

Vesselina Dimitrova, Angela Petkova. ECOLOGICAL EDUCATION OF STUDENTS BY COMPULSORY TRAINING IN PHYSICS IN THE 11th GRADE

In this study we propose a didactic research, associated with ecological education of students by compulsory training in physics in the 11th grade. We have elaborated a new physics course for compulsory training in the 11th grade on a topic: "Physics problems in ecology". The program of the course consists of three moduluses: 1. Introduction to ecology; 2. Physics environmental contamination and monitoring methods; 3. Physics and medicine. The most important problems with learning the themes of the moduluses are revealed. The main stages of the didactic research are followed. The basic methods of the didactic research are pointed, as well as used instruments.

Keywords: ecology, ecological education, physics problems.

PACS number: 01.40.Ej.

Received

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