
Introduction of Elective Subjects in 4 Areas for High School Students

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Abstract: In the article, as an experiment, in the 2023-2024 academic year, "pre-school and school about the organization of educational processes based on the ability and choice of high school students in general education schools. The order of the Ministry of Education and the results of changes during the academic year were discussed.

Key words: Experience-trial, selection, BSB, CHSB, scope, priority, social-humanitarian, commission, appeal.

Due to the reforms carried out in our country, drastic changes are taking place in all areas, as well as in the education system. Establishing an excellent education system based on the latest achievements of science, technology and technology in Uzbekistan is of urgent importance. As you know, in the 2023-2024 academic year, the Ministry of Pre-school and School Education of the Republic of Uzbekistan, "It is correct to conduct a trial-testing of the organization of educational processes based on the ability and choice of upper class students in general education schools." We started the process based on the order.

This procedure: use modern approaches and advanced foreign experiences in the organization of the educational process in general education schools, provide education taking into account the interests of students, expand the specialization of high school students in subjects and send them to higher educational institutions. determines the creation of ample opportunities for education. Experimental work was carried out in the 10th grades of experimental schools selected from each region starting from the 2023-2024 academic year. In this case, the number of students in the selection class should be in accordance with the "Regulation on General Secondary Education" approved by the decision of the Cabinet of Ministers of the Republic of Uzbekistan dated March 15, 2017 No. 140, The interest and ability of the students and the presence of highly qualified and experienced teachers were taken into account when organizing the selection class in the secondary school. If, according to the results of the survey in the relevant direction, the students did not show interest, the class in which the elective subject was introduced was not organized. The following directions were recommended for the organization of a class in which elective subjects will be introduced in a general secondary school:

mathematics - physics direction;

chemistry - biology;

mother tongue - foreign language major;

mathematics - foreign language.

Starting from the next academic year, it was envisaged to create opportunities for high school students to enter higher educational institutions and to open new directions (social-humanities, applied sciences, etc.) depending on their interests. In the class where the elective subject is introduced, the educational process was organized on the basis of a separate curriculum according to the relevant direction. This curriculum consists of 2 parts (compulsory subjects and optional

subjects). The direction of the class in which elective subjects will be introduced was determined by conducting a survey among 10th grade students. Parents and their children also took part in the decision-making of a survey among students. In this case, one student chose only one direction. A selection committee was formed at the school to conduct a survey among students and summarize the results. The selection commission included the deputy director for educational affairs, a psychologist, the current head of the class, the head of the science and method association and the chairman of the parents' committee [1]

The result of the survey is analyzed and the prepared information is presented to the school director. If the number of students who want to study in the class where the relevant elective subject is introduced as a result of the survey exceeds 35, the students will be enrolled in the relevant subject organized by the school. was accepted based on the test results. If a test is organized at the school, a working group (consisting of 3-5 people) will be formed under the leadership of the deputy director for educational affairs, and the working group will prepare control materials from the selected subjects, ensuring their confidentiality. control work was taken from the students. An appeal commission consisting of the director or experienced science teachers and psychologists was formed in the school, and the appeal commission performed its activities on the basis of current regulations. The student who failed the test continued his studies in the traditional class. The following 11 compulsory subjects were taught in the class where the elective subject was introduced: Mother tongue and literature, foreign language, Russian language, history, education, mathematics, chemistry, biology, physics, physical education, primary preparation up to convocation. It is allowed to teach the following compulsory and optional subjects in the selection class in two groups: foreign language, Russian language of instruction when there are enough qualified teachers and the number of students is 25 or more. in non-language general education institutions, "Russian language", pre-convocation, and physical education subjects are taught in two groups. Subjects related to the direction chosen by students are elective subjects. Elective subjects are taught along with compulsory subjects in the class where elective subjects are introduced. In addition to textbooks, additional literature and resources can be used for in-depth teaching of elective subjects. In the class where elective subjects are introduced, the lesson hours of elective subjects are taught with an increase in exchange for the reduction of some general subjects. Annual (final) grades of all subjects taught in the 11th grade according to the curriculum are based on class journals (kundalik.com). grades are copied from the 9th grade certificate of basic secondary education. Grades are not given for the subjects "Fundamentals of Entrepreneurship" and "Astronomy", which were not passed in the class where the elective subject was introduced. "Geography", Competencies that should be formed within the framework of the "Fundamentals of State and Law", "Informatics and Information Technologies" disciplines were developed in related disciplines and science circles. In the classes where elective subjects are introduced, 11th grade graduates can take the state exam within the existing taught subjects.

