USING ALTERNATIVE ENERGY SOURCES DEVICES AS A TEACHING TOOLS

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ABSTRACT

The following article deals with a systematic analysis of the possibilities of using alternative energy sources as a teaching tool in the lectures of Physics, Chemistry, Biology, Ecology. The didactic possibilities of developing students' scientific competencies through the use of alternative energy sources in the education system have been studied. For continuous introduction of the achievements of modern science and technology in the teaching of Physics, Chemistry, Biology and Ecology in general secondary schools, vocational colleges, and for using alternative energy sources as a teaching tool some pedagogically based recommendations on options have been issued. Recommendations are given on the methods of explaining the content of topics through the integration of teaching materials in Physics, Chemistry, biology, Ecology, creating reusable teaching materials, organizing the access of students to educational materials at any time, the development of multimedia materials that make the content understandable. Opinions on the current tasks of using alternative energy source devices as a learning tool in explaining the content of training materials are presented.

Keywords: Integration, Physics, alternative energy source devices, learning material, teaching tools, creative ability, competence.