

METHODOLOGY FOR DEVELOPING TRANSVERSAL COMPETENCIES OF FUTURE TEACHERS BASED ON PROFESSIONAL REFLECTION

Askarova Barchinoy Abdirakhimovna
Andijan State University, Doctoral Candidate

Abstract

This article is dedicated to the methodology of developing transversal competencies of future teachers through professional reflection. Transversal competencies play a crucial role in ensuring a teacher's successful performance in the modern education system, while professional reflection serves as an effective tool for fostering these competencies. The article examines the methodology for developing transversal competencies based on professional reflection and identifies the most effective teaching methods.

Keywords: Modern education, mastery, professional reflection, transversal competence, skills, knowledge, qualifications, methods, digital literacy, innovative activity.

Introduction

The requirements for the professional competencies of teachers in the modern education system are constantly evolving and improving. In this process, transversal (cross-cutting) competencies—universal skills and abilities applicable in various fields—play a key role in ensuring teachers' innovative activities. Transversal competencies include:

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

For future teachers, transversal competencies are a crucial factor in achieving professional success. Modern educators are not only expected to possess pedagogical knowledge but also to demonstrate flexibility, an innovative approach, and the ability to collaborate effectively in various situations.

The Role of Professional Reflection

Professional reflection is the process in which teachers analyze their activities, identify strengths and weaknesses, and determine strategies for improvement. This process includes the following stages:

1. **Activity Analysis** – Teachers assess their lessons, the educational process, and its outcomes.
2. **Self-Evaluation** – Identifying strengths and weaknesses in their practice.

3. Strategic Planning – Developing new strategies to address shortcomings and enhance strengths.

Professional reflection enables future teachers to continuously improve their teaching practices. Gavrilova N. V. describes professional reflection as “one of the most effective tools for developing pedagogical mastery.”

Methodology for Developing Transversal Competencies through Professional Reflection

Anderson and Krathwohl conducted a series of studies on developing transversal competencies and proposed a methodology based on professional reflection, which consists of the following stages:

1. Recording and Analyzing Lessons

Future teachers record their lessons on video.

They review the recordings to assess their communication skills, influence on students, and overall lesson effectiveness.

Anderson and Krathwohl describe this method as a tool that “allows teachers to objectively evaluate their performance.”

2. Keeping a Reflection Journal

- After each lesson, teachers document their observations, strengths, and areas for improvement.

- This process fosters self-analysis skills.

- Reflection journals are regarded as “a fundamental tool for professional growth.”

3. Group Discussions

- Future teachers analyze each other's lessons in collaborative group settings.

- Discussions enhance teamwork and communication skills.

- UNESCO recognizes group discussions as an “effective means for developing transversal competencies.”

4. Problem-Solving Exercises

- Teachers are presented with pedagogical challenges and work to develop solutions.

- This process improves their problem-solving and decision-making abilities.

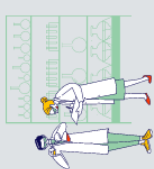
- Zhumaniyazov considers such exercises “a key tool for fostering innovative thinking.”

5. Utilizing Digital Technologies

- Teachers use digital platforms (e.g., Google Classroom, Moodle) to analyze their activities and track their progress.

Expected Outcomes

Studies indicate that developing transversal competencies through professional reflection leads to the following results:



- Improved self-assessment and analytical skills among teachers.
- Enhanced transversal competencies, particularly communication, problem-solving, and teamwork skills.
- Greater digital literacy and innovative thinking capabilities.

Recommendations

Future teachers are advised to:

- Continuously analyze and improve their professional activities.
- Effectively utilize digital technologies.
- Enhance their teamwork and problem-solving skills.

Conclusion

The methodology for developing transversal competencies based on professional reflection is of great significance in modern education. This approach enables teachers to independently analyze their activities, address weaknesses, and build on strengths. As a result, they emerge as innovative and professional educators who meet contemporary educational demands.

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