Curriculum of classes in which elective subjects are introduced in secondary schools - Mathematics and physics

"Mathematics" and "Physics" are optional subjects in the elective class in mathematics and physics.

Compulsory subjects in elective classes are as follows:

"Mother language and literature" subject 3 hours a week

"Mother language" 1 hour and "Literature" 2 hours;

"Russian language" subject 1 hour per week;

"Foreign language" subject 3 hours a week;

The weekly study hours allocated for the subject "History" are divided as follows: "History of Uzbekistan" subject 1.5 hours per week,

"World History" 0.5 hours;

"Education" subject 1 hour per week;

Hours allocated to "Mathematics" are distributed as follows: "Algebra" 3 hours, "Geometry" 2 hours;

"Physics" subject 1 hour per week;

"Chemistry" 1 hour per week;

"Biology" subject 1 hour per week;

1 hour per week of the subject "Preliminary training before the draft";

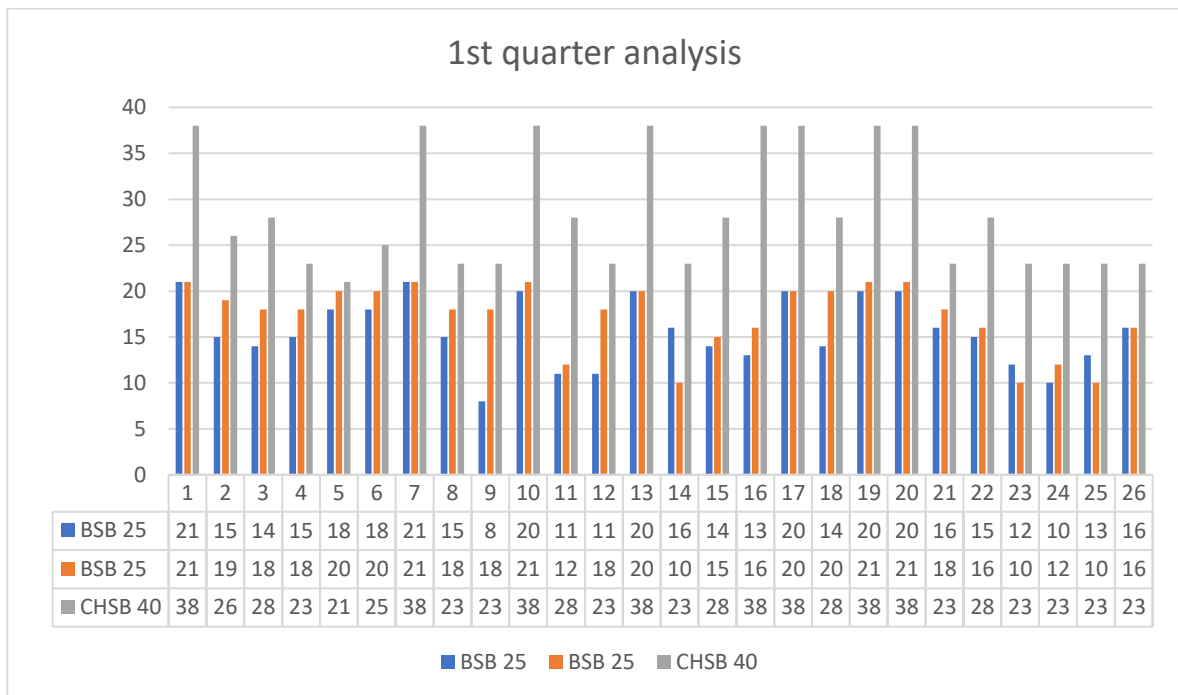
"Physical education" is taught for 1 hour per week.

