
AT SCHOOL GEOMETRY PEDAGOGICAL GOALS IN LEARNING FROM ELECTRONIC RESOURCES FOR USE

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Abstract

In the article common medium education mathematics and geometry subjects in schools in teaching mobile from devices using lesson of transition advantages illuminated . (Grades 5-8 example)

Keywords

mathematics, geometry , mobile devices , independence , advantage , organization .

Modern of education important from directions one is mathematical education development is modern _ the basics of mathematics in the context learning young generation of preparation more and more priority direction is spinning .

In our country mathematics education development main principles , goals , tasks and main directions according to views system given .

This in the system mathematics education and science in development modern at school current has been three group problems defined .

First group school low motivation of students It includes mathematical education _ _ _ importance public by enough not to be evaluated , study programs excess download as well _

technical elements and out of date to content have evaluation and methodical materials with depend _

Second group of students different groups for intermediate and state final attestation in the requirements study programs , assessment and methodical in materials actually difference no , it is while study to the low efficiency of the process take coming meaningful in character problems includes . _ _

Third to the group while different in groups of students education and vital interests account received without , developing and forming mathematics good quality to teach personnel lack of includes [1].

In practice mathematics learning and study process organize reach 5-8 grades in the process students different in character to difficulties face they come

Mathematics course of learning all stages in students count culture is formed , but his foundation of reading the first five in the year is placed . This mathematical operations in period from the laws conscious respectively use get ability will be formed in the future while received skill and skills is strengthened and will be improved . So in classes of 5-8 grades oral work each since when too is relevant , but often , especially in the 5th-6th grades, the most simple arithmetic operations perform students for difficulty gives birth and from the calculator use desire appear will be [2].

Geometry in learning of students geometric the material appropriation level decrease trend there is Diagnostic work on mathematics analysis to do that's it shows that geometric problems solution in doing spatial of thinking enough level lack of development with depends difficulties there is

From geometry different as opposed to mathematical concepts in algebra classes less attention is given In geometry everyone thing concepts based on constructed in algebra that it was like teachers while practical the material to know enough is considered [3].

Above what was said mathematics in mastering to difficulties the following depends said to the conclusion to come possibility gives : count culture , logical thinking , geometric the material mastering mathematical concepts formation , modeling skills , critical thinking development , knowledge gaps , knowledge essence wrong understand _ mathematical rules and others _ Mathematics education development in the system mathematics in teaching problems eliminate to do directed row tasks shown : study programs modernization of the content , every one student for basic in knowledge spaces that it won't be provide , all for open information resources existence provision , training programs content improvement . of mathematics teachers work quality in mathematics education

leaders support of students high mathematical abilities development and apply for conditions provide mathematical knowledge and math education publicize _

General education mathematics course in grades 5-8 of his school teaching experience science to the results reach for analysis does we are , that's it to emphasize maybe big _ volume of mathematical material cover in getting of students activities organize reach necessary _

Lesson and class from his room except at work of students independent works share increase necessary _ This attitude with teacher in front of independent work organize reach and study work for tasks choose task it 's standing complexity level increased going with differentiation and different options _ includes . _ _ Independent work in the process student own mistakes selection , task return and them correction for assignments one instantly check need _

Information and communication technologies means computer devices using information collect , store , re performance , presentation reach and transmission methods set is understood . To them installed software supply and to the Internet access possible have desktop computers , laptops , peripherals devices , tablets and others enters _

Today's computer devices per day students for is available They are of life indispensable part , however that's it despite , har one in the family work table computer or have a laptop not because _ price much high or big in the family all children for one device there is Last stationary computers in years instead of tablets and from smartphones use trend are observed , they are technical characteristics according to won't stay . Time from electronic devices too increased goes _

Mobile education study process place and from time strictly look , organize reach for too separately , too another information and communication technologies with together mobile from technologies to use mean holds _ Education different in forms to be possible and mobile devices using students education resources entrances , other users with connections in class and from class external content creation can _ Mobile devices usually own of the owners property all day long their at his disposal will be and setup for many properties have _ That's why for mobile technologies are stationary and information exchange technologies than personalization for more opportunities gives _ Mobile technologies his own great portability and relatively cheapness because of personalized education opportunities significant level expanded .

Now mobile of devices interactive possibilities because of the answer almost one instantly get can _ This to students education problems quickly to determine and main concepts seeing exit opportunity gives _ Smartphones and main mobile

devices for of existing mathematical applications some of them student do it didn't get problems how solution to do step by step showing gives _ This assessment system knowledge to collect help gives and not only gives points , successful students rewards or behind to the rest addition assignments gives _ From mobile technologies use evaluation information distribution , collection , analysis to do and documentation automation through teachers activity efficiency increases . For example , mobile applications is available by using them teachers of students study assignments check through knowledge quickly evaluations can _ Usually , it is applications operational systems across works , then to student test questions education institution present reached from the device not own _ mobile from the device answer give takes _ A lot time demand who does organizational problems quickly by solving _ teachers students with directly to work more time separation can _

Mobile technologies study to the process adaptation about natural question is born To the teacher mobile applications and services choose and of them use of students education the results account received without teaching forms and methods choose and setup ability need will be [4].

Ours in our article students by mathematics development one how many problems seeing from them _ one in class and from class except independent of work one part as done increase possible mathematical skills _ formation and strengthening for study of assignments lack of mobile applications and from services use them _ teaching methods integration through . Mobile applications and services big in volume tasks on inspection of the teacher algorithmic of functions one part takes and learning interactive will be

So so our _ in our opinion general education mathematics in grades 5-8 of his school in learning mobile applications and from services use to the goal according to it seems

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