusiasm, this paper puts forward to improve students' English learning enthusiasm by innovating college English teaching courses. The experimental results show that through the effective innovation of English curriculum, students' enthusiasm for English learning can be significantly improved and the quality of English learning can be improved, which is of great significance to promote the development of English education.

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## EXPLORATION ON THE TEACHING REFORM PATH OF MUSIC EDUCATION CURRICULUM FROM THE PERSPECTIVE OF EDUCATIONAL PSYCHOLOGY

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**Background:** Educational psychology is an important branch in the field of psychology. The research object of educational psychology includes all the people in the learning environment and all the factors affecting the development of education. The research content of teaching psychology includes four important contents: learning psychology, teaching psychology, student psychology and teacher psychology. The study of educational psychology can explore various factors affecting people's learning from the perspective of psychology, including positive and negative factors. Through the study of people's learning psychology, we can explore the relationship between educational development and people's development, so as to continuously optimize teaching content, improve teaching methods, innovate teaching system, and promote the development of teaching activities in a positive direction. In the development of modern education, the research of educational psychology is an important part of the development of education. As early as 1903, American psychologist Thorndike mentioned educational psychology in his book educational psychology, which marked that educational psychology has become an important branch of psychological research field. With the continuous expansion of human research on educational psychology, educational psychology has expanded from the early research on students' psychology and learning psychology to the research on the relationship between teachers' psychology, all influencing factors of teaching environment and psychology, which makes the research of educational psychology more perfect and plays an important role in the development of modern education. It can be seen that the whole development process of modern education pays great attention to the research of educational psychology. Through the research of people's thought, emotion, thinking, interest, ability, motivation and other factors in the learning environment, we will explore the general laws and characteristics of people in educational activities, so as to play a positive role in the development of educational activities.

Music education is a very important branch of modern education. Music education includes music related disciplines such as vocal music teaching, piano, dance and music appreciation. Music education covers a wide range. Students from primary school to university will be exposed to music education courses, which has an important impact on the development of students' physical and mental quality. Under the background of educational reform, many changes have taken place in the course teaching of modern music education, such as the change of teaching content, teaching pays more attention to theory and practice, and the emphasis direction of education has changed greatly. At the same time, the teaching methods are also being adjusted, paying more attention to the application of information-based teaching in music education, and constantly adjusting the teaching means according to the development characteristics of students, so as to better meet the development requirements of students. Educational psychology has an important application in the teaching reform of music education curriculum, especially through the understanding of students' psychological demands of music education and the mastery of music classroom psychological state to continuously improve the teaching content and innovate teaching means, which can significantly enhance students' learning initiative and improve the teaching effect of music education. Therefore, this paper analyzes the research content and function of educational psychology, and then continuously improves the music teaching content and the effect of music teaching through the research of