**Ivan Kosogov**

**Gennadiy Shyshkin**

**Requirements for educational information sources in physics for high school students**

General secondary education is the main link in the system of continuous education of a person. It provides the basis for the self-actualization of school graduates in modern society. In recent years, general education in Ukraine has undergone a significant transformation in the content and organization of the educational process. Society puts forward new requirements for the functioning of a modern comprehensive school. Unresolved problems remain related to the formation students' skills to use the acquired knowledge in life, practice and professional activity. Implementation of the school reform also requires improvement of the methodological support of the educational process.

The article presents an analysis of the results of the research, conducted to identify sources of information used by high school students in the study of physics. Based on the results of the study, we suggest ways to improve the methodological support of teaching physics in a modern school.

By conducting a questionnaire survey of pupils of X and XI grades during the 2016-2017 academic year, we studied the main sources of information that high school students used in the study of physics. Also, the reasons that influence on the interest of students in the study of physics and determine the level of their cognitive activity are revealed. The questionnaire was conducted among students of comprehensive educational institutions of Berdyansk and Berdyansk district, as well as some schools of Kherson and Zaporizhzhia regions. 192 high school students took part in the survey, among them 93 students of the X classes and 99 students of the XI grades.

The results of our research showed a high level of interest among high school students with information they find on the Internet. Increased interest in digital media should be considered when developing electronic applications to paper textbooks on physics.

Attention is drawn to the fact that it is important to take account of profiling in accordance with general knowledge and at the same time to ensure the professional training of students when creating electronic teaching aids for high school students of modern school. That is why, it is necessary to provide a practice-oriented teaching of physics for high school students.

The results of our research indicate that the development and improvement of educational physics web-sites and electronic applications for the modern physics textbooks will significantly increase the level of motivation to study the subject and attract students to active cognitive activity in the study of physics.

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