

IN THE TEACHING OF IT AND INFORMATION TECHNOLOGIES IN GENERAL SECONDARY SCHOOLS PROBLEMS

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Abstract

This in the article common medium education in their schools informatics and information technologies science in teaching problems about thought held.

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Information technologies each day a person to his life more and more more come inis going Today's per day, even the most ancient professions are also computer programs and different requires different IT technologies. This attitude with in schools informatics course current done, because children to adults than much easyand faster they learn From this except almost all modern school students at home to the computer has they are from school after own knowledge from raising satisfied.

Current stage intellectual activity technology done is increasing. Computer technologies based on information technologies smart procedures done to increase able : computer using design, the computer modeling, financial and economic activities, many tongue translation, har different diagnosis types, study systems, information search, sorting and others This the fourth stage being new of knowledge growth provider technical tools, methods, technologies learning and work release with depends was.

Theory and of practice many new directions appear was also Information change processes with depends has been a person activity.

At school informatics science of teaching educational and developing purpose each one to the student informatics basics, that's it including information change, transfer and from him use processes about ideas own into received initial fundamental knowledge to give and that's it basically to the students of the world modern scientific picture in formation information of processes importance also modern technologies in development information technologies and of calculation instead of.

At school informatics course study, also students this knowledge constant and conscious respectively appropriation for necessary has been main skills and skills and at school studied another of sciences the basics to arm intended. Informatics in the field knowledge mastery as well belongs to skill and qualifications take over of students common mental development, their thinking and creative abilities development such as personality features to form significant effect to show intended . School informatics course practical purpose of students work and technological preparation contribution add, that is. them from graduation after to work preparation which provides knowledge, skill and skills with equipment.

This that's it means that school informatics course not only informatics of science main concepts with get to know need they of course, the mind develops and of the child internal the world enriches, maybe

practical oriented - the student on the computer to work to teach and new information technologies of means use To profession orientation for informatics course to the students computer and informatics with directly depends has been occupations, also from computers used without at school being studied of sciences different different manuals about information to give need of the problem work release side with one in line informatics science of teaching practical goals are also " daily " aspect - young people computer technologies and another information and communication from technologies diary in life reasonable to use preparation mean holds.

School informatics course education purpose, first in line, students worldview strong effect with provided that society and civilization in development count technologies and information technologies of means possibilities and role about to awareness have whole . School informatics course school of students scientific to the worldview added contribution of science three main from concepts one has been information of the idea formation with is defined as : modern scientific to structure basis has been matter, energy and information . of the world pictures . From this except informatics science quality in terms of new stage while studying mental work culture is formed and own work planning, him reasonable perform him done the actual process of raising with critical dependence such as essential universal features is formed.

Informatics science study, in particular algorithm and programs make up them on the computer done increase, from students mental and voluntary actions Demand to do attention consistency and developed the imagination sum up requires, this such as of personality valuable features to develop contribution to add need persistence and to the goal compatibility, creativity activity and independence, responsibility and hard work, discipline and critical thinking, own views and beliefs with argue ability School informatics of science subject, never to whom not like without, thinking and of action accuracy and compactness for special requirements puts because thinking, presentation and of writing accuracy computer with of work indispensable is part of.

Informatics interest scope is of information structure and common features, also a person of activity different in the fields information search, collection, storage, change, transmission and of them use processes with depends issues . Automation and contact without a system huge volume and information flows again to work imagination by doing won't be therefore for electron computers and modern information and communication technologies and computer science main the core is also material base is considered School informatics science active developing informatics of science content organize doer all different data the introduction possible it's not . With that together general education functions which performs school subject of science essence open giving students another of sciences the basics learning for necessary has been knowledge, skill and skills with arming the most important main concepts and information reflection to continue need at school as well young people future practical activity and modern information in society to life preparation.

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