

Intelligentized Integration of Maritime English Teaching

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Abstract: At present, maritime English teaching is still limited to the traditional single teaching methods and teaching tools, which cannot meet the requirements of the shipping industry for talent training. The combination of questioning method and blackboard, cooperative teaching method and card, teaching method and multimedia, situational teaching method and physical object, and project teaching method and simulator equipment can enrich the classroom content of marine English and improve the teaching quality of marine English. Based on the advantages of mobile learning and smart classroom in the field of English learning, this paper discusses the integration path of mobile technology and English smart classroom, explains its preconditions, teaching design and implementation methods, and provides ideas for the feasibility and normalization of classroom teaching intelligent reform.

Keywords: Intelligentized Integration; Maritime English Teaching

1. INTRODUCTION

With the development of the world shipping industry, there is a growing demand for shipping talents with good English skills. Whether to cultivate qualified sailors who meet the requirements of the international shipping industry, have a good English level and good intercultural communication ability is a problem faced by all shipping colleges. Accordingly, the teaching of maritime English is facing great challenges. However, today's marine English education cannot meet such requirements. The current situation of marine English is shown as follows. Language learning is characterized by the indivisibility of knowledge points and its own system, which needs and can be completed in sporadic time.

Mobile technology breaks through the time and space limit, and learners can use the "fragmented" time for informal learning. This "small step" learning is an effective extension of the classroom, making teaching and learning activities more flexible. Learning is no longer limited to teachers, classrooms and books. The development of language learning activities can be embedded in the informal learning environment outside the classroom. "Internet plus Teaching Mode". Under the background of "Internet plus", the traditional teaching model will be deconstructed and combined again to develop a new interactive model of teaching and learning.

This new teaching mode will meet the needs of learners according to the development trend of network assisted teaching and internet education, and provide learners with multiple learning modes such as experiential learning, collaborative learning and mixed learning. The characteristics of differentiated teaching are mainly as follows. First, respect and understand the differences of students. Under the mode of higher education in China, large-class teaching is the norm, and the learning basis of students in each class is uneven. The basic feature of differentiated teaching is that teachers are required to recognize the differences between students, put an end to the single rigid teaching method, and prevent the simple "one-size-fits-all" teaching mode.

Chinese name	English name	Type of data
Grade number	Score_ID	Numeric (9, 0)
Teacher ID	Tea_ID	Varchar (10)
Read aloud	LD	Smallint (2)
Question 1	WD1	Smallint (2)
Question 2	WD3	Smallint (2)

Figure. 1 Design of Oral English Teaching Based on Embedded Microprocessor

2. THE PROPOSED METHODOLOGY

2.1 Current situation of maritime English education

"Questioning method, also known as conversation method, is a method for teachers to put forward new questions based on students' existing knowledge and experience, guide students to think, and let students obtain knowledge and put forward conclusions through dialogue between teachers and students. Questioning is an effective means of teaching, which promotes students to participate in classroom activities, and urges them to think and understand.

Smart classroom is essentially an educational classroom that fully stimulates wisdom, in form: Classroom with intelligent application of information technology. Smart classroom maximizes the effectiveness of "educating people" in English teaching. It uses modern information technology to transform the traditional classroom of "knowledge teaching" into a learning environment of "wisdom generation", guide learners to "turn knowledge into wisdom", and pay attention to the development of their thinking and innovation abilities

"Internet plus+Teaching Evaluation". To a large extent, "Internet plus" can overcome the problem that traditional education evaluation is difficult to collect evaluation basis and evaluation information in a single and fragmented way. It can

not only collect education data in the whole process and in all directions, but also collect unstructured data such as emotional factors, psychological tendencies, and practical abilities other than exam scores, so as to support comprehensive and systematic evaluation and expand the connotation and function of education evaluation. However, students who do not receive "attention and nutrition" in the classroom will give up slowly, which will in turn affect the state and enthusiasm of teachers in class, forming a vicious circle. Therefore, compared with the general subjects, it is of great significance to use the differentiated teaching method in the class of marine English reading class to make every student have the corresponding harvest and improvement as far as possible. Questions can be directed at the whole class or individuals. Some students may be very active, so teachers should try to involve every student in the question and answer.

2.2 The advantages of combining intelligent classroom with maritime English teaching

In addition, when students answer correctly, they should be praised; If the answer is not completely correct, you should praise the correct part of the answer first, and then point out the wrong place. The key is that teachers should understand the reasons for students' mistakes, and do not discourage students' enthusiasm. Whether mobile language learning can be deeply integrated with English smart classroom and achieve complementary advantages depends on exquisite teaching design.

