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«INTERACTIVE TECHNOLOGIES OF TEACHING DISCIPLINES OF THE NATURAL SCIENCE CYCLE AS A MEANS OF FORMING A SOCIALLY ADAPTED STUDENT'S PERSONALITY»

Natalya V. Morgacheva , Elena B. Sotnikova, Sergey V. Shcherbatykh and Lydmila N. Shcherbatykh



# Problem statement

- The purpose of this study is to study the main contributions of the practical application of interactive technologies of teaching disciplines of the natural science cycle on the example of a biology course for the development of a socially adapted student's personality through the formation of motivational-value and activity-practical components.
- Modern life requires an active creative personality, therefore, interactive methods based on phenomenological reduction in the strategy of developing critical thinking have received the greatest demand in the issue of forming a socialized student's personality.
- The problem of socialization acquires a special educational significance precisely in adolescence, when the activity of a teenager in interpersonal communication expands, and activities that contribute to the enrichment of social experience, the development of communicative competence, the formation of the ability to independent social practice come to the fore.



# Solution methods

- To monitor the development of a student's socially adapted personality, we chose a target and effective diagnostic components, which includes such criteria as citizenship, creativity and sociability.
- The target component is a system-forming one and includes pedagogical technologies of educational influence; relationships of all participants of the class community; communication links. To study the relationship between the use of interactive methods in biology lessons for the formation of natural science cognition and the socialization of adolescents, at the first stage of the study, we conducted a survey of teachers in order to find out the attitude of teachers to the use of interactive technologies in their lessons.
- To study the effectiveness of socialization of a student's personality in the lessons of the natural science cycle through interactive teaching technologies, we have compiled and tested a small methodological piggy bank of a biology teacher, which can be used when studying the topic: "The emergence and development of man-anthropogenesis" (11th grade, textbook edited by Academician V. K. Shumsky and Professor G. M. Dymshits).



# Conclusions

## Results, implementation

- Interactive technologies are considered active, since training is carried out not only between the teacher and the student, but between all the trainees who work together.
- With the active application of these technologies in the educational process of secondary school in the lessons of natural science disciplines a complex of features of a socially adapted student's personality is formed.
- Students who study in the classes where interactive technologies are actively used show a higher percentage of tolerance, empathy, and patriotism; their value orientations are more focused on spiritual and moral needs; they are more sociable and self-confident.

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# Contacts

Natalya V. Morgacheva , Elena B. Sotnikova,  
Sergey V. Shcherbatykh and Lydmila N. Shcherbatykh  
Bunin Yelets State University, 28. Kommunarov st.,  
Yelets, Lipetsk region, Russian Federation

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