



Education in the Future: The Universal Life of Technology

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ABSTRACT

Future education is highly integrated with technology and highly open education. The rapid development of information technology urges education to embrace the change brought by technology enthusiastically. The alienation of thinking under technology package must not be ignored and guard against the tendency of “technology determinism”. Therefore, this paper interprets the irreplaceable life education from three angles: the reform trend, the basic pattern and the practice construction, and makes full use of technology to restore the meaning of life at the same time.

1. Introduction

With the rapid development of information technology, the future education will be a comprehensive penetration of technology education, technology seems to serve education, in fact, step by step erosion of people’s thinking, resulting in a crisis of technical thinking. The thinking of this problem is particularly urgent and important. Therefore, we should pay attention to the life benefit brought by the innovation of educational technology, let technology become the auxiliary means for people to realize the value of life, and always stick to the growth of life.

2. The Changing Trend of Future Education: Pointing to Student-Based

“The arrival of the information technology era has broken through the space-time boundaries of education, enriched the distribution and expression of resources, and made

the teaching environment move from digital to intelligent, which provides a wide range of space and time for individualized, adaptive and selective learning.”^[1] If you are bound by the traditional educational framework, it is not the challenge of technology application, but the challenge of education itself. Future education points to the future, but also reflects on and continues today’s education. Therefore, a reasonable analysis of the development trend of education in the future has important reference significance for the current education reform.

2.1 Future Education Will Break Through Space Constraints and Share Quality Educational Resources

The future classroom is not necessarily in the traditional classroom and other fixed, closed space, mobile phones, tablets and so on will become a learning tool, really do anytime, anywhere learning. “The future classroom must be a cloud classroom, including electronic textbooks,

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electronic desks, electronic schoolbags, electronic whiteboard... In terms of resources, from analog media to digital media, and then to network media, the resources are all in the education cloud, the content is extremely rich, so as to meet the personalized learning.”^[2] Future education will be close to life, nature and society, so that students in the rich, open world head forward, personal life experience. Relevant social knowledge and learning are better combined. With the promotion of educational informatization and relying on new technology, high-quality educational resources will be widely spread with the exchange and collision of culture, so as to realize the integration and sharing of high-quality resources. Therefore, education in the future society will be the education of all people, not only the responsibility of schools and education departments. In the future, everyone is the holder of resources, all children can enjoy quality educational resources. Therefore, education to more equal, open, intelligent direction of development.

2.2 Education in the Future Will Be Freed From the Constraints of Time and Pay More Attention to Lifelong Education

Future education will get rid of the shackles of the time axis, redistribute, and end the misunderstanding of time. After 60 years of age still learn to become a mainstream, truly achieve “never too old, never too old”, constantly enrich and improve themselves. “Given the foreseeable pace of change, we can speculate that knowledge is getting old and out of date, and what people think is right today will become wrong tomorrow,” U.S. futurist Toffler said in his book *The Impact of the Future*... Future college students must learn to get rid of outdated concepts... In short, they must learn to learn... Illiteracy in the future is no longer illiterate, but those who have not learned to learn.^[3] Learning means daring to criticize and think, to innovate in thinking, to find and solve problems, from childhood to the end of life. “Education for 2030, emphasizing the development of learning ability and lifelong education, is a more sustainable education.”^[4] The acquisition, creation and application of knowledge and ability become the cause of social collective efforts. Only lifelong learning can cultivate talents who are dedicated to society and realize the value of life.

2.3 Education in the Future Will Improve Teacher-Student Relationship and Initiate Dialogue on Teacher-Student Life

In the future, the wide application of information technology in the classroom does not mean that the status of

teachers is weakened, but more teachers and students need emotional communication and life dialogue. “Teachers and students in the process of free life dialogue, open to each other’s life spirit, mutual acceptance, unfettered interaction, so that students from the teacher’s single language control of the ideological cage completely liberated.”^[4] reconstructing the good dialogue relationship between teachers and students, we need to change the inherent concept of teachers. Teachers are no longer high leaders for students, but companions for students’ life growth. “The best educational technology is not one that defines human technology, but one that is open to the multiple possibilities of human life growth. It is one that presents life vitality in the application of technology and then realizes it in virtual classroom discussions. A technique that can still maintain the essence of a Socrates teaching method. In other words, it is a kind of educational technology with the essence of teacher-student dialogue and student-student dialogue.”^[5] Teaching is no longer the process of teachers’ one-way output of knowledge, but the process of teacher-student interaction, mutual learning and common progress. In the future classroom, the teacher’s educational concept is constantly innovated, the teacher’s life consciousness is promoted, the individual’s life dignity is more respected, and the equal life dialogue is carried out. The separation of teacher-student relationship in class field can be solved more effectively. This relaxed and harmonious teacher-student relationship is more conducive to arousing students’ interest and potential in learning and cultivating students’ innovative ability.

