

# The Important Role the Student Portfolio in the Development of Students' Intellectual Skills

*Saidov Mansurjon Inomjonovich<sup>1</sup>, Ro'zimatova maxpuza Xolmuxammedovna<sup>2</sup>*

**Abstract:** In this article, motivation, cognition and metacognition are important aspects of the student portfolio in the development of students' intellectual abilities. v components are lit. At the time of current development, every country is obliged to strengthen its future and think about its tomorrow. To educate the young generation in our country, to support them in every way, to keep talented and capable young people active. A lot of opportunities have been created for i and the conditions are sufficient for everyone.

**Keywords:** intellectual, ability, cognitive, metacognitive, portfolio.

## Introduction

Extensive work is being carried out to reform the continuous education system of our country, which is on the path of independent development, to introduce information technologies, and to increase the effectiveness of education. In modern conditions, innovative tools are used to organize the educational process and control the educational activities of students. At the same time, student portfolio is one of such tools for developing students' intellectual abilities.

Appendix 1 of the Decree of the Cabinet of Ministers of the Republic of Uzbekistan No. 824 of December 31, 2020 "On measures to improve the system related to the organization of the educational process in higher education institutions" Chapter 6 "Evaluation, conversion of grades" of the Regulation "On the procedure for introducing the credit-module system into the educational process in educational institutions" in paragraph 31 "Evaluation methods" It includes such types as written, oral, practical work, projects, portfolios and controls that reflect and confirm your achievements. covers It is noted that the criterion of evaluation reflects the achievement of educational results. In order to ensure the implementation of this decision, a number of activities are being carried out in the higher education institutions of our Republic. Having a student portfolio as part of the assessment methods is of great importance in today's advanced information technology era. Creation of a student portfolio and its effective use is an urgent and problematic issue today.

## Literature Review.

The idea of using the portfolio in the field of education appeared in the USA in the mid-80s. After the USA and Canada, the portfolio idea became popular in Europe and Japan, and at the beginning of the 21st century, this idea spread widely in Russia, and now this idea is also spreading widely in Uzbekistan.

Portfolio (ingl. - Portfolio, folder for necessary work and documents. French - to state, express, transport. Italian - folder with documents) - these are documents, work samples, photos, materials that allow you to imagine the opportunities offered, consists of a set of specialist services.

Development and self-development always involve some internal laws, some self-movement, self-transformation of an object, a system, a person's self, the inner world of a certain self. refers to building. This process is irreversible, as a result of which there are quantitative and qualitative changes in intellectual, personal and activity characteristics. They are connected and interdependent.

<sup>1,2</sup> Teacher of Fergana branch of Tashkent University of Information Technologies



Personnel training has a special place as the basis of development. Orientation of the development process is carried out by influencing the mental development of the student, managing his cognitive activity, developing it and having targeted influence.

Determining the abilities of students through pedagogical activities is one of the important tasks of every pedagogue, because during the course of the lesson, the pedagogue can find out the interests and abilities of the student depending on the assimilation of the information given by the pedagogue.

Ability is the individual potential and capabilities of a person. Ability is sharply different from knowledge, knowledge is the result of reading, ability is a characteristic of the psychological and physiological structure of a person. Ability is different from skill, qualification.

### **Methods.**

In most scientific sources, skill is defined as ability. Ability improves in the process of acquisition of skills and competencies by a person. Therefore, students with high abilities will separate themselves. Students who are unable to show their talents in social relations should create conditions for them to show their abilities and provide multi-faceted support. From this point of view, the student's portfolio serves as a convenient platform for showing the student's abilities and talents.

Intellectual development of students includes not only the development of cognitive mechanisms of information processing, but also the formation of metacognitive mechanisms of intellectual self-control.

The whole 20th century and the present century require us to move to a person-oriented education. Based on it, spiritual, communicative and cognitive (creative, critical, systematic and non-standard thinking, broad outlook, emotional perception, ability to work with a large and changing database, etc.) qualities of a person in a constantly changing environment development lies.

