

The construction and function of high school career education electronic archives

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Abstract. The national education policy clearly points out that career planning guidance should be strengthened. This paper points out the necessity of constructing electronic files of high school career education from the three perspectives of national policy needs, teacher education and students' personal development, analyzes the characteristics of high school career education electronic files of development, multiple feedback and students' subjectivity, and proves that high school career education electronic files can help career education. Countries, schools and teachers can work together to jointly build high school career education electronic archives, students can according to different types of assessment tools, clearly laid high school three years of academic goals, giving full play to the advantages of its own expertise to realize the personalized development, high school education electronic files has positive significance to the development of students.

Keywords: High school; career education; electronic files.

1. Introduction

In September 2014, the State Council promulgated the ' Implementation Opinions on Deepening the Reform of the Examination and Enrollment System ', and various provinces in China launched a comprehensive reform of college entrance examination in batches. Subsequently, the Ministry of Education promulgated the ' Opinions on the Implementation of the Academic Proficiency Test for Ordinary High Schools ', which clearly states that high schools should strengthen the guidance of students' career planning [1]. China 's college entrance examination reform will enter a new historical period. High school is the key period for the development of life. People 's world outlook, outlook on life and values are formed in this period, but students at this stage lack specific goals and directions of life development. Under the background of the new college entrance examination reform, the construction of high school career education electronic archives can help teachers to carry out career planning education, complete the teaching tasks and objectives of career education, and improve students' decision-making and planning ability for their own development [2].

2. Electronic portfolio of career education Organization of the Text

Portfolio is regarded as a series of growth records at all stages of students' learning in the field of education, which reflects the progress, effort and learning results of students in a certain period. It is a collection record that can help students reflect on the learning of a certain period. With the development of computer and network communication technology, archives have undergone qualitative changes, and electronic archives gradually replace paper archives. After sorting out, it is found that domestic and foreign scholars mainly have two definitions of electronic archives. Chinese scholars Li Gahou and He Kekang believe that the electronic portfolio is used to collect and store students' learning process formed articles, photographs, homework, papers, survey reports[3-4]. Another view is that the electronic portfolio is regarded as a system platform, and various technologies are used to record the whole learning process of students. The process includes learning outcomes and various interactions and feedbacks in the learning process[5].

Based on the predecessors' understanding of electronic portfolio, combined with the function of electronic portfolio, the author thinks that high school career education electronic portfolio is a kind of high school personal goal information recording platform based on network technology, highly personalized and flexible, and it is an executable and quantifiable learning tool based on evaluation

and reflection. Facing the new college entrance examination reform, the establishment of high school career education electronic archives is an effective measure to strengthen the career planning education of high school students, and has positive significance to promote students' academic development.

3. The necessity of constructing electronic archives of high school career education

3.1 Analysis from the perspective of national policy needs

Different from the development level of career education in foreign countries, career education in China is common in the stage of higher education and is called career planning education. In order to promote the employment of graduates and improve the employment rate of schools, career education in China's basic education stage has been lacking attention. In 2014, the Ministry of Education issued a policy requiring high school students to strengthen career planning education. This means that the career planning education in high school has gradually been paid attention to, and the construction of electronic archives of high school career education coincides with the national education policy.

3.2 Analysis from the perspective of teacher education

The continuous promotion of career education is an indispensable part of basic education reform. The electronic archives of high school career education are the help to promote school career education. In addition to the establishment of career counseling studios, the establishment of career education courses, the preparation of school-based reading books in line with the development of students' characteristics, and the development of career knowledge lectures and community activities, schools should also establish personal career education electronic archives for students, and incorporate career education electronic archives into students' growth archives as a supplement and improvement of students' growth archives. Traditional student growth files generally include students' academic achievements, learning works and teacher evaluation, and are organized by teachers to form files, students' participation is not high. The electronic archives of senior high school career education can include students' psychological tests, self-awareness, hobbies, academic performance analysis, ideal universities, favorite occupations, etc. This can not only help teachers to see all aspects of students' performance, truly understand and understand students' inner needs while carrying out career education, but also effectively improve students' growth archives, so that teachers can help students fully understand themselves, plan the future, and develop themselves. Under the management of phased and procedural academic goals, teachers can promote students' autonomous planning and development more comprehensively and individually.

3.3 Analysis of students' personal development

Arousing self-consciousness is the premise of establishing electronic archives of high school career education[6]. Students' self-consciousness directly dominates their learning action ability. Only with clear self-consciousness can they have certain subjective initiative and control their own actions actively and consciously. The establishment of electronic archives of high school career education is conducive to students' clear learning objectives, clear academic planning at all stages, and goal-oriented awakening of students' development consciousness.

