

Research on Improving College Students' Self-education Ability in the Age of Digital Intelligence

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Abstract

College students' self-education refers to the educational process of college students' self-cognition, self-learning, self-management, self-improvement and self-promotion on the basis of self-consciousness, based on the development needs of society and individuals, taking themselves as the educational object and self-development as the educational goal. With the advent of the age of digital intelligence, the trend of education digitization is accelerating, which brings many realistic difficulties to the development of college students' self-education. To improve the self-education ability of college students under the background of digital intelligence era, we must cultivate the self-education ability of college students, enhance the self-education power of college students, optimize the self-education environment of college students, so as to continuously enhance the self-education ability of college students.

Keywords

The Age of Digital Intelligence; College Students; Self-education.

1. Introduction

The famous Soviet educator Sukhomlinsky once believed that "education that can inspire students to educate themselves is the real education" [1] China's famous educator Ye Shengtao also has a famous saying: "Teaching is to achieve no need to teach." [2] It can be seen that students' self-education ability is cultivated, and students' self-management, self-discernment and self-learning abilities are emphasized. This is the highest realm and goal of education, and it is also an important task to promote the all-round development of college students, the continuous improvement of ideological and political education, and the steady improvement of national education level. The advent of the age of number intelligence provides a new development opportunity and realistic challenge for college students' self-education. How to solve these realistic difficulties and effectively improve the level of college students' self-education ability under the background of number intelligence age has become an important issue that needs to be solved in the ideological and political education work in colleges and universities.

2. Practical Significance

At present, artificial intelligence technology is setting off a new scientific and technological revolution, and mankind has officially entered the era of intelligent Internet. Young college students should base on the new background of The Times, demand themselves with new development standards, constantly strengthen self-education consciousness, enhance self-education ability, and realize the dialectical unity of personal value and social value in the social development. The continuous improvement of self-education ability will also have important practical significance for college students to establish correct and firm ideals and beliefs, build a diversified and open knowledge system, and shoulder the historical mission and responsibility of The Times.

2.1. Establish Correct and Firm Ideals and Beliefs

Chinese college students have a strong desire to realize their own value, they have the ability to distinguish right from wrong and the ideology of self-cultivation, and they have the characteristics of strong plasticity and energetic. In the course of China's revolution, construction and reform, our predecessors laid a good foundation for today's young generation. They have worked hard to unify their own interests with those of the Chinese nation and the Chinese people. This spiritual value has promoted the continuous development of the cause of socialism with Chinese characteristics. The correct establishment of the world outlook, life outlook, values is also an important content of college students' self-education. Through strengthening self-education, college students in the age of digital intelligence can consciously integrate the ego into the ego, combine their own learning goals with the grand goals of the country, unify their personal ideals with the ideal of the great rejuvenation of the Chinese nation, and establish lofty ideals and beliefs based on the national conditions and social development needs of our country in the new era.

2.2. Building a Diverse and Open Knowledge System

In the new era, socialist core values have been established as moral standards, which is not only the moral pursuit of the country and society, but also the self-education goal that college students should consciously pursue. College students should have the courage of self-struggle and the spirit of self-revolution. They need to face difficulties bravely and fight them with wisdom and resolve to fight their inner struggles. Through study and practice, they can improve their comprehensive quality, broaden the breadth of knowledge, enhance the breadth of ability, and enhance the connotation of life. Such efforts will help to achieve one's self-development goals. Compared with the traditional way of teaching and receiving knowledge, self-education is more flexible, which is easy for college students to self-manage and self-learn, and is not easy to be affected by teachers' teaching and other aspects. It is an effective manifestation and play of their consciousness and initiative. In the context of the intelligent era, the deep integration of digital intelligent technology provides college students with more diverse information channels, richer information resources, and more open and convenient information platforms and technologies for self-education, thus helping to build a more open and diversified knowledge system.

2.3. Shoulder the Historical Mission and Responsibility of The Times

In the course of reform and opening up over the past 40 years and more, the Chinese people have continuously strived toward the goal of achieving a better life and the great rejuvenation of the Chinese nation. We have made great progress and achievements, but more work is needed. The great rejuvenation of the Chinese nation is the Chinese dream of all the Chinese people, and it is also the Chinese dream of every young Chinese college student. As young college students in contemporary China, they are the future of national development and national rejuvenation, shoulder the historical mission of national prosperity and rejuvenation, and shoulder the responsibilities entrusted by The Times. They need to consciously unify self-realization with social realization, constantly draw development impetus and development opportunities from The Times, and promote the continuous improvement of self-education. Under the background of digital intelligence era, carrying out college students' self-education is the embodiment of conforming to the development trend of The Times and shouldering the historical mission and responsibility of The Times. Facing the trend of the development of science and technology, young college students must embrace The Times, adapt to the development of The Times, actively grasp the pulse of social progress and change, establish self-shaping and self-realization goals according to the characteristics of The Times, unify self-shaping and self-realization, and realize their own value in the process of promoting the great cause of socialism.^[3]

