ASSESSMENT FOR STUDENTS 21 st CENTURY SKILLS

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ABSTRACT

The development of society, reforms in the field of education in our country require highly educated and knowledgeable candidates in accordance with the world standard. This article describes the solution of the problems in the fields of physics and the problem of prospects for improvement.

Key words: Elective subject, formative assessment, summative assessment.

21st century in the minds and hearts of students in the process of building a free, prosperous and powerful New Uzbekistan formation of century skills. The “Uzbekistan-2030” strategy also shows the implementation of this urgent task.

It is known that one of the most important tasks in the education system is to raise the quality and content of education to a new level, to educate spiritually mature, morally pure, rich in personal and professional qualities, independent thinking, initiative and active young people.

Organization of educational processes based on the ability and choice of students, widening the specialization of high school students in subjects, creating wide opportunities for directing them to higher educational institutions, and "Effectively organizing the activities of the Ministry of Preschool and School Education and organizations within its system on the measures to achieve" Order of the Minister of Preschool and School Education of the Republic of Uzbekistan dated June 27, 2023 No. 192 in order to ensure the implementation of the tasks specified in Decree No. PF-79 dated May 26, 2023 was accepted.

Based on this order, starting from the 2023-2024 academic year, elective subjects were introduced for students of the 10th grade and were organized in the directions of **mathematics - physics**, **chemistry - biology, mother tongue - foreign language, mathematics - foreign language .**

In general education schools where experiments are conducted on the organization of educational processes based on the ability and choice of upper class students. formative and summative assessment types are used to determine the indicator of students’ knowledge acquisition.

Formative assessment is a process of continuous feedback between teacher and students. It is a continuous process of obtaining information about the student’s

progress in order to adjust the subsequent actions of the students to achieve the learning goal.

Summative assessment is a process of formal assessment of the student's mastery of the competencies specified in the state educational standard and curricula during a certain period of study (sections and chapters of the curriculum, quarterly, at the end of the academic year) and includes a test, written work, oral interview, project work, presentation work, it is carried out with the help of practical training, laboratory work, creative work and other similar forms.

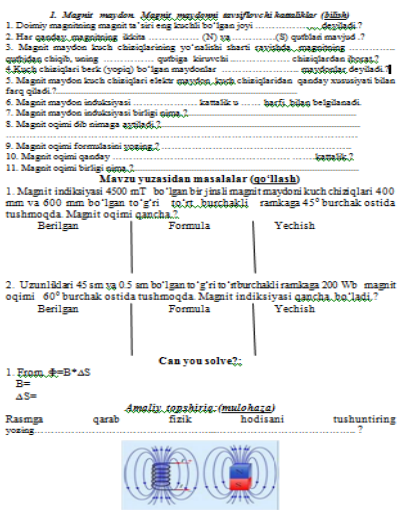
As it is known, summative assessment of the unit (here in after - **SAU)** is a process of official assessment of the level of acquisition of competencies defined at the end of the chapter or section.

Summative assessment of the term (here in after - **SAT)** is an official process of assessing the level of mastery of defined competencies at the end of the term.

In this case, as a result of summative assessment, the teacher identifies possible gaps in the student's learning and works to eliminate them together with the student. Also, this evaluation system provides objectivity. As a result, there is no room for subjective assessment.

Based on this news, Bukhara region pedagogues at the National Center for Training in New Methods Methodical service show department, we have prepared a methodological guide " **On the development of 21st century skills and their assessment for students of the 11th grade in physics ". As a** physics teacher, we approved the practical notebook for students in the 44th and 46th schools of Jondor district. According to the conducted monitoring, effective results will be achieved if science teachers use this recommendation appropriately during their work.

The advantage of this methodical manual is that 8-12 questions on each subject of 11th grade physics (that is, students' knowledge of the subject), problem solving (application) and practical assignments (reasoning) are given.



In addition, this methodical manual increases the activity of students, encourages them to acquire deep knowledge. It also helps to develop the ability to apply the acquired theoretical knowledge in practice . It is known that in teaching physics illustrating each topic with hands-on experiences gives great results. As a result, students' creative abilities and independent work skills form n adi.

THe teachers of physics organize the study process in this way during their classes, it will be easier for the students to understand the essence of the given knowledge and master it .

Below, we have presented the QR code of this methodical guide. In addition, we intend to bring to the attention of teachers the same methodical manuals of physics for the 7th and 10th grades of general education schools as soon as possible.

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