

CONTENTS

Academic Integration

A. V. Kaverin, D. A. Masserov. Evolvement of Ecological Education in N. P. Ogarev Mordovian State University 3

The article provides a thorough account of the role of ecological education in the preparation of potential graduates of Mordovia State University. The authors analyse current problems and offer prospective measures aimed at advancing ecological education of science and education in the region.

Keywords: environmental management; ecology; ecological world outlook; ecological education; advancement of ecological education.

M. Y. Rodioshkin, E. V. Maykov. Contemporary Approach to the Teaching Methodology of Material Science in Technical HEIs 8

The article describes methodological fundamentals in teaching how to effectively study materials during the course on material science in technical HEIs.

Keywords: spare part; durability; machine building industry; microstructure of a work piece; dislocation structural failure mechanism; teaching methodology of material science.

E. A. Loktyushina. Shaping Professional Competence Integrated with Foreign Language Proficiency Among Students of Non-linguistic HEIs 12

The article is concerned with the problems of professional competence and foreign language level of proficiency among potential graduates. The author analyses the reasons why the current system of foreign language training proves inefficient, explores the linguistic education methodology in terms of the 3rd generation educational standards and discusses the necessity to teach foreign languages through the system of situations shaping professional competence integrated with proficiency in foreign language.

Keywords: linguistic education; content of education; professional competence integrated with proficiency in foreign language; imitation situations.

M. V. Napalkova. Business Simulation Game as an Active Teaching Method 17

The article focuses on historical and theoretical fundamentals of such teaching method as business simulation games; the author describes the experience of using such method in the pedagogical activity.

Keywords: business simulation game; game-based learning; simulation; active form of learning; learning business game.

Innovations in Education

T. V. Safonova, I. A. Chumakova. Project Assignment as a Means of Shaping Universal Academic Activities among High School Junieur Students 21

The authors offer their opinion on implementation of activity-based approach to learning process in high school by means of project assignments. Technique of teaching juniour schoolers how to solve project tasks at classes of informatics based on shaping personal, regulative, cognitive and communicative universal academic activities is presented.

Keywords: universal academic activities; project-based technology; project assignment; activity-based approach; project activity; independence; self-development; high school juniour students; competence-based approach.

A. Y. Shkurov. Problems of Evolvement of State-Public Management of Education in a Contemporary High School 26

The author explores reasons and factors complicating evolvement of state-public management in a contemporary high school. Opportunities to improve state-public management of secondary education are presented.

Keywords: state-public management of education; managing board of an academic institution; self-government; levels of high school development.

M. A. Sablina. Problem Situations as a Means to Develop Cognitive Independence (based on the study of humanities subjects in the 5th—7th grades of a general high school) 32

The article focuses on the problem of development of cognitive independence among schoolchildren through problem situations. The author explores the opportunity to use humanities subjects in the capacity of a purposeful means helpful in developing cognitive independence among the 5th—7th grade schoolchildren at a general high school.

Keywords: cognitive independence; humanities subjects; problem situations; development of cognitive independence; intermediate school age; 5th—7th grade schoolchildren.

**T. Y. Stepanova. Specifics of the Use of a Communicative Approach to Teaching Foreign Languages 37**

The article presents the essence of a communicative approach to teaching foreign languages, describes general principles of a communicative methodology. Basic characteristics of an early education are given a thorough account.

Keywords: communicative approach; communicative potential; foreign language; communicative competence; communicative interaction; speech; linguistic competence; early education.

Life-long Education**L. S. Kapkaeva. Succession in the Organisation of Independent Study Work of Bachelor and Master Degree Students 42**

The article explores the specifics of an independent study work in conditions of two-level educational system. The author provides characteristics of basic types and forms of an independent study work and describes ITs which would be appropriate in the preparation of prospective bachelors and master degree students.

Keywords: independent study work of students; succession; baccalaureate; Master degree studies; levels of independent study of students; types of independent study of students; forms of independent study; ITs.

E. V. Poverenov. Improving the Level of Education of Territorial Tax Authorities Staff as an Essential Component of their Effective Activity 48

The article focuses on the necessity to improve the level of education among the prospective graduate who will be employed by territorial tax authorities of the Russian Federation. Principles ensuring efficiency of this process are explained.

Keywords: civil service; modernisation of territorial structures of tax authorities in RF; training of potential employees in the HEIs of RF; improvement of professional level; territorial tax authorities.

Education and Culture**O. V. Muromtseva, N. A. Turanina. Shaping Aesthetic Consciousness of a Linguistic Personality in High School and HEI 51**

The article is concerned with theoretical and practical aspects of shaping aesthetic consciousness of a linguistic personality. Various methodological approaches and facilities for forming the aesthetic ideal at an early stage of personality upbringing are presented.

Keywords: aesthetic consciousness; linguistic personality; aesthetic ideal; integrated classes.

O. P. Balykova, A. P. Tsybusov, D. S. Blinov, N. N. Chernov, S. A. Lyapina. Study on Eating Habits of Students as a Factor in Ensuring Students' Good Health ... 56

The article focuses on topical issues of students' health influenced by his/her eating habits. Results and analysis of the survey aimed at revealing Mordovian students' eating habits are presented.

Keywords: eating habits; sensible nutrition; nutritional status; eating behaviour of students; culture of nutrition; dietary regime.

Psychology of Education**N. V. Buldakova. Applying Principle of Integrity in the Development of Prognostic Ability Among Prospective Specialists (in respect to humanities specialisations) 60**

The article explores the integrative approach to the analyses of the phenomenon of prognostic ability, the latter being the most important personal quality of a current competitive specialist. The author discusses the necessity to develop the aforementioned ability among undergraduate students specialising in humanities. It also explores the structural composition of the specialist's prognostic ability germane to "person to person" related occupations.

