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**Implementation of the Principle of Openness for the Construction
and Use of Educational Technologies**

Tatyana M. Kovaleva

Annotation

The issue of the need for implementation of the principle of openness in modern education is discussed in the article. Various types of tutor practices, based on the technology of open education are considered. Some of the organizational and managerial aspects of the use of these technologies in the context of a general education school are analyzed.

Keywords: open education, principle of openness, individualization, individual educational program, tutor support.

Contemporary Ethics as the Core of Education

Valentin N. Kodin

Annotation

The necessity of creating of the system of ethical education and moral upbringing are substantiated in the article. The tasks and content of activities for different age groups are shown. Specific recommendations for inclusion of the "Ethics of Human Behavior" (Bases of Human Morality) academic subject in the curriculum of general education school are presented.

Keywords: contemporary ethics, moral upbringing, "Ethics of Human Behavior" subject, science of moral and morality.

Content of Education: Tradition and Development Prospects

Lyubov A. Krasnova

Annotation

The concepts of the content of education, which have become traditional are presented in the article. The consideration of the content of education through the prism of the image of modern scientific knowledge as possible prospects of development of educational content is offered. Scientific knowledge is understood as the trinity of the known (famous), unknown (hypothetical) and unidentified (potential). The notion of "Three-Part Image of Scientific Knowledge in the Content of Education" is introduced.

Keywords: content of education.

On the Harmonization of the Titles of Academic Degrees and Ranks in

the Qualification Systems in Higher Education Institutions and Science in the Context of Globalization

Tigran E. Marionosyan

Annotation

The issue of mutual recognition of academic qualifications, degrees, ranks, official documents on education and competence as the problem facing countries that participate in the formation of a single educational space is considered in the article. The problem associated with some differences between the systems of awarding academic degrees in different countries of the world is discussed. The question of the unification of specialty titles, academic ranks and degrees and their translation into other languages is discussed.

Keywords: academic mobility, unification of specialty titles, unification of ranks and degrees, unified educational space, Commonwealth of Independent States (CIS), Bologna Process, Bachelor, Master, Doctorate Studies (Ph.D.), habilitation, English names of academic degrees and ranks.

Health-Forming Directivity of Inclusive Education of Children with Disabilities

Yuri V. Naumenko

Annotation

The fundamentally new conceptual foundations of inclusive education of children with disabilities are proposed in the article. The fundamentally new methodological basis for the development of correctional pedagogy based on socio-cultural perceptions of the phenomenon of "Health" and "Healthy Lifestyle" is defined. The requirements for objectives and results of education of children with disabilities in elementary school are formulated in the logic and terminology of the Federal State Educational Standard of basic general education.

Keywords: different groups of children with disabilities (groups: A, B, C, D), personalistic meaning system of "Internal Picture of Health" and viability for different groups of children with disabilities, image of graduate of basic general school for different groups of children with disabilities.

Development of Children's Literature and Periodicals of the Second Half of the XVII - First Half of the XIX Centuries.

Ekaterina E. Nikitina

Annotation

The stages of development of children's literature and periodicals at the turn of XVII-XVIII centuries in line with the tendencies of formation of "World Literature" are considered in the article.

Keywords: reading, reading book, a children's magazine, literary development.

New Generation of Textbooks: the Search of Didactic Solutions

Irina M. Osmolovskaya

Annotation

Factors determining the need of elaboration of a new generation of textbooks are presented in the article. The textbooks are considered as subject informational and educational environments. The possible types of new generation of textbooks are shown. The didactic functions of e-textbooks are characterized. The didactic solutions that implement the specifics of new generation of textbooks are highlighted.

Keywords: new generation of textbooks, subject informational and educational environment, textbook-scenario, textbook-designer, didactic functions of textbooks.

Formation of an Aggregate Receiving of Cognitive Activity of Students Studying Biology (by the example of excretion and identification of microorganisms in pure culture)

Alexander A. Osmolovsky, Inna A. Volodarskaya

Annotation

The experience in formation of the generalized activity for implementation of one of the professional competence of biologists, aimed at the excretion and identification of microorganisms is presented in the article.

Keywords: professional task, aggregate receiving of activity, training map, microbiology.

