

**P. Rashkovsky,**  
Postgraduate student,  
(Melitopol state pedagogical university  
Named after B. Khmelnytsky)

## **USING VISUAL MATERIALS OF THE INTERNET NETWORK AT LESSONS IN NATURAL SCIENCES**

It is difficult to imagine the lesson of natural sciences without using the variety of visual aids. With the development of informational and communicational technologies in the arsenal of teachers there are new technical and program means. The teacher is able to use multimedia presentation, clarity libraries, virtual laboratories, online tutorials and more. World Resources of the Internet allow getting a number of different images, videos, interactive models. We know about collection of educational media resources on the initiative of states (single digital collection of educational resources) of individual companies and institutions (educational portal Cherkassk – collection of digital resources, Encyclopedia of Cyril and Methodius), art groups of teachers (teacher of chemistry O. Galtsev) open services of media materials (youtube.com). The most media resources can be put to a computer teacher and then using them for display during the lessons. But there is a fact that some interactive models correctly work only during connection to the Internet (interactive portal "Elements"). The solution of the problem of free using the media resources of worldwide network is creating the Internet resource which would allow the teacher to prepare a multimedia presentation with visuals materials.

The problem of visibility and clarity principle in education is paid considerable attention such famous scientists as Y. Comenius, A. Leontiev, H. Pestalozzi, J.Rousseau, C. Ushinsky, L. Friedman and his contemporaries: V. Boltvansky, A. Brushlynsky, I. Osmolovsky. In their works were considered the role and importance of clarity in formation, the forming of concepts and students' productive learning activity. The problems of organization of informational environment and the analysis of modern educational program means is considered in works of P. Byelchev, N. Sosnitskaya, S. Savchenko, Y. Kazakov. The using of modern technology in teaching chemistry is described in the works of A. Aspitskaya, T. Derkach, L. Kirksberh, S. Dendebera and A. Kluchnikova. Unfortunately, modern scientists do not point to the possibility of creating a web resource which would be combined capabilities of multimedia presentations and digital library visibility.

The aim of the paper is to consider the possibilities of Internet resources "electronic catalog visibility" to organize demonstrations of digital visual material in class.

Summarizing the results of the study, we can confirm that the Internet resource "Product E-visibility" is a new modern didactical means in the arsenal of teacher, which will allow demonstrating at the lessons the elements of visibility in the Internet. Their search and free composing of classes contribute the realization of creative abilities of chemistry teacher.