3. Realistic Dilemma

The development of the digital intelligence era not only provides college students with a more efficient and convenient network environment, but also brings many practical dilemmas, mainly reflected in the network environment of information overload and knowledge fragmentation, college students' weak self-education awareness, college students' lack of risk awareness and information literacy.

3.1. Information Overload and Knowledge Fragmentation

In today's era, with the rapid development of science and technology and the continuous improvement of Internet penetration, the Internet has gradually penetrated into the study, life and work of college students, and has produced a great impact. The network environment not only gives college students more convenient information dissemination channels and information acquisition methods, but also brings a lot of information and resources. In this information, there are not only rich and diversified scientific knowledge, but also a lot of entertainment and even harmful physical and mental health content. And how to screen and filter in the face of massive information, consciously accept the guidance of correct value content, resist the influence of bad or even harmful content, take its essence and remove its dross. This is a challenge for college students who are not yet mature in body and mind. If young college students do not have enough distinguishing ability and self-control ability, they will easily be misled and corrupted by various bad ideas in the information world of multicultural integration, lose their own future goals, lose their own judgment position, and shake their own ideals and beliefs, which will have an impact on the establishment of correct values. With the rapid growth of the amount of information transmitted through the network, the Internet has also come up with countermeasures to the problem of information overload, that is, to decompose a large amount of knowledge and information into small pieces for rapid transmission through the network, that is, information fragmentation. In the process of knowledge fragmentation, knowledge is no longer limited by space and time, and can be shared and received quickly. However, the Internet mode of knowledge transmission unilaterally pursues the convenience and efficiency of knowledge transmission, but destroys the order and coherence of traditional knowledge, and is not conducive to college students' learning of complete knowledge concepts, understanding of accurate knowledge core, and forming a comprehensive and systematic knowledge system, thus affecting their self-cognition and self-learning process.

3.2. College Students' Self-education Consciousness is Weak

Nowadays, there are still some conflicts between traditional education and college students' self-education. On the one hand, the educational concepts and methods of colleges and universities have not changed. Restricted by the traditional educational mode and system, colleges and universities still attach more importance to the teaching methods of traditional knowledge rather than the cultivation of lifelong learning ability, ignore the importance of college students' independent learning, and fail to give full or real play to the initiative and consciousness of college students in the teaching process. Teachers also fail to give correct guidance to college students' self-education in time, which results in the lack of orientation and enthusiasm of college students themselves. The arrangement of teaching objectives and teaching courses lacks the emphasis on the comprehensive development and self-growth of college students, and the heavy course assessment seriously squeezes the time and space for college students to carry out self-education. All these will not be conducive to the establishment of college students' self-education consciousness and the development of self-education. On the other hand, college students in the age of digital intelligence are good at using various channels to acquire knowledge quickly and efficiently. However, due to the lack of sufficient self-restraint

ability, they are easy to form bad habits in the network environment with different qualities, and produce hedonistic thoughts such as not thinking ahead, laziness, etc., thus gradually weakening the self-education consciousness and losing the direction of self-advancement.

3.3. Lack of Risk Awareness and Information Literacy

The virtuality, concealment and freedom of the network environment urgently require college students to improve their self-education ability. ^[4] In the age of digital intelligence, college students have active minds, strong curiosity and thirst for knowledge, and are accustomed to acquiring and sharing knowledge on the Internet. While unilaterally pursuing the convenience brought by the rapid development of science and technology, they ignore the potential risks. Faced with the temptation of a large number of bad or even harmful information in the Internet, college students with immature views and weak risk awareness and discrimination ability are easy to lose their correct value judgment and be misled by bad information, thus committing irrational behaviors such as violating network morality or even committing crimes, or indulging in the Internet all day long and being unable to extricate themselves in the network environment, which affects their normal study and life. In addition, the low access threshold of the Internet and the massive amount of unfiltered information will also have a negative impact on college students who lack information literacy. Their insufficient ability to identify and process network information will make them vulnerable to the influence of the network environment, unable to effectively deal with the interference of bad information, and gradually lose their own judgment and opinions, and their own value position will be shaken. Also can not control and adjust their own wrong behavior in time, resulting in serious consequences.

