

secure data and content. Secondly, we should integrate resources and improve the government's ability to use existing data. Integrate the fragmentary data of various departments, classify them uniformly according to the data directory, merge and process the previous similarity database, and reduce the repeated construction of the database.

Focus on strengthening the training and training of digital government talents. It can cooperate with advanced university laboratories for the development of big data technology for a long time, train data development and management talents needed by government departments, and transfer them to government departments for internship.

Conclusions: To sum up, affected by the rapid popularization of network technology, science and technology, the era of exponential explosion of data and information has come. Facing the opportunities brought by the rapid growth of data resources to national and social development, government departments should actively establish and improve digital government, boldly use big data technology and resources, and do a good job in the innovation of government public management mode, so as to improve the efficiency of government public management.

Acknowledgements: 2020 Social Sciences General Project of Henan Provincial Education Department: Research on the Construction of County Government Governance Capacity in the Implementation of the Rural Revitalization Strategy (2020-ZZJH-450).

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RESEARCH ON THE INFLUENCE OF MODERN JEWELRY DESIGN MODE ON STUDENTS' COMMUNICATION AND ADAPTATION BARRIERS

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Background: Educational activities are the mutual activities between teachers and students, and the process of mutual influence and interaction between teachers. The communication between teachers and students includes not only academic communication, but also emotional communication between teachers and students, including values communication, emotional communication and daily life communication. Through communication and exchange, teachers can understand students' learning, psychological status and political ideals, so as to better formulate teaching strategies, effectively improve students' achievements, help students establish correct outlook on life and values, and cultivate high-quality and high-energy talents for the society. Therefore, communication is an important part of teaching content and an important way for teachers to understand students and improve students' interest in learning. However, some students have communication and adaptation barriers. Communication disorder is that in the process of communication, patients have language cognitive impairment due to defects in one or more cognitive functions such as working memory, self-management or executive function, which leads to the decline of patients' language communication ability, unable to accurately express their thoughts and normal communication with people. Or because of autism and inferiority, students are unwilling or afraid to communicate with others. This kind of students usually have a strong sense of inferiority, and they can't open their hearts to emotional communication with teachers. Finding a way to solve students' communication adaptation obstacles and improve the communication frequency with students is of great significance to improve students' academic performance and healthy development in the future.

Jewelry is an important part of clothing culture and the embodiment of human aesthetic consciousness. China's jewelry culture is one of the traditional cultures. To study the changes of jewelry culture can study the historical changes of Chinese society to a certain extent. The evolution of jewelry can reflect the evolution of human civilization. Therefore, the study of jewelry culture is not only helpful to improve the artistic aesthetic level, but also of great significance to the study of the process of historical civilization. With the development of the times and the improvement of manufacturing technology, people's lifestyle is also changing, and the function and meaning of jewelry have also changed. Nowadays, jewelry not only has decorative functions, but also has certain art attributes, which can reflect society, express culture and emotion. Therefore, when designing modern jewelry, designers pay more attention to the emotional interaction between consumers and jewelry, awaken consumers' past or current cognition and memory, stimulate emotional feedback, so as to meet consumers' emotional needs and create more value. Applying modern jewelry design mode to solve students' communication and adaptation obstacles can enable students to express their emotions with the help of jewelry design, provide a new way for teachers and students' emotional communication, and then effectively improve students' mental health and promote students' healthy development.

Objective: Modern jewelry design mode is applied to solve the communication and adaptation obstacles of students. Students express their emotions with the help of jewelry design, and provide a new way for emotional communication between teachers and students, so as to effectively improve students' mental health, promote students' healthy development, and cultivate high-quality and high-ability talents for the society.

Research objects and methods: 80 students with communication adaptation barriers from 6 universities were selected as the research objects by stratified cluster sampling. The communication ability of students was evaluated by using the self-made communication ability evaluation scale. The scale includes 10 elements such as fluent speech, clear speech, clear logic and willingness to communicate. The score of each element is 1 - 10 points, and the full score of the scale is 100 points. The higher the score, the stronger the students' communication ability.

Study design: 80 students were randomly divided into study group and control group, with 40 students in each group. The research group adopts the teaching method combined with modern jewelry design mode, and the teachers communicate with the students according to the emotions expressed by the students in jewelry design; The control group used traditional teaching methods. After 3 months, the students' communication ability was evaluated.

Methods: The related data were processed and analyzed by software SPSS 17.0.

Results: After teaching, the communication ability of students in the research group was significantly improved ($P < 0.05$), while the communication ability of students in the control group had no significant change ($P > 0.05$), which was significantly lower than that in the research group ($P < 0.05$), as shown in Table 1.

Table 1. Communication skills of the two groups of students

Timing	Communication ability score		<i>t</i>	<i>P</i>
	Research Group	Control group		
Before teaching	57.1±10.2	56.4±11.1	0.246	0.752
After Teaching	85.3±8.4	57.9±12.4	8.572	0.001
<i>t</i>	8.72	0.453	-	-
<i>P</i>	0.001	0.654	-	-

Conclusions: Communication between teachers and students is an important part of teaching content and an important way for teachers to understand students and improve students' interest in learning. Applying modern jewelry design mode to solve students' communication and adaptation obstacles can enable students to express their emotions with the help of jewelry design, provide a new way for teachers and students' emotional communication, and then effectively improve students' mental health and promote students' healthy development.

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CURRICULUM OPTIMIZATION DESIGN OF CHILDREN'S ART EDUCATION UNDER THE BARRIER OF COMMUNICATION AND ADAPTATION

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Background: Children's psychology is extremely sensitive. When there are problems in parents' or family education, or lack of family communication and care, children may suffer from autism. Autism, also known as autism, is a developmental disorder involving many aspects in early childhood, including perception, emotion, language, thinking and behavior. Children with autism will lack self-confidence and think that they have defects in many aspects and are inferior to others, so it is easy to lead to children's inferiority complex. In addition, autistic children often have weak communication skills, like to hide in the corner, and are unwilling or afraid to communicate with others. Research shows that about 50% of autistic children have aphasia, or the development of language ability and communication ability is slow. Therefore, children with autism generally have communication and adaptation barriers. Children with communication adaptation disorder are lack of language ability and can't communicate with others normally. Language is an important way for human beings to recognize and think about the outside world in early childhood. Language barriers will restrict children's development in other aspects. Therefore, finding a way to solve children's