

# METHODS OF DEVELOPMENT OF TRANSVERSAL COMPETENCIES OF FUTURE TEACHERS ON THE BASIS OF PROFESSIONAL REFLECTION

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## Abstract

The article is devoted to the methodology of developing transversal competencies of future teachers based on professional reflection. Transversal competencies are important for ensuring the successful activity of a teacher in the modern education system, and professional reflection is an effective tool for developing these competencies. This article analyzes the methodology of developing transversal competencies of future teachers based on professional reflection and defines the most effective methods of teaching.

**Keywords:** Modern education, skill, professional reflection, transversal competence, skill, knowledge, competence, method, digital literacy, innovative activity.

## Introduction

In modern educational systems, the professional competencies of the teacher are constantly changing and improving. In this process, transversal competencies – that is, universal skills and abilities used in different fields – are important and play a key role in ensuring the innovative activity of the teacher. Transversal competencies are skills and knowledge that can be applied universally in different fields. They include:

- Communication skills;
- Problem-solving and decision-making skills;
- Teamwork skills;
- Digital literacy;
- Innovative thinking;
- Intellectual flexibility.

For future teachers, transversal competencies are key to success in their professions. Because in modern education, the teacher requires not only pedagogical knowledge, but also flexibility, innovative approach and team cooperation in different situations. [1]

Professional reflexion is the process of analyzing a teacher's own activity, identifying its advantages and disadvantages, as well as determining the direction for further improvement.



**Reflexion involves the following steps:**

1. Analysis of activities - the teacher evaluates his lessons, learning process and results.
  2. Self-assessment - identification of strengths and weaknesses in activities.
  3. Planning – develop new strategies to eliminate shortcomings and further develop advantages.
- Through professional reflection, future teachers will have the opportunity to continuously improve their activities. [2] Gavrilova, N. V., studying the peculiarities of the teacher's professional reflexion, describes the professional reflexion as "one of the most effective tools for the development of pedagogical skills".

Anderson and Krathwohl have conducted a number of studies on the development of transversal competencies and believe that a professional reflex-based methodology for the development of transversal competencies includes the following steps:

**1. Video recording and analysis of the course process:**

- Future teachers will record their lessons on video.
- By reviewing the video, the teacher assesses his or her communication skills, impact on students, and the overall effectiveness of the lesson.
- Anderson and Krathwohl called this method "a tool that allows the teacher to objectively evaluate his or her performance." [3]

**2. Keeping a reflex notebook:**

- After each lesson, the teacher writes down in the reflexion notebook his/her observations, the advantages and disadvantages of the lesson.
- This process develops the teacher's self-analysis skills. recommends the reflex notebook as "a key tool for professional growth." [4]

**3. Intergroup discussion:**

- Future teachers work in groups and analyze each other's lessons.
- Teamwork and communication skills are developed as a result of discussions. UNESCO recognized collective discussions as "an effective tool for the development of transversal competencies." [5]

**4. Problem-solving exercises:**

- Students are given a variety of pedagogical problems and develop strategies to solve them.
- This process develops problem-solving and decision-making skills. Zhumaniyazov noted that the exercise is "the main tool for developing innovative thinking." [6]

**5. Use of digital technology:**

- Through digital platforms (e.g., Google Classroom, Moodle), teachers will be able to analyze their activities and store results.

Research has shown that the methodology for developing the transversal competencies of future teachers on the basis of professional reflexion leads to the following results:

- the ability of teachers to independently analyze their activities is developed.



- Transversal competencies – particularly communication skills, problem-solving and teamwork skills – increase significantly.

- develop effective literacy and innovative thinking skills.

Future teachers are advised the following:

- Constantly analyze and try to improve their activities.

- Learning how to use digital technology effectively.

- Advanced training in teamwork and pedagogical problem solving.

### Conclusion

The methodology of developing the transversal competencies of future teachers on the basis of professional reflection is important in the modern education system. Using this methodology, teachers will be able to independently analyze their activities, eliminate shortcomings and further develop advantages. As a result, they are reaching an innovative and professional personnel meeting all the requirements of modern standards.

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