4. Path Selection

The age of digital intelligence provides opportunities for college students' self-education and development, but also challenges them. In this context, to improve college students' self-education, it is necessary to enhance their self-education skills, enhance their self-education motivation and optimize their self-education environment.

4.1. Strengthen the Self-education Ability of College Students in the Age of Digital Intelligence

4.1.1. Enhance Information Discrimination and Processing Skills

Various cultures blend in the network environment, which is full of a large number of good and bad information, including both positive and beneficial knowledge, but also contains a lot of unhealthy and negative information. In the face of these mixed and difficult to distinguish true and false information, college students must effectively improve their ability to distinguish information, establish correct value standards, make appropriate value judgments, and also have the corresponding information processing ability, that is, make appropriate behaviors according to value judgments. Having sufficient information discrimination is mainly reflected in the face of complex network information, and being able to consciously screen and screen false and harmful information from a relatively objective standpoint. Proper information processing ability is reflected in the ability to consciously resist harmful information after identifying it, and even handle or report bad information with the help of corresponding laws and regulations, so as to contribute to the construction of a good network environment. In addition, to treat high-quality network information, we should consciously accept its guidance, absorb its excellent components to constantly improve and strengthen our own value system, and recognize and support high-quality culture through practical activities, so as to promote the benign spread of high-quality culture in the network environment.

4.1.2. Improve Self-learning Ability and Self-Control Ability

In the digital intelligence era, college students' self-education in the final analysis should pay attention to their own independent learning ability, that is, with the help of Internet technology and platform, to acquire excellent knowledge, timely self-thinking, and lay a certain nutrient and foundation for self-growth. The rapid development of the Internet gives college students a lot of convenient technologies, so that they are no longer limited by time and space, and can consult various information efficiently, so as to expand the knowledge reserve and expand the knowledge horizon. At the same time, there is a lot of excellent knowledge in the amount of information on the Internet. College students make use of network resources and open courses for independent learning, so as to constantly improve their knowledge system and accept the influence and infection of excellent culture. All these provide good conditions for their independent learning, so young college students can make reasonable use of this advantage condition, through the way of independent learning, timely change the amount of information in the network into their own knowledge reserves, at the same time absorb and understand the beneficial knowledge core, nourish the spiritual world, so as to comprehensively improve their comprehensive literacy from inside to outside. In addition, faced with the induction of some pan-entertainment information in the Internet environment, college students must also cultivate firm self-restraint ability, consciously resist the temptation of bad information, firm their ideals, beliefs and value standards, and do not say or do improper remarks and behaviors that violate morality and law. Through the way of independent learning, constantly exercise their self-control, strive to form a "prudent" spiritual realm, and learn to constantly enhance the ability of self-education in the good habit of self-discipline.

4.2. Improve the Self-education Motivation of College Students in the Age of Digital Intelligence

4.2.1. Establish Correct Learning Concepts and Technical Concepts

College students should realize the importance of self-education and set clear learning goals and plans. Establishing the correct concept of lifelong learning will fundamentally promote the development of college students' self-education. Many college students are not interested in self-education, self-education consciousness is not strong from the fundamental point of view is not clear their own learning concept or set up the wrong concept of learning. Influenced by the background of The Times, some college students have the situation of utilitarian learning or short-term purpose learning, which is quite different from the fundamental purpose of self-education. The purpose of self-education is to promote lifelong learning, which is to make learning a habit and become a part of life. If college students understand its core meaning, they will not treat learning as a utilitarian learning in pursuit of practical benefits, but learn to experience and feel the fun and significance of learning from all aspects of life. College students' self-education is not a passive mechanical learning, but a learning process that absorbs rich knowledge from the society and integrates it into their own knowledge system and value system with a more active attitude, takes their own growth as the criterion of judgment and self-improvement as the goal, and finally continuously promotes the comprehensive self-development of college students. At the same time, college students in the Internet era need to establish correct technical concepts for self-education. In the era of rapid development of scientific and technological innovation, college students are the main audience group and loyal supporters of network technology. Their enthusiasm and appreciation for science and technology are conducive to promoting knowledge exchange and learning and the cultivation of innovative spirit to some extent, but excessive dependence on or even obsession with technology will not help them cultivate autonomy and the balanced and comprehensive development of abilities. Therefore, college students in the new era must correct the concept of technology, dialectically treat the positive and negative impacts brought by technological

innovation, make reasonable use of technological advantages to carry out self-education, reasonably control the negative aspects brought by technology, reduce the degree of dependence on technology, and strengthen the cultivation of independent learning ability.