Elective subjects are as follows: hours allocated to the subject "Mathematics" are distributed as follows: "Algebra" subject 3 hours, "Geometry" subject 2 hours;

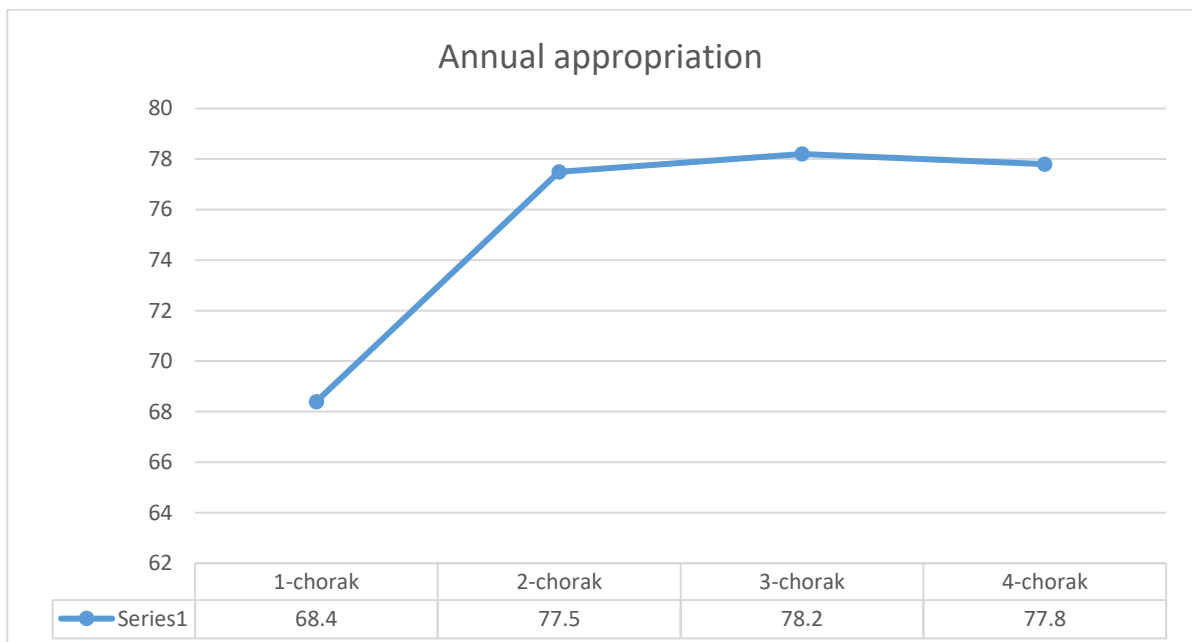
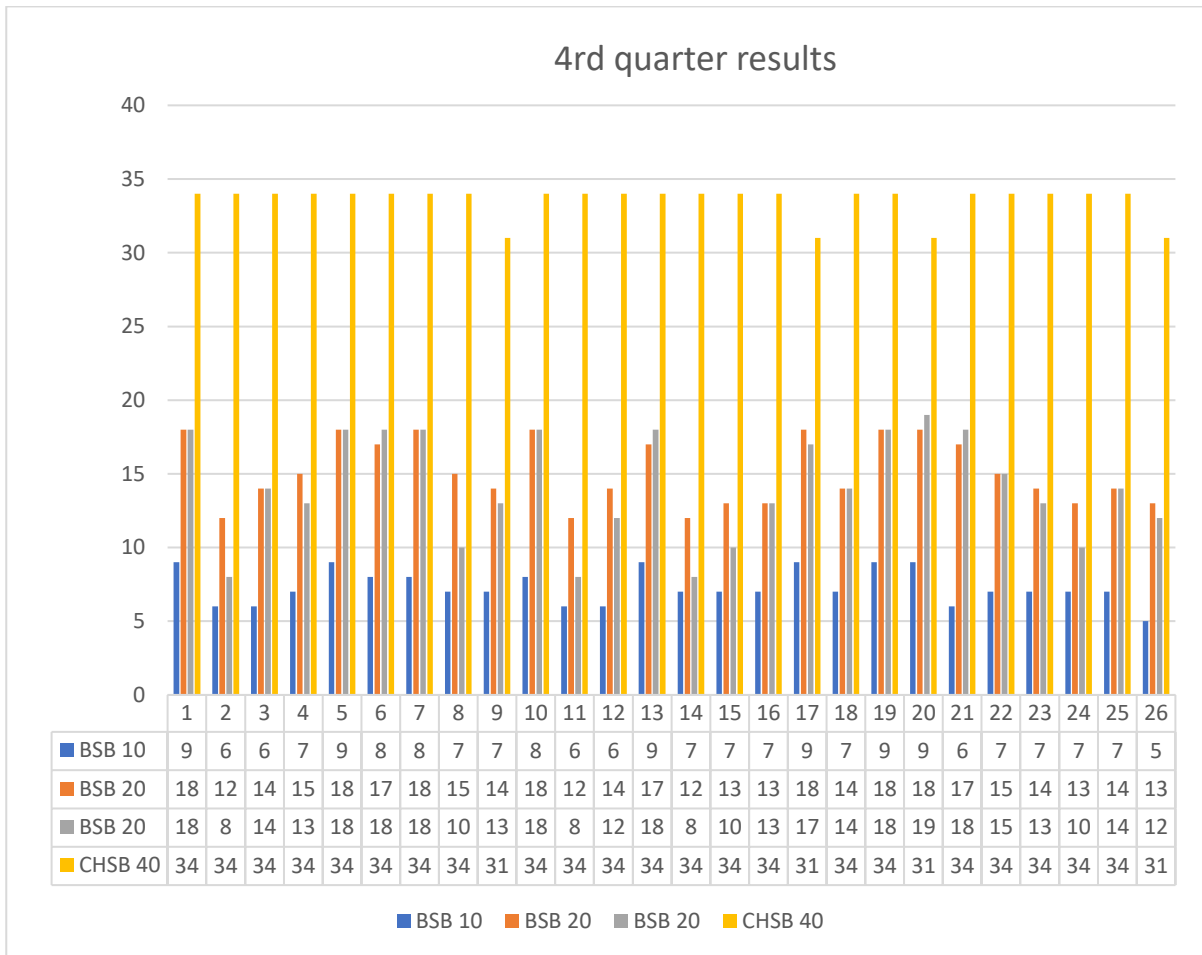
Physics is taught 4 hours a week.

