

ABSTRACTS

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ORGANIZATIONAL AND PEDAGOGICAL CONDITIONS OF PREPARING FUTURE BIOLOGY TEACHERS TO THE DEVELOPMENT OF PUPILS' ECOLOGICAL COMPETENCE

Formation of ecological competence of citizens is one of the main tasks of steady developmental education.

Competence is considered as the personal characteristics which combines the knowledge, acquirements, skills, and attitudes that allow a person to implement those or other functions directed at achieving the purpose in specific activities.

On the basis of analysis of scientific and psychological and pedagogical works, it is established that the efficiency of formation process of students' ecological competence is ensured by the complex of pedagogical conditions: implementing the interdisciplinary principle of integrating the ecological knowledge of disciplines of general scientific, humanitarian, natural and professional cycles; the use of the system of educational and ecological problems and tasks; the application of active methods of implementing the ecological education of students of higher educational establishments; the introduction of special courses into the educational process of higher school.

Besides the pedagogical conditions for formation of the ecological competence of the teacher, the technologies and techniques of forming the specified competence of researchers were also developed.

In the author's opinion, the formation of readiness of future teachers of biology to the development of ecological competence of pupils of the secondary school during vocational training will be more effective if the following organizational and pedagogical conditions are created: stimulation of students' requirements in mastering the techniques of development the ecological competence of schoolchildren by increase of ecological literacy of the future teachers; the use of modeling fragments of professional and pedagogical activities for maintaining the personal inclusion of students into ecological and educational activities at the lessons of vocational disciplines; the motivated use of tasks with ecological direction during different kinds of practices that are included into future biology teachers' training.

Key words: future teacher of biology, environmental competence, commitment to the development of ecological competence of students; pedagogical conditions.