Research on the Change of College Students' learning style in the "Internet +" era

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Abstract: the development of network technology has provided a variety of learning methods for college students and improved their learning environment. At the same time, it has also caused some problems, such as: lack of motivation for learning, lack of online learning technology, and so on. Lack of sufficient communication in learning, network learning monitoring environment is not mature. Therefore, according to the above-mentioned problems, this paper puts forward that the other hand is to guide college students to make a clear study plan. On the other hand, college students should be provided with on-line check-in supervision function and corresponding incentive measures, so as to improve the learning efficiency of college students.

1. An introduction to college students' learning in the "Internet +" era

With the development of science and technology, in the era of rapid development of network technology, great changes have taken place in peoples life and study. As a lucky person in the new era, many learning contents of contemporary college students need to be carried on by the network, and there is a great difference in the learning style of the college students before.

1.1 Internet + era college students' learning style

the learning characteristics of college students in the network era the development of the Internet, the optimization of traditional learning methods, for college students to provide more and better ways of learning. For those who have a strong ability to explore, and who are good at using computers. In an Internet environment, they usually learn in the following ways:

First, anytime and anywhere learning methods. This learning style pays attention to the network environment, accords with the college students personal habits or actual needs, is not affected by the time and space, provides a convenient learning environment for the college students, and fully satisfies the learning needs of the college students. For example, college students can choose an online course outside the classroom, not because of the time of the teacher or student, or space constraints, so that students can arrange their own study and life time according to their own time. It greatly improves the learning efficiency and saves time. Second, hybrid learning method. The hybrid learning method is to combine the on-line learning method with the offline learning method fully, to learn from each other and to make up for each others deficiency, so as to achieve the best learning effect. For example, in some courses, offline courses are arranged to allow students to learn face-to-face with teachers. Or arrange some experimental courses in order to consolidate the online learning course content. Third, custom learning method. The characteristic of this kind of individuation learning way is according to the university students study foundation, the study habit and the study time and so on many aspects unifies, thus chooses one kind to suit oneselfs study way. This way makes fully use of the characteristics of the Internet and artificial intelligence, makes the personalized learning style fully meet the needs of the individual, enhances the learning interest of college students, and improves the learning efficiency of college students.

1.2 Characteristics of learning mode in Internet + Era

The characteristics of College students Learning style in the Network Age the characteristics of the learning styles of college students in the network age can be divided into internal and external characteristics according to the learning environment, ecosystem and science and technology factors.

The external feature is the learning environment ecosystem created by the combination of education and network technology. With the development of network technology, a lot of Internet technology is used in the field of education and teaching. For example, our country has an artificial intelligence education company, fluent English, their products are the best example of the use of artificial intelligence in the field of education. In other words, with the Internet as the carrier, people can build more, update, better learning environment ecosystem. This system has the advantage of timely learning, satisfying the combination of education and science and technology, and its intrinsic characteristic is that the network learning environment can make the college students experience the whole process of learning, and the learning effect is better. With the help of external science and technology, this internal environment can fully manage the learning process of college students, such as learning basis, learning progress, examination results, knowledge utilization ability and so on. These are the inherent characteristics of the learning style in the network environment.

2. Network has two sides, it optimizes the learning mode of college students, and there are also some problems. Similarly, after the application of the Internet in the field of education, there are some new problems in the study of college students.

2.1 Nsufficient motivation for learning

People have done a survey to let college students express their preferences for using the Internet to learn.   Of the 300 people surveyed, 65 percent said they liked to study online, and 35 percent said they didnt. At the same time, a survey of college students who like to study online, the results show that only 12 of the 35% of students study online for more than 3 hours a day on average. The vast majority of the 50 people who like to learn online do not spend more than 3 hours. The conclusion is that although most students like online learning, they use the network for a short time and are not deep enough. The reason is that the lack of motivation is the reason for the lack of learning motivation of college students.
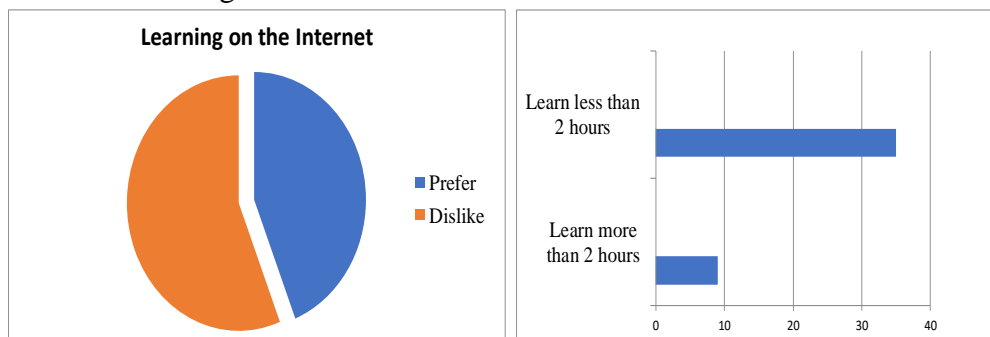