Keywords: integrative capability; prognostic ability; students specialising in humanities; structure of prognostic ability as an integrative personal quality.

S. I. Balyaev. Specifics of Ethnical Identity of Mordovian Students 64

Using the empirical investigation data the author provides the analysis of psychological characteristics of Erzya and Moksha students' ethnical identity. The problem of assessment of ethnical stereotypes is emphasised.

Keywords: undergraduate students; Erzya ethnos; Moksha ethnos; ethnical identity; stereotypes; ethnoaffiliation.

O. F. Rogal-Levitskaya. Analysis of Problems of Deviant Behaviour Among Teenagers and Basic Directions of Preventive Work 70

The article is concerned with analysis of major problems of deviant behaviour among teenagers. Basic psychological conceptions defying the essence of growing age crises, theoretical models of teenagers' coping-behaviour and methods for preventing addictive behaviour are presented in the article.

Keywords: deviant behaviour; addiction; juvenile age; self-conception; coping; emotional stress; resocialisation; empirical study.

History of Education

M. S. Adamchik. Microhistory Role in the Civil Patriotic Upbringing (several approaches to the study of rural history) 76

The article analyses meaning of microhistory which is instrumental in solving socially important tasks of a humanitarian character. Research into history of a Russian village is presented as a means of patriotic upbringing of current generations not only in a global and national but also in regional context as well.

Keywords: microhistory; rural history; patriotic upbringing; civil identity; history of everyday life; multicultural area; family values; history of kindred; genealogy; polyethnicity; national identity

O. A. Barshova. Role of Directors and Inspectors of Public Schools in Educating Mordovian People 81

The article focuses on the activity of directors and inspectors of public schools. The author endeavours to analyse the role of directorate and inspectorate in encouraging education among Mordovian people.

Keywords: high school; director; inspector; staff; public school; education.

Sociology of Education

G. B. Kosharnaya, L. V. Rozhkova. Modernising Potential of Students 86

The article explores the fundamentals of a modernising potential in conditions of socio-cultural modernisation of the Russian society. Based on research results, gained from of the Middle Volga regions' undergraduate students, the author explores the modernising potential of young people.

Keywords: modernising potential; students; modernisation.

Mathematical Education

M. A. Rodionov, V. M. Fedoseev, G. I. Shabanov. Actualisation of Socio-cultural Projection of Mathematical Education as a Factor in its Humanitarisation 91

The authors explore the methodology of teaching mathematics as a field of applied humanitarian knowledge. Sociocultural aspect of mathematical education responsible for goal-setting, motivation, explanation, comprehension and other functions is emphasized. Based on one separate academic discipline, the authors undertake a task to integrate mathematical knowledge with humanitarian one and to build relations between mathematics and culture, mathematics and social sphere.

Keywords: humanitarisation of education; methodology of teaching mathematics; sociocultural context; sense bearing; informative mathematics; motivation of education; comprehension and explanation.

G. G. Levitas. An Anticipating Methodology in Teaching Mathematics 96

The article proves the necessity for using the anticipating education when forming an absolutely new activity; examples of using this methodology in teaching mathematics in the 5th and 6th grade of a high school are given.

Keywords: anticipating education; fundamentally new activity; percentage; algebraic solution of text-based tasks; diagrams.

Y. I. Golechkov, A. N. Naumkina, A. V. Shchennikov, T. N. Yavkina. Succession in Training Master Degree Students Specialising in Mathematics on the Basis of Mathematical Theory of Stability 100

The article demonstrates how general course on mathematical stability theory based on Liapunov functions for autonomous non-linear systems of differential equations can be used to teach Master degree students.

Keywords: Master degree holder in mathematics; radial basis function; Liapunov function; asymptomatic stability.



V. V. Shigurov. Difficulties in Learning Transitivity and Syncretism in the System of Speech Parts in Classes on Russian Grammar (based on participles in Passive Voice) 104

The article is concerned with essence, step character, characteristics and limit of functional semantic predicativation and/or adjectivisation of Passive Voice participles; nuclear and syncretic (peripheral and hybrid) speech structures which synthesize characteristics of different parts of speech in a typical context of the combined adjective-predicative transposition are characterised.

Keywords: Russian language; grammar; transposition; predicativation; adjectivation; participle; adjective; adverb; predicate.

T. V. Yakovleva, V. V. Demicheva, O. I. Yeremenko. Revealing the Aesthetic Function of the Russian Language in the Teaching Process at an Elementary Secondary School (based on regional teaching experience) 109

The article discusses the necessity for emphasizing the aesthetic function of the Russian language in the teaching process and underscores the importance of aesthetic upbringing at classes on Russian language at an elementary school. Practical recommendations for acquainting learners with imaginative linguistic means found in the poetry by Belgorod poets are provided.

Keywords: aesthetic upbringing; aesthetic function of the Russian language; epithet; metaphor; literary text.

G. A. Naturalnova. Place Deixis in the Russian and Erzya Languages (comparative analysis) 114

The article focuses on the comparative analysis of deictic pronouns and pronominal adverbs which have specific semantical and structural features in the Russian and Erzya languages. General and nationally specific characteristics intrinsic to the place deixis in above languages are explored.

Keywords: Linguistic situation; national bilingualism; linguistic interference; place deixis; egocentricity; proximal and distal deixis; opposition.

Reviews, References, Information

The XIV International Bakhtin Conference (Italy, Bologna University 4—8 July 2011) 120

II-nd International Conference “Russian Language in the Context of National Culture” (Saransk, 24—26 May 2012) 121