

the choice of forms of education some innovative schools use aesthetical approaches at the teaching of general subjects. Children are cultivated in such notions as aesthetic of labour, mental work, physical culture and sport. Specific principle of the system is the principle of artistically-creative activity and amateur activity of children. At last the big sense has the principle of aesthetic of all children's life. In the live of child literally all have upbringing meaning: decoration of placement, neatness of costume, form of personal relations and communication, conditions of labour and entertainment. Social function of art consists in that thing that it with the help of images opens to the person the whole world of real existed beauty: aesthetical sense of life activity, ideals, relations of labour and nature. One of the social functions of art is cognitive-didactical or educational function. Art correspond itself the most accessible for children means of carrying out spiritual and physical exercises. Filling the leisure time of children it fills it with the socially valuable contents, satisfying the interests and necessities of schoolchildren, promotes their versatile development. So far as art is concentrated, substantially, fully of content, capaciously reflects and expresses in the artistic form the aesthetical essence of reality, in so far as it is sharp and effective weapon of forming of person's attitude to life. Carrying away of person, concentrating his attention at the new and impressive impressions, satisfying spiritual necessities, art carries person into a world of such feeling and emotional conditions, which switch over psychic activity, take off the tension, create discharge. Of course communication with art also creates tension. But this is qualitative psychical tension, which is rather different from the created by daily activity and relations. Psychical discharge consists not in the absence of tension, but in their change, in qualitative variety and originality of impressions. With the help of this change of spiritual tension art carries out peculiar psychotherapy, carries out psychohygienic, medical role. Aesthetical upbringing, education, provides to pupils not only spiritual, but also physical health.

Thereby, as the historical analysis of question shows, the problem of upbringing of harmonically developed personality excited many outstanding pedagogues and thinkers of humanity from ancient times. Particularly in our own motherland best minds noted the importance of laid in the school aesthetical and creative origins. As it was shown earlier, nowadays in Russia there are existed all premises to all over again revive general system of aesthetical upbringing, with taking into consideration of experience of previous generations of pedagogues and teachers, but with regard

to the realities of today's necessities. At scales of one school it should be done today, now. To teach children to understand and create wonderful one can without especial material investing, for this there is requires only putting one's heart and soul into a process of any study. Every teacher can do aesthetical upbringing, if he loves children, knows and loves his subject and creatively approaches to its teaching.

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THE JUNIOR GRADES FUTURE TEACHERS OCCUPATIONAL TRAINING IN THE MATHEMATICS TEACHING PROCESS

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The contemporary society labor market is being demanded the high level occupational and the applied knowledge mastering, the skills to be orientated in the information flows, and the habits in the new technologies mastering from the specialists and the experts.

The mathematics teaching pedagogical – occupationally direction, the essence of which is being consisted in the students' formation not only the knowledge, the skills, and the habits, but, as the ability, well as the preparedness to be used them in their future occupational activity, is being promoted the junior grades department high school graduates' mobility and the competitiveness provision.

So, the consecutive, the purposeful work on the studied and the target material with the mathematics initial course on the connection making by the following directions would be promoted the student to be realized the mathematical knowledge necessity in his future occupational activity, ipso facto to be brought up the necessity in his preparation and the training improvement, to be formed the skill and the habit to be orientated in the academic subject content, and also to be worked with the textbooks by the mathematics for the junior grades at him:

– the tasks and the necessary materials use just from the mathematics textbooks for the grade school at the students' motivation creation for the

higher school course theoretical regulations illustrations;

- the tasks performance, having designed with the textbooks material use for the junior schoolchildren;

- the students' familiarization with the tasks search from the mathematics initial course, having connected with the studied and the target material in the Institute of the higher education, in the College, and also in the University;

- the textbooks pages logical – mathematical analysis by the defined and the specified scheme carrying out for the junior grades.

So, it is necessary to be used also the necessary tasks on the alternative textbooks, in the form of the following circumstances:

- a) the grade school programs by the mathematics have been undergone the considerable changes: the teaching developing tasks are being put in the forefront;

- b) the mathematics teaching is being carrying out on the alternative (e.g. developing) systems in many schools (especially, in the junior grades).

Such kind of work is being permitted to be carried out the succession and the continuity between the mathematics school and the higher school courses on this academic subject.

Such succession and the continuity manifestations, as the repetition and the propaedeutics are being acquired the special significance, from the point of the mathematics teaching improvement view on the ФHK. So, the repetition role is the great between the secondary school and the Institute of the higher education, the College and the University. The mathematics school course repetition in the Institute of the higher education, the College, and the University will have to be provided the presentations non – stop development on the mathematical structures. For this purpose, it should be cited to the theorems and the examples at the lectures, and the practical studies, which are quite known to the schoolchildren from the school, having permitted them much better to be comprehended the new mathematical fact, the phenomenon, or to look at the already quite known one just from the higher level.