If we only use mobile learning technology to push learning resources, assign assignments and release tests in one direction, but lack the organization, guidance and management of teachers, and neglect the learning process and ability development of learners, we will not meet the requirements of knowledge internalization, problem solving and thinking expansion, which deviates from the original intention of English smart classroom. The traditional teaching mode of "textbook+classroom" will be broken by using the online teaching platform and Youmuke Mobile APP, and technologies such as the Internet and big data will be fully utilized to create a hybrid teaching mode that combines online learning and offline learning to meet the needs of modern education development.

For the students in the basic group, they are required to master the important vocabulary in the textbook and understand some simple sentences; For the students in the reinforcement group, they are required to master the vocabulary and phrases in the text, read the difficult sentences in the text, and learn to divide the sentence structure; For the students in the development group, on the basis of mastering the content of the text, increase the amount of extracurricular reading and further enhance the mastery and understanding of relevant new words, difficult words and sentence patterns. Relying solely on teachers' language to transfer knowledge is a little monotonous and not visual. Especially, maritime English teaching involves a lot of maritime professional knowledge. At this time, the situation can be greatly improved if multimedia is used.

3. CONCLUSION

In a word, the cultivation of students' mathematical modeling ability in higher mathematics can effectively stimulate students' interest in learning, improve their ability to analyze and solve problems, and improve their ability to use mathematical knowledge. Applying the modeling idea to the teaching of higher mathematics is conducive to students' in-depth understanding of the knowledge of advanced mathematics, reducing the difficulty of learning advanced mathematics, and improving students' ability to apply and explore knowledge. At this stage, there are still some problems in the introduction of modeling ideas in advanced mathematics teaching. Therefore, advanced mathematics teachers should conduct in-depth research and exploration, strengthen teacher-student interaction, and lay a good foundation for improving the quality of advanced mathematics teaching.

4. REFERENCES

- [1] Xu Yifang Integration of various teaching methods and teaching tools in maritime English teaching [J] Journal of Jinhua Vocational and Technical College, 2010 (2): 4
- [2] Zeng Zhen Research on the path of integration of mobile language learning and English smart classroom teaching [J] Journal of Qiqihar Normal College, 2020 (2): 3
- [3] Huang Xiaoyan and Xiao Haiyan Research on the construction of English teaching mode in higher vocational colleges under the background of mixed teaching [J] Sino-foreign Exchange, 2020, 027 (013): 4
- [4] Wang Jing A preliminary study on the effectiveness of the mixed teaching model of nautical English based on "Internet plus" [J] Journal of Qingdao Ocean Crew Vocational College, 2019 (2): 76-79
- [5] Mao Jiadai Research on the intelligent education-oriented VR English cross-cultural teaching model [J] Foreign language audio-visual teaching, 2022 (3): 7
- [6] Sun Yirong, Zhang Lei, Li Hongyin "New infrastructure" drives the intelligent transformation of urban transportation network [J] Journal of Guangzhou Maritime College, 2022 (001): 030
- [7] Liu Jiaqi, Zhuo Yongqiang The application of differentiated teaching in marine English reading class [J] Maritime Education Research, 2017, 34 (4): 4
- [8] Song Xiaofeng A preliminary study on the effectiveness of the mixed teaching model of nautical English based on "Internet plus" [J] two thousand and twenty
- [9] Xu Tingliu, Zheng Pengjun, Wang Yongjiang Discussion on the characteristics and reform of maritime English teaching [J] China Educational Technology and Equipment, 2013 (21): 97-98
- [10] Qiu Xuyan The application of cooperative learning in maritime English listening and conversation teaching [J] Science and Education Literature (second ten-day issue), 2008
- [11] Li Xiaoyu Research on optimizing the intelligent supervision methods of Weifang discipline inspection and supervision organs
- [12] Zhang Di Discuss the integration of basic navigation English and professional English teaching [J] Curriculum

- education research: new teacher teaching, 2013, 000 (015): 215-215
- [13] Chen Dongqin Research on the teaching of English practical writing in senior high school under the "smart classroom" [J] Popular Science: Smart Education, 2023 (2): 2
- [14] Jinli Research on the implementation of effective smart classroom teaching based on the network environment [J] Chinese Science and Technology Journal Database (full text) Education Science, 2021 (1): 2