As one of the innovative technologies for monitoring and evaluating all types of activities of the student at the higher educational institution, "Student portfolio" occupies a leading position. In recent years, this technology has been widely used in the higher education system of developed Western countries. In Russia, since 2003, it has been introduced at all levels of the education system, including primary education, general secondary education, professional education and higher education.

Currently, higher education institutions often do not encourage students to self-assess, and meaningful organization of learning and assessment is considered a problematic issue. One way to solve this problem is to use electronic portfolio (EP) to support students' self-regulated learning process, improve creativity and other creative skills.

Self-management refers to a set of behaviors used to manage, monitor, and evaluate one's own learning success. Self-regulated students are metacognitive, motivational, and behaviorally active participants in their learning process and thus achieve academic success.

### **Results and Discussions.**

The three cyclical stages of self-regulation include metacognitive and motivational components that provide the foundation for sustained learning and skill development.

- The forethought stage includes task analysis (goal setting and strategic planning) and self-motivation (self-control, outcome expectations, intrinsic interest and goal orientation). Tasks related to the forethought phase include: setting outcome goals, setting process goals, documenting goal values, planning strategies, and establishing a learning log.
- The next stage, the performance stage, involves self-control (self-control, imagery, focus, and task strategy) and self-monitoring (self-recording and self-z-self-test) includes. Tasks in the work phase are: creation of the work and entries in the study log.
- Finally, the self-reflection stage includes self-evaluation (self-evaluation and contingent attribution) and self-reaction (self-satisfaction, affect, and adaptive defense reactions). The tasks of



the self-reflection stage include: reflecting on the work, reflecting on the process, and becoming aware of the possibilities of new goals.

Cognitive component is a collection of knowledge in the process of personal and professional development. Cognitive component - cognitive competence or intellectual skills and, first of all, the ability to work with information, search, receive and process information; the ability to present data in the form of diagrams, tables; ability to interpret information; ability to provide information; to have methods of structuring it, transferring it from one form of presentation to another, transferring information from one method of coding to another, distinguishing between primary and secondary concepts, determining important features of concepts, the relationship between concepts and distinguishing relationships, constructing cognitive schemas. Mental activity, problem solving algorithms, the obtained solution explanatory skills; the ability to write lectures, abstracts; generalization, conclusions output, the ability to analyze the obtained results.

The metacognitive component is represented by self-organization and self-management skills and abilities. Goal setting stimulates the student's cognitive activity. In this case, the "impulse" goes directly from the motive to the goal, where the student independently establishes the content of his goals, distinguishing between the main and intermediate goals. Planning plays an important role in this.

### **Conclusion.**

The set plan is forced to be implemented and causes a chain of actions in the mind that leads to the successful achievement of the goal.

Today, the educational portfolio, which is a widely used control tool in the experience of foreign countries, is of practical importance due to the following possibilities:

- assessment of multi-functionality and personal success;
- monitoring of individual achievements;
- organizing the exam;
- impartial determination of educational results;
- being able to clearly see educational achievements and additional results;
- to be able to see the student's existing opportunities and abilities, his strengths and weaknesses, to adequately assess his personal, professional and creative potential.

The formation of portfolios by students is effective in the following cases:

1. Getting a promising job (leadership and colleagues will have the opportunity to get to know the young specialist).
2. In carrying out scientific research works (ensures the possibility of patenting research results).
3. Participating in Science Olympiads (it is possible to evaluate and challenge the student's capabilities at different stages of the Olympiad).
4. When applying for a prestigious and presidential scholarship (the selection committee will be fully aware of the student's capabilities).
5. In the implementation of personal goals (engaging in an additional type of activity creates an opportunity for partners to get to know the student's personality).

An important condition for the economic, political and spiritual development of our country and its place among the developed countries of the world by applying metacognitive methods in the educational system, introducing the improved model of students' knowledge using electronic portfolios into practice consists of.

In conclusion, based on the given data, the results of the analysis showed that the first criterion for the development of intellectual abilities of students is the thinking motive, the second criterion is the



formation of cognitive abilities, the third criterion is the formation of metacognitive skills, and as an important practical factor for the development of the intellectual abilities of the student portfolio can be seen.

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