

*Original Research Article*

## **Study on the strategies of improving middle school English teachers' learning ability in the information age**

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**Abstract:** With the deepening of education reform and the coming of information age, English information-based teaching has become the center of English teaching. At the same time, middle school English teachers must keep pace with the times, improve their own ability and better use it in teaching. This paper first analyzes the importance of improving English teachers' learning ability in the information age and the present situation of English teaching, then discusses the problems in practical application, and finally puts forward the corresponding countermeasures.

**Keywords:** Informationization; English teacher; learning ability; promotion way

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### **1. Introduction**

Now the society has entered the information age. Information technology has created a new educational environment in the Internet age. Although China's Internet information technology is still developing, with the past of time, information-based education model emerged. Under this teaching mode, teachers and students can get rid of the inefficient, boring and noninteractive traditional teaching class by supporting Internet technology, thus making teaching more effective and interesting. However, the teaching mode based on information relies on the information technology of the Internet to a great extent, but at present many teachers in our country lack this kind of ability, which results in teachers' professional ability not keeping up with the speed of the development of education. Under the background of Information age, teachers are required to rely on information technology to improve their learning ability and professional quality so as to improve their teaching level.

### **2. The importance of improving English teachers learning ability in the information age**

#### **2.1 The information age requires English teachers to improve their learning ability**

In the information age, the continuous development of Internet technology enables people to acquire a great deal of knowledge in a few minutes. At the same time, the rapid updating of information has also brought unprecedented challenges to teachers. The informationization of an era will inevitably lead to the informationization of education. This is not only a process of educational information integration, but also a process of educational thought innovation. Education informatization is an important part of social informatization, and the development of teachers' learning ability is the key to the development of education informatization. In the information age, the contents, concepts, ideas, methods and models of English education have undergone profound changes, which puts forward higher requirements

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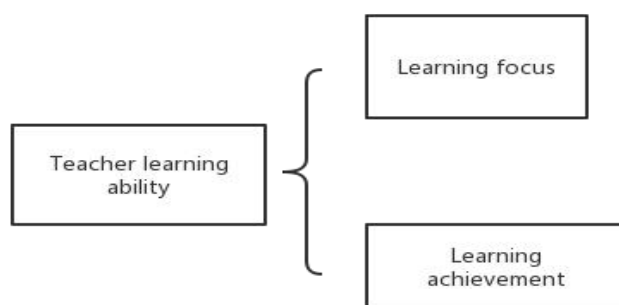
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for the knowledge structure and competence of English teachers. It is obvious that if teachers stick to the traditional English teaching mode, they will not keep up with the development of the times, which is not conducive to improving students' English ability and the English teaching efficiency.

The development of teachers' learning ability has been paid much attention in the educational circles of different countries. Teachers' learning ability is related to the improvement of teachers' professional skills. The development of English teachers' learning ability is of great importance to their professional development. Teachers can learn by means of information technology and have a large number of teaching resources. How to choose suitable resources according to the characteristics of English class and use them in the classroom and finally transfer knowledge by using appropriate multimedia training methods is a problem faced by English teachers in middle schools in the information age. English teachers' learning ability, professional competence, ability to deal with educational resources and the ability to choose tools need to be further improved to adapt to the development of education in the information age. In addition, with the progress of the times, the information explosion of the information society has brought severe challenges to teaching, so English teachers must constantly improve their learning ability to adapt to the development of the times.



**Figure 1.** Elements of teachers' learning ability

### 3. The problems of English teachers learning ability in the information age

First of all, many English teachers do not understand their classroom cognition well. First, they think that using PPT to replace the traditional classroom is the combination of information technology and English teaching, they can use PPT to English teaching, which is obviously not true. It is just a mixture of modern teaching techniques and traditional teaching methods rather than effective teaching. Secondly, some English teachers are afraid of challenges, unwilling to change, and have little motivation for career development. On the one hand, they have a certain dependence on the traditional English teaching mode. They believe that even if they do not need to use information technology for learning, they can improve their learning ability and achieve good results in education. On the other hand, they fail to correctly recognize that the profession of teachers is to cultivate high-quality talents needed by society and the country, and ignore the inherent requirements of students in the information age and the willingness of students to make use of the rich network resources for learning, even ignore the importance of their own career development. Moreover, they even have no desire to improve learning ability.