The electronic career education archives based on academic goal management are also conducive to the cultivation of students' self-confidence. Students use high school career education archives to formulate different stages of academic goals, wake up the consciousness of self-motivated development, and complete their own different academic goals after action, which can help students strengthen self-discovery, create opportunities to transcend themselves, and harvest the joy of success in emotion, thereby enhancing self-confidence and realizing the effect of their positive development.

On the contrary, if the predetermined academic goals are not achieved, they can also be used as the basis for students' self-reflection and enhance their self-reflection ability. Students' self-reflection ability is a form of learning initiative, which can help students realize the advantages and disadvantages in the process of pursuing their own development, constantly improve themselves, pursue perfection, and then stimulate students' long-term development of action ability.

4. Characteristics of electronic archives for career education in high schools

4.1 Development characteristics

Career education does not specifically refer to a certain stage. Career education is a continuous and coherent dynamic process, and it is the synthesis of different positions of orderly development in human life. Benjamin Franklin, a famous American sociologist, once said: 'Without sustained growth and development, improvement, achievement and success become meaningless. The electronic archives of senior high school career education are the reference basis for dynamically reflecting students' development. In senior high school, students constantly adjust their academic goals and plans according to their own characteristics and personal academic progress. Therefore, high school career education electronic archives focus on students' learning dynamics, pay attention to all aspects of students' development, in order to form the self-driving force of students' lifelong learning.

4.2 Multivariate and Feedback Characteristics

The content of high school career education electronic archives can include students' self-awareness, interest and hobbies, academic performance analysis, psychological testing, ideal universities, and favorite occupations. It is a tool for comprehensive recording, multiple evaluation, and learning reflection guided by academic goals. The electronic archives of high school career education can retain important information in the development of learning for students, draw a multifaceted, dynamic and complete development map for students, comprehensively and systematically record these processes, and use multiple evaluations of teachers, learning peers and students themselves to mark each student's growth experience and improve the feedback of learning objectives.

4.3 Student-centered principle

In the traditional student growth record file, only teachers or teaching record personnel participate in the record, and students are not involved. The main participants in the electronic archives of career education in high school are students. Students' interests, psychological tests and learning objectives at different stages are planned by students themselves, which fully mobilize the enthusiasm and initiative of students' career planning, and truly highlight the potential advantages of personalized and flexible career education electronic archives.

5. The design points of high school career education electronic archives

5.1 Arousing students' self-cognitive awareness by means of different types of assessment tools

Usually, students' understanding of self is subjective, with subjective factors, and can not comprehensively and objectively analyze themselves, so as to comprehensively explore their personality, interest, value and skills. To awaken students' self-development consciousness, we can use different types of objective self-assessment tools to comprehensively understand themselves. The specific strategy is to introduce different types of self-assessment tools into the electronic archives of high school career education. Students can use tools to achieve self-assessment. The electronic archives of high school career education collect and summarize the evaluation results, and give authoritative specific evaluation results, so as to awaken students' self-awareness.

5.2 Making clear the three-year academic goals of high school and gradually refining the implementation strategy

The formulation of academic goals is the first step to start the action. Students have expectations for themselves, and their inner expectations will directly interfere with the action. Students need to clarify the academic goals at different stages of high school under the guidance of teachers. Driven by self-efficacy, they can achieve the expected goal results with the help of personal interest, academic goals and initiative. The electronic file of high school career education is not only the supplement and perfection of students' growth record file, but also the effective record of students' high school academic planning. In addition to the academic goals of each stage, it also needs to have other classifications and quantifications, such as self-planning scale, growth tree diagram, academic goal realization efficiency progress bar and so on. These constitute the electronic file bag of career education. And teachers should make periodic records at different stages in order to better present the dynamic, development process and results.

5.3 The opening of career education courses is the guarantee for the establishment of electronic archives of career education in high schools

The establishment of career education courses is inseparable from the government, schools and teachers' team. The government should provide enough financial support for the establishment of career education courses in schools, schools should set up school-based courses according to the characteristics of school teaching, set up a team of career education instructors for different disciplines, teachers should improve the skills of teachers in career education, comprehensively strengthen career education, and serve as academic career mentors for students' development. It provides help for the construction of electronic archives of high school career education in many ways, tracks students' performance in many ways, and records students' development trends in the archives in a timely manner.

6. Summary

Under the background of the new college entrance examination, the construction of high school career education electronic archives can make personalized and continuous dynamic records of students' development, which plays a positive role in strengthening career education and improving students' self-development consciousness. Do a good job of career education electronic archives in high school, and promote the management of students' academic goals. In the future, it can effectively dock with the employment-oriented college students' information archives, promote the healthy growth of students, and help the national college entrance examination reform policy of scientific selection of talents.

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