Trials on the organization of educational processes based on the abilities and choices of high-class students were held in 124 schools across the Republic and in 9 schools in the Bukhara region. . For example, in the 14th general secondary school of Bukhara, Bukhara region, the competitive class in the field of physics and mathematics was opened on the basis of questionnaires.

Results of the Physics-Mathematics selection class in the 1st quarter



Results of the selection class in Physics and mathematics in the 4th quarter



As can be seen from the diagram, in the 2023-2024 academic year, the Ministry of Pre-school and School Education of the Republic of Uzbekistan will conduct a trial-testing of the organization of educational processes based on the ability and choice of high school students in general education schools. The command "about" was effective. The processes conducted in the selection class, a more in-depth study of physical and mathematical sciences led to the further increase of students' abilities.[2]

In the 2024-2025 academic year, the order of the Minister of preschool and school education of the Republic of Uzbekistan "On in-depth teaching of subjects and modern professions according to the interest and abilities of students of general secondary educational institutions" was approved.[3] Based on the above results, we can say that these changes will bear fruit, and we will use all our skills for this.

References

1. The order of the Ministry of Pre-school and School Education of the Republic of Uzbekistan "On pilot-testing the organization of educational processes based on the ability and choice of high school students in general education schools" Tashkent Sh., June 27, 2023 No. 192 [1]
2. On the in-depth teaching of subjects and modern professions according to the interest and ability of upper-class students of general secondary educational institutions [2]
3. Decree No. PF-79 dated May 26, 2023 of the President of the Republic of Uzbekistan "On measures to effectively organize the activities of the Ministry of Preschool and School Education and organizations within its system".[3]