3. Basic Patterns of Future Education: Creating Appropriate Education

With the change of information technology and the arrival of knowledge economy, the focus of school education in the future changes from imparting students’ knowledge and skills to cultivating students’ all-round development and lifelong learning ability. “From the present point of view, the field of ‘educational technology’ has never been short of the creation and application of ‘methods’, which itself is born for ‘methods’, but what is missing is ‘methodology’, especially the reflection on the relevance of various emerging technologies and education, methods and people.”^[5] How to meet the needs of individual students for personality and lifelong development, society for innovative talents, education and teaching for professionalism and flexibility, is the future education to break through the development. Future education aims to create appropriate education for students, empower teachers and students, and make education serve people.

3.1 Higher-Order Thinking Of Students

For a long time, school education has stayed in the stage of “memory, understanding and application”, which gives students the ability to understand the world, but it is not enough to support students to have the ability to transform the world. Therefore, in future education, there will be not only teachers and students, but also machines. How to avoid students being manipulated by machines? Break the traditional thinking pattern and train students to construct knowledge and experience. “What should strengthen more is the human independent learning ability, stimulates the human to reflect on own limit, unceasingly enhances own ability value, enters’ the machine is strong, then the human is strong, then the machine is strong’ virtuous circle.”^[6] The deep integration of information technology and classroom requires students to quickly capture, obtain valuable information in massive data and accurately analyze the data for migration and application. Higher thinking is not obtained by teachers. The process of raising students from low-level thinking to high-level thinking is the process of teachers providing resource platform, students’ self-construction and gradual process. Shallow learning only focuses on the grasp of knowledge symbols, and its goal is to become a knowledgeable person. Deep learning pursues the unity of symbolic learning, logical form learning and intrinsic meaning learning, and its goal is to become a person with high knowledge, wisdom and spirit.”^[7] The education of low-level thinking trains students to become human beings, and the education of high-level thinking trains students to become perfect people and life-long learners.

3.2 Human Culture in the Curriculum System

“In the current process of primary and secondary school class construction, sometimes will inevitably be confused by the dazzling technical conditions, and lost the basic functions of sports people.”^[8] In the future technological state, the innovation and convenience brought by the wide application of information technology to the classroom to some extent obscure the importance of humanistic education, which makes people fall into the misunderstanding of only attaching importance to the practical value of science and technology and the rational value of tools. Therefore, in the future education, we should adhere to the concept of humanism education and optimize the curriculum system. But “the education of humanistic spirit is not the education of pure humanities, but the communication between natural subjects and humanities, especially the value of humanities education, which not only educates students to face up to the relationship between man and

society, nature, man and history and the world, but also teaches students to learn to treat science correctly while mastering science.”^[9] In the future, all kinds of technical means will bring fresh and good teaching experience to the classroom to a certain extent, and it is inevitable to cultivate students’ information technology literacy adapted to the development of the times. In the development of information technology literacy, humanistic literacy is also essential. “The category of humanistic literacy includes moral, aesthetic, philosophical, belief, emotion, attitude, values and so on. These are the key characteristics of human being, which is difficult for the intelligent body to set foot in.”^[10] The promotion of humanistic literacy is more conducive to self-rebuilding and upgrading in the future technological social environment. Therefore, we should pay attention to the educational value of humanities and change the situation that humanities are in a weak position.

3.3 Enrichment of Teachers’ Role

The wide application of artificial intelligence in the future can not weaken the status of teachers, emotional, creative work still needs teachers to complete.” Without the nurturing of emotion, without the care of human nature, it is impossible to cultivate real people by machines alone.”^[9] Therefore, teachers should be able to accurately grasp the needs of students’ life growth, give spiritual care and care, and let students receive “warm” education in the cold world in the future. This requires that the role of teachers will change, teaching scholars, leaders, companions and other roles intertwined. Teachers should not only perform the duty of educating people in subject teaching, but also take into account the work of educating people outside subject teaching, and guide students to care for and perfect life. The rich role of teachers also requires teachers to improve their own quality and ability. “In addition to the need to have the artificial intelligence era special needs of the ‘digital competence’ ‘information competence’ and so on, teachers’ teaching imagination, teaching creativity and so on will be placed in an increasingly prominent position.”^[11] Teachers need to actively renew knowledge, ideas and methods based on self-growth and self-rich needs, lifelong learning, continuous pursuit of progress, continuous improvement of self-requirements, influence students in a subtle way, and let the classroom radiate vitality.