So, it is being presented reasonable the academic mathematics propaedeutic course, which is necessary in the junior grades future teachers pedagogical – occupationally preparation and the training to be included into the junior grades department academic studies curriculum (by the new State Standards – STS), for the purpose of the basis creation for the basic mathematical notions and the divisions mastering of the full value.

Thus, the main tasks and the aims of such introductory course will be quite able to be the following:

- 1) the first – year students mathematical culture development up to the level, which is quite enough for the «The Initial Mathematical Education Theoretical Bases and the Technologies» course mastering full of the content and the substance;

- 2) the skills and the habits system working out at the students in the up – to – date mathematics basic notions handling and the operation.

As A.G. Mordkovich notes, one from the mathematical preparation and the training pedagogical – occupationally direction indispensable conditions «is the statement and the regulation on the fact, that the general scientific and the methodological line consolidation is usually being made up the academic mathematical discipline building basis in the Teachers' Training College». So, he has called this statement and the regulation by the binarity principle. In accordance with this principle, the academic mathematics study by the ФHK students will have to be provided not only the broad outlook achievement in the academic mathematics, the academic mathematical culture defined and the specified level, but and the acquaintance with the academic mathematics school course exposition methods.

The junior grades future teacher methodological preparation and the training, by means of the academic mathematics, are quite able to be carried out by the different methods application: the comprehensive material's summarization and the development, the exposition and the description (including the school options and the versions); the didactics principles application teaching; the challenging in the teaching; the independent tasks on the materials preparation for their application at the lessons, the studies, the mathematical circles; the business plays application; the lessons' parts and the fragments preparation on the defined topics and the specified themes, having had their practical application into the school program; the tasks selection and its didactic comprehension and their understanding. Thus, the student is being carried out the following work, at his independent task realization on the lesson's part and the fragment preparation:

- he is studies the pupils' knowledge, the skills, and the habits level to the topic and the theme study moment;

- he studies the theory part and the fragment all the possible variants and the options;

- he is choosing the most convenient variant and the option, from the point of the having the

pupils' knowledge, the skills, and the habits level and also its perception possibility;

– he is defining the material's summarization and the development, exposition and the description level, having singled out the special moments, which will not be able to be proved in the strict manner;

– he is carrying out the methodological study and the research on the strict evidence substitution by the intuitive presentations, having confirmed by the given examples and so on;

– he is making the studied academic subject part and the fragment building;

– he is developing the exercises system for the theoretical material and the necessary skills and the habits working out consolidation.

Such kind of the systems will have to be contained the special exercises, having had the brightly expressed «school» direction; having realized the main and the basic lines rich in their content of the school course – that is, the numerical one, the equalizations and the inequalities, the graphic – functionally one, the geometrical one; having promoted the skills working out on the examples and the tasks making up, on the notions and the conceptions formation in the school.

It has been provided and foreseen the academic discipline study by the students by the new academic studies curriculum program (e.g. by the new State Standards – STS, 2005) at the ФHK: «The Initial Mathematical Education Theoretical Bases and the Technologies». So, it is presented, that the given course is being created the large possibilities for the more qualitative discovery of the pedagogical – occupationally direction methodological aspect of the junior grades future teacher mathematical preparation and the training.

So, it is necessary to be paid much attention for the teaching process close relevance and the interconnection establishment at the ФHK with the junior grades teacher's work experience, and also for the primary and the elementary research skills and the habits formation, which are constantly necessary for the improvement teacher in his occupational activity at the given and the adopted course content development.

Thus, the pedagogical – occupationally direction in the academic mathematics teaching of the junior grades future teachers is quite able successfully to be carried out at the following conditions observance: the «mathematics» academic course study motivational provision, the academic mathematics teaching methods and the forms orientation for the students' preparation and their training for the occupational activity, as the junior grades teacher, the curricular auditorium, the extra –

curricular and the research – scientifically work orientation with the students for the practical needs and the academic mathematics teaching challenges just in the elementary and the primary school.

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HEAD TEACHER COMPETENCE AS AN EFFECTIVE CONDITION FOR DEVELOPMENT OF PROFESSIONAL TEACHING STAFF

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School is a mirror of social changes. The national education policy urges school management to develop a democratic education system, which guarantees essential conditions for the complete and qualitative education at all levels. School principals' knowledge of laws and regulations governing the comprehensive school activities, and