



## The Importance of Competency Approaches in Teaching Mathematics in Secondary Schools

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### ABSTRACT

This article shows the importance of the competence approach in teaching mathematics and the importance of creating interest in the subject in the students

### Keywords:

Mathematics, competence approach, competence, mathematical literacy, media, information.

The fundamental essence of the reforms being carried out in the field of education is aimed at educating a mentally mature, physically healthy, well-rounded person who has acquired modern knowledge. Teaching science-mathematics about knowledge based on concrete logical observations, today's teacher has a lot of responsibility. The teacher should not only create knowledge, skills, and competences in the students, but also explain to the students in which field they can apply the knowledge they are learning, what it is based on, and apply the knowledge they have learned to the students at a high level in practice. This process is an activity focused on the formation of competencies. This activity forms in the student independence, active citizenship, initiative, the ability to use information and communication technologies wisely in his work, conscious choice of profession, universal skills, competence. Organizing lessons based on a competency-based approach turns students from passive listeners to active participants. It motivates even the slowest learners to move in a state of interest.

What is a competency? What do we mean by competency approach? It is appropriate that we answer these questions first.

Competence (lat. compete, I'm getting, I'm worthy) 1) scope of authority, rights and duties of a specific state body (local self-government body) or an official defined in official documents; 2) A person's knowledge, experience and level of knowledge in this field.

The second of these definitions is the concept of competence, which is close to the knowledge, skills and competence that we already know. Mathematical literacy competence is the ability to make personal, family, professional and economic plans based on accurate calculations, to be able to read various diagrams, drawings and models in daily activities, the science that eases human labor, increases labor productivity, and leads to favorable conditions and refers to the formation of abilities to use technical innovations holds. This competence is formed in students through general education subjects. Also, based on the content of each general education subject, students' general competences related to the subject are formed. In particular, the science of

mathematics develops a person's intellect and attention, educates determination and will to achieve the desired goal, ensures algorithmic discipline and expands his thinking. [3:8]

Today's mathematics teacher should have psychological knowledge in addition to deep knowledge of his subject. It is important for a student growing up in the information age to first of all be able to arouse interest in his subject. We know that many people consider mathematics as a difficult subject. A skillful teacher can change the student's perception that mathematics is a difficult subject, to the concept that mathematics is an interesting, mind-sharpening subject that is the basis for learning other subjects, and he will achieve good results in the course of his work. It is important that the teacher organizes lessons taking into account the individual characteristics of each student. If the task given to the student is too complicated for him, this situation causes the student to think that "mathematics is a difficult subject, I can't master this subject". If the task given to the student is too easy for him, this situation creates in the student the idea that "mathematics is a very easy subject" and this causes the student to get bored. In order for the student not to have such thoughts, it is important for the teacher to make sure that the student understands the topics and at the same time learns the areas that are used in practice.

In addition, the teacher's personal qualities and moral image have a great influence on the formation of the mind and behavior of students. It is not enough for a teacher to have qualifications and skills. In his educational activities, he has a high level of human qualities, loyalty to his work, discipline, humanity, and moral qualities.

Because the ability to teach has many qualities: deep knowledge, broad-mindedness, dedication to work, boundless love for children, kindness, gentleness, youthfulness of heart, beautiful temperament, example of intelligence and justice, special tenderness, requires virtues such as modesty and restraint. [2:15]

In conclusion, it can be said that the extent to which the teacher can use his knowledge, skills and abilities, abilities and opportunities in the direction of organizing and

managing pedagogical processes in organizing educational and educational processes, coordinating the activities of learners, the level of a comfortable educational environment and its effectiveness, the level of educational motives and interest formed by students, the formation of a reflexive educational environment, their professional depends on competence. One of the important requirements of the present time is to activate the knowledge and creative activities of students.

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