



Preparing Future Computer Science Teachers to Work with Gifted Students. Computer-Based Implementation Technology

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Abstract: *As our society develops, one of the most important tasks is to bring up young people in accordance with modern requirements. In particular, strengthening the work with gifted students is a key task in developing their talents, and training future computer science teachers.*

Key words: *computer science, implementation technology, Computer-based implementation, aspects of creativity.*

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Talent is the ability to express a person's creative nature and mental activity. In this sense, the term means "to be able to", "to be able to do". Students' talents are reflected in a variety of activities, including science, art, technology, and sports. Talented students are:

First, to have a unique and rare trait, ability and qualities, to feel the need to develop it properly;

Second, it is distinguished by its aspects of creativity, curiosity, and aspiration;

Third is the training to take on the attitude of success and achievement while undergoing emotional states. In short, gifted students "seek to know the world in which they live, to understand reality as a whole, to change it for the better." This means that in the process of higher pedagogical education, one of the most important issues is to prepare talented students to become future computer science teachers.

The training of future computer science teachers to work with gifted students should be based on:

- To teach students the basics of working with gifted students and equip them with methodological factors in computer science.
- Development of students' ability to work with gifted students;
- Equip students with the technologies, methods and tools to work with gifted students.

There are possibilities to do this, and the basics are as follows;

- There are professional professors and teachers in the higher pedagogical educational institution;
- the desire of students to acquire knowledge and master the secrets of the teaching profession;
- The higher pedagogical educational institution has strong and modern educational equipment.

In addition, a certain number of students have the ability to quickly master any technique and technology.

There are many modern pedagogical and information technologies available today to prepare future computer science and other teachers to work with gifted students.

Computer technology is the process of collecting, collecting, describing, and teaching specific information using computer training equipment. Computer technology is purposefully shaped by the teacher and used in the classroom, in special elective and voluntary courses. It is advisable to produce this technology based on the principles of convenience, ease and affordability. For example, consider the following options formulated by us based on the views expressed in pedagogical research;