4. Practice Construction of Future Education: Always Stick to the Logic of Life

The application of information technology in education has long gone beyond the role of auxiliary as an external

tool, gradually immersed in all aspects of education, so that technology from external tools step by step into the endogenous elements of education, promote the renewal of educational ideas, the reform of educational forms and contents, the deconstruction and reconstruction of educational system. No matter how change, unchanged is the essence of education, while mastering knowledge and technology, adhere to the healthy growth and development of life, technology serves the growth of individual life.

4.1 Respect for the Subjective Status of Life and Return to Life

“In a certain sense, education is to face human life, through human life, for the improvement of the quality of human life and social activities, is the people-oriented society most reflect the care of life a cause.”^[12] In life education, respect the main position of teachers and students. Teachers’ specialization has been continuously improved, and educational concepts have been constantly updated. On the one hand, the educatee can adapt to the development needs of modern society and avoid being controlled by machines; on the other hand, the educatee sublimates the spiritual world, recalls the metaphysical significance of education, and realizes the transcendence of life in the process of self-life construction. Ability to manipulate machines. Teachers should not only see the high efficiency brought by technology for students’ learning, but also see the life benefit brought by technology for students and cultivate students’ independent self-consciousness. Teachers can really enjoy educational life, students can really enjoy learning life. As Zhai Xiaoning, president of the secondary school affiliated to the Chinese people’s Congress, said: “In the Internet age, we should not only pay attention to the instrumental pursuit of education, but also pay attention to the overall and harmonious development of students, pay attention to spirit, faith, ideals and beliefs, cultivate students’ humanistic feelings of love and compassion, so that students have a kind heart.”^[16] Fundamentally speaking, the talents trained in the future education can actively and freely manipulate and control the machine, and transform it into an auxiliary means to promote self-education and self-life growth, and move towards “truth, goodness and beauty”.

4.2 Cultivate Students’ Belief in Life and Listen to Life

From the perspective of the future, the educational technology respected is the technology that leads students out of many difficulties and constantly stimulates their life potential. “The school is a life field, the school must have

the life texture.”^[13] The future school is a place full of vitality, which fully embodies students’ initiative and life growth while technology is widely used in the classroom. The emergence of technology will inevitably bring some alternatives. “The substitution of technology for human beings is, on the surface, the substitution of function, the substitution of senses, the substitution of experience and the substitution of occupation. In its depth, it is the logic of technology, the logic of machine, which replaces the logic of human and the logic of life.”^[14] In the future of information explosion, we should persist in giving play to the leading role of education and cultivate students’ belief in life. While teaching experience, teachers should also carry out faith education to make the educatee feel the value of life belief. We should not only let the educatee master knowledge and skills, but also guide their life and soul, develop their thinking and cultivate their moral character, and cultivate the courage and confidence that the educatee dare to challenge the unknown.

4.3 Pay Attention to the Emotional Exchange of Education and Care for Life

The future society is bound to be a society of man-machine coexistence, and the two-way relationship between teachers and students is transformed into a new triangular relationship between teachers and machines and students. How to make students stick to the bottom line of life in the face of the machine, the emotional communication between teachers and students plays an important role in balancing the relationship between the two. Teachers’ emotion is not only limited in teaching, but also in communication with students. To some extent, this kind of emotional communication affirms the Noumenon value of emotion and embodies humanistic concern. The world is changing, and school education will face changes in the future. To alleviate the danger of this rapid change to students is a task that the machine can not complete. “This kind of pacification work can only be completed by the head teacher who has the same emotional experience as the students.”^[15] Teachers have irreplaceable value, which needs to be highlighted by teachers’ personal ability to express, understand students, communicate with students and empathy. Teachers’ teaching and role model, the rendering of personality charm, the emotional exchange between teachers and students, and the sincere mutual help between students and students can not be replaced by cold machines. Teachers’ empathy ability urges teachers and students to feel the inner touch in the dialogue, so as to think and analyze problems at the height of life and put them into educational practice. While enjoying the convenience brought by technology, teachers and students can

realize the value of life and actively pursue the meaning of life.

5. Conclusion

In a word, the future education with the extensive application of information technology and the persistence of life can not only grant students the knowledge and skills of survival, but also lead students to adhere to themselves and realize the transcendence of life.

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