4.2.2. Promote the Organic Combination of Traditional Education and Intelligent Technology

The self-education of college students in the age of digital intelligence is different from the self-education of college students in any previous era. The digital information characteristics of intelligent technology cannot be ignored. In order to promote the rapid development of self-education of college students in today's era, it is necessary to promote the innovative integration of traditional self-education methods and intelligent technologies, and give full play to the advantages of intelligent technologies such as the Internet. Make it become an effective promoter and inexhaustible power to promote the development of self-education. In the age of digital intelligence, the characteristics of physical and mental development of college students have changed greatly. In this case, self-education must meet the needs of contemporary college students, and use new educational methods and means to conduct self-education in combination with the educational content that college students are interested in. While focusing on online self-education, we should also pay attention to the importance of offline practical activities, form a combination of online and offline, make good use of the Internet as a carrier, formulate plans and goals to adapt to the direction of The Times, and promote the continuous improvement of self-education efficiency and the continuous enhancement of self-education intelligence.

4.3. Optimize the Self-education Environment of College Students in the Age of Digital Intelligence

4.3.1. Strengthen the Construction of Campus Network Culture

Strengthening the construction of campus network culture is conducive to creating a good education environment for college students to promote self-education, and has a subtle effect on college students to carry out self-education voluntarily. The construction of campus environment in the age of digital intelligence needs more emphasis on the construction of campus network environment and the construction of culture in campus network. Colleges and universities can make full use of the network platform and Internet technology to spread the excellent academic style and school culture to college students, so as to encourage them to accept the influence and infiltration of excellent culture, so as to correctly guide their values and norms of behavior. For example, official media such as campus public accounts and radio stations can be used to vigorously publicize the excellent quality and spiritual outlook of advanced campus models, and provide demonstration and guidance for young college students with the power of excellent examples. We can try to organize various influential, appealing and attractive campus activities on the campus network platform. We can also use the Internet platform to jointly organize various cultural activities, such as themed educational activities, academic activities, artistic activities and mental health activities, which fit the psychological characteristics of college students and meet the needs of college students, so as to trigger active discussion and participation of college students. Create a good campus network environment cultural atmosphere, in the excellent campus network environment for self-education and development.

4.3.2. Strengthen Supervision of the Network Environment

The self-education of college students in the age of digital intelligence cannot be carried out without the big environment of the Internet. However, the complexity, stealth and freedom of the Internet environment itself have formed a great obstacle to the improvement of college students' self-education ability, which not only requires college students to strengthen their

self-restraint and discernment, but also requires the supervision and management of the network supervision department. For the large amount of bad information in the network platform, relevant departments must constantly improve the network supervision law, strengthen the network law enforcement, conduct multi-level review and screening of harmful information, timely lock and control the spread of bad network information, eliminate the negative impact of bad network information on college students' self-education, and provide appropriate security guarantee for college students' personal network security. Protect the legitimate rights and interests of college students, and strive to build a clean, healthy and safe network environment for college students' self-education.

5. Summary

With the advent of the age of digital intelligence, the trend of education digitization and informatization is accelerating. It is of great practical significance to improve the self-education ability of college students. However, in the actual process of promotion, there are many difficulties that need to be urgently solved. Therefore, we need to start from three aspects of cultivating college students' self-education ability, enhancing their self-education motivation and optimizing their self-education environment, and take various concrete measures, such as cultivating students' self-learning ability, establishing correct learning concepts and technical concepts, and strengthening the construction of campus network culture. Therefore, in the form of internal and external combination, comprehensive factors from all aspects of the influence, comprehensively and efficiently improve the quality of college students, in order to better adapt to the needs of the development of The Times, to promote the future social development to make greater contributions.

References

- [1] B.A. Suhomlinsky. One hundred suggestions for teachers [M].Tianjin:Tianjin People's Publishing House, 1981:207.
- [2] Ye Shengtao: In order to achieve no need to teach [C].Ye Shengtao Collection: Volume 11 [M]. Nanjing: Jiangsu Education Press, 1991.
- [3] Chen Zhichao. The theoretical origin, practical Significance and path Choice of college students' Self-education in the New era [J]. Ideological Education Research,2020(07):156-159.
- [4] Zhang Jingbo. A Brief Discussion on the Cultivation of College Students' Self-Education Ability under the Network Environment [J]. Guide of Ideological and Theoretical Education,2017(12):139-141.