Didactics in the Light of Contemporary Classification of Scientific Knowledge

Lyudmila M. Perminova

Annotation

The rethinking of the existing scientific knowledge - its status, functions and object - occurs in philosophy, sociology, psychology and pedagogy. The didactics, which is influenced by many sciences, has traditionally been a subject of scientific discussions having an interdisciplinary nature. The issue of

didactics in the context of modern scientific knowledge is considered in the paper.

Keywords: philosophy and logic of science, classification of sciences, humanities knowledge, normative knowledge, pedagogy, didactics, determinants of the development of scientific knowledge.

Dynamics of the Development and the Ratio of the Basic Notions of Pedagogy

Valentin M. Polonsky

Annotation

The article is devoted to the ordering of conceptual and terminological apparatus of pedagogy. In this context the notions that characterize the pedagogical activity are analyzed. The dynamics and the ratio of the basic notions of pedagogy and education are considered. The structure of general, age and vocational pedagogy and their component parts are analyzed.

Keywords: conceptual and terminological apparatus, pedagogy, education, upbringing, training, didactics, socialization, methodology.

Reforms in Education: Experience and Prospects

Askarbek K. Kusainov

Annotation

The article highlights the issues of innovation management in vocational education. The features of management of innovative strategies on the example of the UK, Germany, Canada, the USA, South Korea, Japan, Malaysia and Kazakhstan are considered. This article contains a comparative analysis of the above models, examines the effectiveness of existing systems, particularly deals with the governance structure of education in the historical aspect of the practical issues related to the functioning of a particular model of management. Relevant factors influencing the creation of effective management in education in this study examined from the point of view of the comparative education methodology. The authors gave an estimate of the modern trends in the reform of higher education abroad, affecting the domestic education system. The discussed aspects of innovation development of higher education system of Kazakhstan allow to draw conclusions about the prospects for further reform.

Keywords: comparative pedagogy, intellectual potential, innovative development, professional mobility.

Didactic Knowledge in the Field of School Art Education:

the Needs of a School in Such Knowledge, Problems in its Development and Use

Yuly B. Aliev

Annotation

The issues related with the use of didactic knowledge in the school art education and the problems arising in the implementation of the didactic knowledge in introducing students to the art are analyzed in the article. The specificity of didactics and the possibility of reliance on didactics by the teachers of school courses related to art creativity are considered. The didactic contradictions associated with the process of artistic development of students are presented. The author pays particular attention to the essential features of shortage of the didactic knowledge for school practice of arts education.

Keywords: didactic knowledge, school art education, specificity of the use of didactic knowledge in the practice of familiarizing schoolchildren with art, explanatory, methodological, prognostic and practical functions of didactic knowledge in the implementation of the tasks of artistic and creative development of schoolchildren.

Problems of Revealing of the Specificity of Pedagogical Research

Elena V. Berezhnova

Annotation

The author draws attention to the relationship of the quality of research and the degree of elaboration of the humanitarian aspects of the methodology of pedagogy. The necessity to rethink the role and place of the cognizing person not only in systematic philosophy of cognition, but also in pedagogy, particularly in didactics is substantiated in the paper. Such a comprehension may contribute to the further work for revealing of the specificity of pedagogical research as a type of humanitarian cognition. The entire knowledge about the specificity and its use in the scientific will allow to refuse the ideal of natural sciences and will determine the possibility of using different methods of organic inclusion of the system of values in the process and results of pedagogical research.

Keywords: values of science, features of humanitarian cognition, humanitarian aspects of the methodology of pedagogy, specificity of pedagogical research, position of the pedagogue-scholar.

Didactic Potential of Information and Educational Environment for

Organization of the Comprehensive Training Process

Elena O. Ivanova

Annotation

The possibilities of informational and educational environment on the organization of the training process responding to requests of the information society are considered in the article. The classification of the environmental resources is presented, the structure of the electronic textbook as a means of mastering the content of education is determined and the problems in teaching in the informational and educational environment are accentuated.

Keywords: informational and educational environment, training process, subjects of education, electronic textbook.

Innovative Education: Conceptual Challenges for Didactics

Michail V. Klarin

Annotation

The analysis of innovative practice of continuing education and the conceptual gaps (paradoxes), which give rise to new issues for the comprehensive didactics are presented in the article. The understanding of innovation education as an outgrowth and mastering of an objectively new cultural experience is proposed in the paper.

Keywords: didactics, innovative education, innovativeness, conceptual challenges, culture, continuing education, adult education, paradox, leadership development, post-graduate professional education, subject of education, organizational changes, holistic experience.