

then analyzes the development direction and energy supply mode of pure electric vehicles, the factors that lead to the cognitive impairment of the management of pure electric vehicle enterprises, and then carries out targeted intervention to alleviate the cognitive impairment of the management.

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OBSTACLES AND COUNTERMEASURES IN ORAL ENGLISH COMMUNICATION UNDER THE BACKGROUND OF HAINAN FREE TRADE ZONE

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Background: Free trade zones, or free trade zones, refer to the free flow of goods between member states that have signed free trade agreements without tax and quantitative restrictions, which can greatly promote economic development. In 2018, China's Hainan Province began to build a pilot Free Trade Zone in an all-round way. In this context, Hainan has frequented economic and cultural exchanges with foreign countries, and oral English communication is also very common. Therefore, the demand for talents who master English skills in the UK has also increased greatly, and more and more attention has been paid to the English level of students. However, due to the problems of low teaching quality, limited English level, low psychological quality and limited thinking logic, students often have communication obstacles in oral English communication. Oral English communication disorder will lead to the impairment of students' self-confidence, resulting in negative emotions such as anxiety, resulting in students' learning weariness and affecting students' personal development and growth. Moderate anxiety can help students concentrate, so that they can study more attentively and hard, and then improve their academic performance. However, when the degree of anxiety is too high and lasts too long, students' physical and mental health will be damaged, students' interest in learning will decline, and even weariness will appear, which will greatly affect students' normal study and life. Therefore, it is necessary to put forward strategies based on educational psychology to solve the problem of students' oral English communication obstacles, so as to alleviate students' anxiety.

Educational psychology is a branch of psychology. Its main research direction is the learning effect of students, the effect of teaching intervention, the teaching psychology of teachers and the social psychology of school organization under the educational situation. Educational psychology is to apply psychological theory to education, so as to improve teaching methods, improve students' learning enthusiasm, and help students solve various problems in the process of learning and growth. Educational psychology has important applications in teaching design, teaching mode improvement, promoting students' learning motivation and helping students overcome psychological problems. Through educational psychology, teachers can have a deeper understanding of students, improve the pertinence of teaching, adjust teaching methods and teaching methods, and improve teaching quality. Based on educational psychology, this study analyzes the psychological changes of students in English learning and oral English communication, and then improves oral English teaching methods, helps students overcome psychological obstacles, overcome oral English communication obstacles, and improves students' self-confidence, so as to alleviate students' anxiety.

Objective: Due to the problems of low teaching quality, limited English level, low psychological quality and limited thinking logic, students often have communication obstacles in oral English communication, resulting in anxiety. The research puts forward strategies based on educational psychology to improve the oral English teaching model, hoping to improve students' English level and self-confidence and alleviate students' anxiety.

Research objects and methods: Two classes were randomly selected from a university as the research objects. The oral English test results of the two classes were used to evaluate the oral English teaching effect of the two classes, and the Self-rating Anxiety Scale (SAS), Self-rating Depression Scale (SDS) and Hospital Anxiety and Depression Scale (HADS) were used to evaluate the anxiety degree of students.

Research design: One of the two classes is class A, with 73 people. The other class is class B, with 71 people. Class a adopts the improved oral English teaching mode based on educational psychology. Class B adopts the traditional oral English teaching mode. Three months later, the teaching effect and anxiety level of the two classes were compared.

Methods: The relevant data were processed and analyzed by software SPSS17.0.

Results: After teaching, the anxiety level of students in the research group was significantly lower than that of students in the control group ($P < 0.05$), as shown in Table 1.

Table 1. SAS scores of two groups of students

Timing	SAS scores		<i>t</i>	<i>P</i>
	Research group	Control group		
Before teaching	76.2±12.3	76.5±12.1	0.304	0.653
After teaching	52.6±8.7	65.2±11.9	6.420	0.013
<i>t</i>	6.371	4.421	-	-
<i>P</i>	0.000	0.019	-	-

Conclusions: In 2018, China's Hainan Province began to build a pilot Free Trade Zone in an all-round way. In this context, Hainan has frequented economic and cultural exchanges with foreign countries, and oral English communication is also very common. Therefore, the demand for talents who master English skills in the UK has also increased greatly, and more and more attention has been paid to the English level of students. However, due to the problems of low teaching quality, limited English level, low psychological quality and limited thinking logic, students often have communication obstacles in oral English communication, leading to mental anxiety. The research puts forward strategies based on educational psychology to improve the oral English teaching model. The results showed that after teaching, the anxiety level of students in the study group was significantly lower than that of students in the control group ($P < 0.05$).

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CURRICULUM DESIGN AND PRACTICE OF UAV MISSION PLANNING FROM THE PERSPECTIVE OF EDUCATIONAL PSYCHOLOGY

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Background: The teaching effect of UAV mission planning course is related to the professional quality and ability of UAV professionals in China, so the design and practice of the course are very important. At present, there are some defects in the UAV mission planning course, which leads to students' inability to fully understand and master some complex theories. For a long time, students' psychological pressure, such as learning pressure and employment pressure, has increased, and their negative emotions have accumulated, which has evolved into anxiety psychology. Anxiety is an emotional and behavioral disorder that excessively worries about bad expected results, including generalized anxiety, social anxiety, panic disorder, learning anxiety and so on. Short-term and moderate anxiety can help students establish learning goals and direction, and contribute to students' learning. However, long-term and excessive anxiety will lead to the impairment of students' physical and mental health, affect students' normal life and study, increase the burden on students' families, and have a negative effect on students' personal development and the construction of a harmonious society. Therefore, the UAV mission planning course should be designed and improved to improve the teaching quality and avoid students' anxiety due to worrying about their studies.

Educational psychology is a psychological theory put forward under the background of teaching reform. It has important theoretical and practical significance in promoting the reform of the education system. In addition, educational psychology is also of great significance to the improvement of educators' psychological quality and teaching methods. Educational psychology contains many related theories, including psychological content, the law of psychological changes of students in the learning process, teachers' analysis and cultivation of students' learning motivation, teachers' transfer and promotion of students' learning, teachers' analysis of the development of students' cognitive ability, teachers' cultivation of students' cognitive understanding, students' memory development, students' knowledge consolidation methods. The formation of students' cognitive strategies, the cultivation of students' problem-solving ability and innovation ability, the cultivation of students' correct self-consciousness, students' group psychology and students' mental health education. Using educational psychology to analyze students' psychology and learning motivation, and then optimize the original UAV task planning course can effectively improve the teaching quality of the course, improve students' learning efficiency, and avoid students' anxiety due to excessive pressure. It is of great significance to students' personal development and the development of UAV industry.

Objective: At present, there are some defects in UAV mission planning course, which leads to students'