Fig.1. A Survey of College Students' Internet Learning

2.2 The lack of online learning technology for college students

Now, there are many Internet products on the market, such as the famous search engine Google, Baidu or some databases, which do provide rich, high-quality learning resources for college students online learning. It broadens their horizons, enriches their way of learning and reinforces their knowledge. However, college students still lack the ability to use the Internet, lack of initiative in learning, lack of sufficient exploration spirit, and many high-quality resources on the network have not been fully utilized by college students, resulting in many colleges and universities. It is necessary to tutor students on the application of Internet search technology or to set up a course of "document retrieval". Colleges and universities hope to improve their search skills and their ability to use network resources by professional teachers tutoring or special lectures. Such as search engine advanced search function, keyword search function, fuzzy search function, "site" search and other functions. However, the effect is not satisfactory. In addition to using the default features of search engines, many college students do not master these in-depth search skills to assist learning.

2.3 College students' learning lack of adequate communication

There are essential differences between online learning and online games in college students lack of sufficient communication and learning, and they cannot be equated with each other. The former is usually a unilateral input of students, but only the result of their own will, generally they do not need to communicate with the teacher or feedback in a timely manner. The latter need to interact in a timely manner, and need to communicate with each other in order to achieve the goal of the game together. In the environment of e-learning, there is no need for online communication if only to learn some simple basic courses or knowledge. However, if college students use the network to study difficult professional courses, they usually need more time and energy, and also need more communication with teachers. Generally, college students need to make a good record of problems and communicate with teachers in a timely manner. In order to fully grasp the knowledge. However, the results show that many college students do not want to talk with their teachers after class, because sometimes they can not fully express their difficulties on the Internet, and some questions are complicated and require on-the-spot communication. Therefore, many students do not take the initiative to communicate with the teachers, resulting in a lack of in-depth learning.

2.4 The lack of effective monitoring environment for e-learning

At present, it is a common phenomenon for college students to participate in online courses, but the learning effect is not good, most of them are busy dealing with or completing tasks in many conditions. Usually, after a few days of study, their interest will be greatly reduced, enthusiasm will also weaken, so much later is dealing with. However, it compared with offline learning, the occurrence of this situation is related to the characteristics of network learning. On the network, learning is easy to lead to loss of autonomy, because it is not easy to be supervised, college students learning motivation will decline with it, and eventually become coping with learning.

3. Strategies for the change of students Learning style in Network Environment

3.1 Guide College students to make practical Learning Plan

In network learning, college students often can not fully interact, resulting in a lack of motivation to learn, they did learning is not deep enough, and the learning effect is not ideal. In view of these problems, professional guidance can be carried out by specialized institutions in colleges and universities. For example: set up academic guidance center, help guide students to make "learning goals" according to their own situation, guide students to make scientific, systematic and specific learning goals, help students build self-confidence, enhance learning motivation, and improve learning results. In the current environment, high school and college learning mode is different, in high school, curriculum system, course content and learning objective is clear, and have enough time to supervise students and teachers, however, of the university of learning model is different, need to rely on students to consciously, and almost all of the curriculum knowledge to consolidate all arranged by students themselves. Therefore, it is necessary for college students to make scientific learning plans and enforceable learning goals for themselves by professional planning and training. In this case, effective guidance is particularly important, and it is also one of the important strategies to guide the change of learning style of college students.

3.2 Monitoring and incentives for online learning environment

In the network era, many online education companies will design and implement online sign-in supervision or material or level incentive strategies to motivate learners to learn. Take the company fluent in English as an example. After they absorb the students to become consumers, the company groups the students and assigns them to the corresponding "class teacher", that is, the teaching teacher, whose duty is to check the students sign-in every day. Except for the first time, the head teacher had to divide the class into groups, one of which was the team leader. Every day, the team leader needs to check the team members sign-in. If they do not sign in, they will communicate immediately after class. After class, the group leader will give feedback to the head teacher in time

and ask the head teacher to observe everyone's learning situation in real time. This is through the way of network sign-in to urge college students to stimulate their initiative to learn, to enhance the learning effect, through setting up regional learning monitoring groups, everyone to supervise each other, to urge every college student to actively learn.

Of course, there is also a need for good incentives in addition to day-to-day supervision. For universities, they may also have incentives for learning on the Internet, such as cumulative credits. For example, you can talk about prizes, you can upgrade members, you can increase members learning privileges, you can download learning materials, issue graduation certificates, give away learning materials, and so on.

4. Conclusion

The learning environment in the age of network provides a variety of learning methods for college students, which is the progress of science and technology in the age of network. Of course, the current way of online learning needs to be improved, but the most important is that we should learn to adapt better, learn technological innovation, so that learning is easier and more efficient. Second, we should define our own learning goals, learn self-discipline, respect science, respect knowledge. In addition to the above mentioned clear learning plans, the establishment of supervision and incentive systems, there are many ways that we need to explore and change, and require university students and network technology developers to work together to improve them. Join hands to help network education development technology, for more college students to create a more high-quality, convenient learning environment!

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