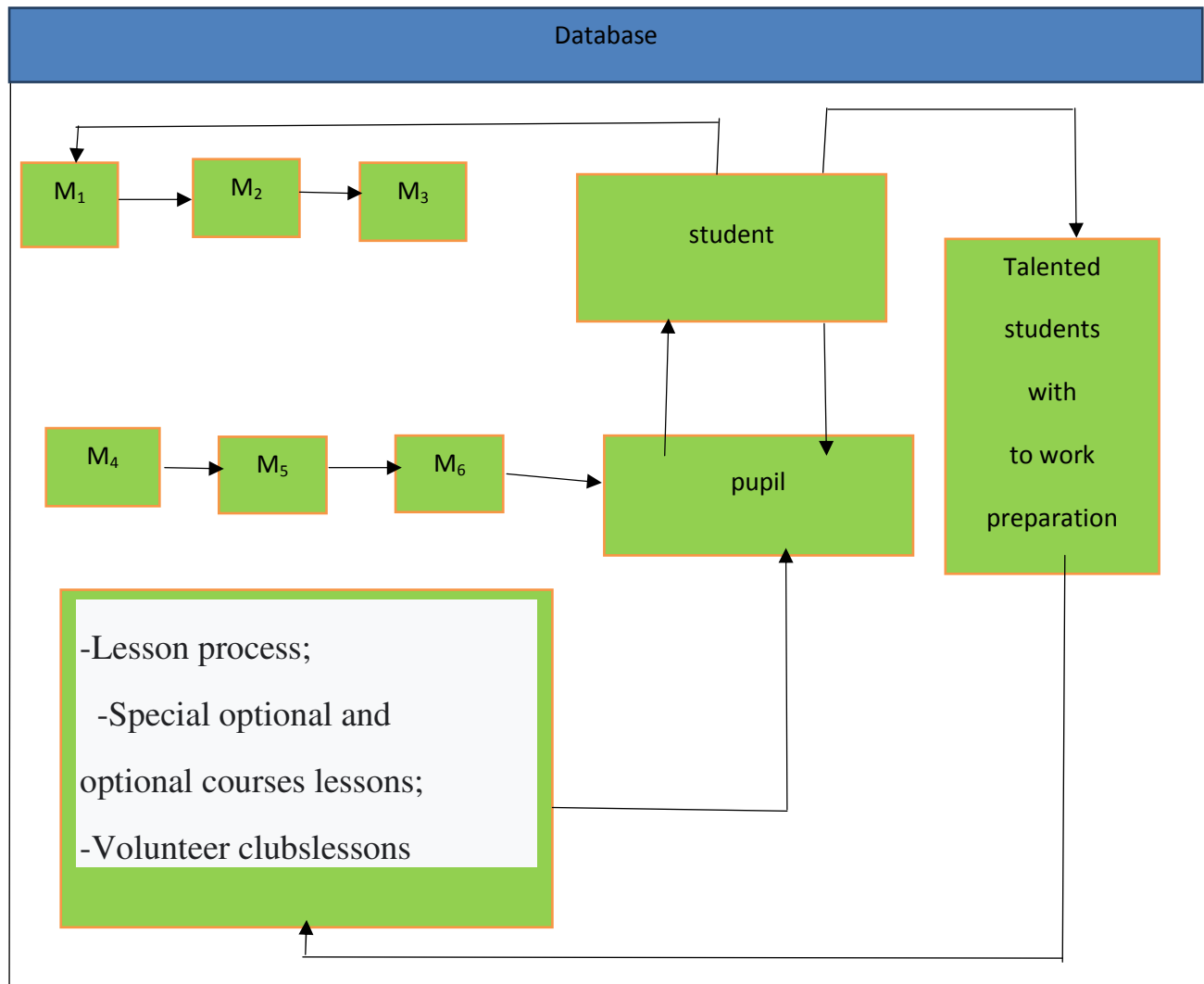


Table 1.1

Organizational structure of the database "Talent". We named this database "Talent" and its structure is as follows:

M1-Knowledge of the basics of working with gifted students.

M2 - a set of methods and tools for working with gifted students.

M3-scientific, methodological, methodological and
an electronic set of textbooks.

A list of required literature that provides information and advice on how to work with M4-gifted students.

M5 is a set of advanced pedagogical practices for working with gifted students.

M6 is a set of test questions to test your ability to work with gifted students.

This database was developed by the teacher on the basis of special software on computers. It is advisable to rely on the following sources to develop it.

On March 19, under the chairmanship of the President of the Republic of Uzbekistan ShavkatMirziyoyev , held a video conference on women's employment.

Thirty percent of the country's population is between 14 and 30 years old. There are wide conditions for their education and professional development. At the same time, it is important to organize meaningful leisure time for young people. The more spiritually mature young people are, the stronger their immunity to various vices will be.

It is known that the head of our state put forward 5 important initiatives to organize the work in the social, spiritual and educational spheres on the basis of the new system.

The first initiative aims to increase the interest and talent of young people in music, painting, literature, theater and other arts.

The second initiative is aimed at creating the necessary conditions for young people to exercise and show their abilities in sports.

The third initiative is aimed at promoting the effective use of computer technology and the Internet among the population and youth.

The fourth initiative is aimed at raising the morale of young people and organizing systematic work to promote reading among them.

The fifth initiative addresses the issue of women's employment.

- Information contained in the Constitution, national laws and regulations;
- Information and facts on the new education law and other programs;
- National Encyclopedia of Uzbekistan;
- Scientific, pedagogical and methodological literature that provides knowledge, skills and competencies in the basics of working with gifted students;
- manuals with spiritual and pedagogical heritage and advanced pedagogical experience;

These resources provide an important foundation for preparing future computer science teachers to work with gifted students. All a teacher needs to do is spend some time researching and developing methods to shape it.

There are reasons to use the computer technology database provided by us. The most important of these principles are:

First, the country is connected to the only educational portal ZioNet;

Second, professors and students know how to use computer hardware as expected;
and third, the growing culture of information technology use by faculty and students.

Demonstrate new software tools to prepare future computer science teachers to work with gifted students in the process of higher pedagogical education and ways to take advantage of opportunities for their effective use.

Observations and analysis show that the basis of such tasks are:

- teach students to search, find and collect the necessary information and data;
- to provide students with the necessary knowledge to select, sort and analyze the authenticity of the required information and data;
- Advancing the culture of appropriate use of information and data of students.

Thus, there is a need to create an optimal computer technology to prepare future teachers to work with gifted students.

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