Secondly, some external factors may also affect the improvement of English teachers' learning ability. First of all, some schools do not pay enough attention to the improvement of English teachers' learning ability and can't provide proper guidance to improve teachers' learning ability in the information age. Moreover, the hardware of some schools is relatively backward and can't meet the needs of English teachers. If there is no appropriate information technology as the basis for teachers to learn, it is impossible to improve the ability of learning based on information technology.

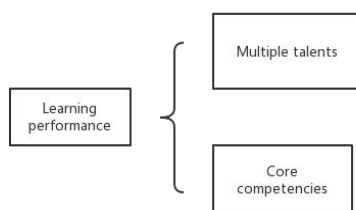
### 4. Strategies for improving English teachers' learning ability in the information age

#### 4.1 English teachers themselves should change their ideas and improve their learning ability

In the context of the information age, English teachers need to change the traditional concept of learning that only the knowledge learned from books is correct. Contemporary junior high school English teachers need to realize that the knowledge of teaching in the classroom is no longer the only source for students to acquire new knowledge. Teachers themselves can not only teach students textbook knowledge as well as learn textbook knowledge alone while teachers should make full use of information means, constantly expand their knowledge reserves, and exchange information with students on knowledge resources. Therefore, teachers must consciously improve their learning ability and the ability to integrate information resources, use modern educational technology to optimize the content and design of English teaching, encourage students to learn English, and improve the efficiency of English teaching. In addition, English teachers should develop the concept of lifelong learning. The coming of information age accelerates the renewal of information and knowledge, and teachers' professional development becomes full of vitality. In order to improve information-based learning ability, English teachers must keep self-study ability, learn new knowledge and new skills all the time, systematically divide knowledge, and gradually build, update and improve their knowledge and theoretical system, constantly improve their ability to learn.

## 4.2 Strengthening the cultivation of English teachers' ability of information-based learning

Schools should be committed to developing English teachers' ability to learn information technology. For example, comprehensive training in information teaching skills, instructional design, instructional methods and instructional evaluation should be used to enable teachers to apply information technology to classroom instruction. Regular training can make teachers fully understand the significance and characteristics of teaching under the background of information age. The school regularly invites relevant experts to give speeches and conduct demonstration courses, and holds regular teaching design competitions for English teachers, encouraging teachers to constantly reflect on their teaching methods, and stimulating the internal motivation of English teachers to improve their learning ability.



**Figure 2.** Performance of learning ability

## 4.3 Construction of a good English informationization teaching environment

Most importantly, the school must create a good learning environment to inspire English teachers to use information technology to develop their learning ability. Secondly, schools should actively promote the construction of digital campus, and provide the necessary platform and preconditions to improve the level of teachers' learning ability. Finally, schools must develop incentive and evaluation mechanisms in line with school development. For example, funds have been allocated to support teacher-based learning capacity-building projects, to regularly assess the effectiveness of the development of English teachers' learning capacity and to encourage teachers to improve their it-based learning capacity.

## 5. Conclusion

In the information age, it is not only the requirement of English teaching reform, but also the one of teachers' professional development to enrich their knowledge reserve and improve their learning ability. Therefore, the school must actively establish a learning environment based on the information technology background, encourage teachers to improve their self-learning ability and enhance their teaching quality in teaching practice.

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## References

1. Chen J, Zhao JF. The professional development of middle school teachers under the background of Internet + Education [J]. Educational theory and practice 2016; (27): 39-41.
2. Mo JX. A study on the ways to improve middle school English teachers ability of information-based Instruction [J]. New Curriculum Research 2016; (3): 122-124.
3. Shi XY. Middle school English information teaching [J]. Journal of Nanchang Institute of Education 2015; (6): 84-86.
4. Wu X. A study on information literacy and professional development of middle school English teachers in the context of informatization [J]. Journal of Yulin University 2017; (2): 113-116.
5. Zhou CH, Wang YX. The exploration and practice of the cultivation of middle school teachers ability of information-based teaching [J]. China's education informatization 2012; (1): 42-44.
6. Chen XL. The present situation and improving strategies of English teachers 'information-based teaching ability in agriculture and forestry middle schools in the internet + era. [J]. Journal of Agronomy 2017; (5): 50-55.
7. Yang Y. Reflections on how to improve the ability of information-based teaching in middle schools in the era of big data [J]. Vitality 2016; (12): 102-103.