

History of the formation of profile training mathematics in Kazakhstan and prospects of development

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Abstract: We analyzed the current state of profile training in Kazakhstan and abroad. At the moment, the whole school system of Kazakhstan is undergoing fundamental changes in structural and organizational, also in content and methodologically. Before, the comprehensive school has the task of preparing of the competitive graduates. One way to implement this task was the introduction to the 2006-2007 year profile training in high classes of secondary school.

Study of the problems of formation and development profile training in mathematics in Kazakhstan is connected with the problem to enhance scientific and methodological soundness profile differentiation in mathematical education of senior pupils. It is also aimed to solve the following problems: selection of content for the system of additional education in high classes; development programs profiled basic and advanced training courses; ensure a comprehensive readiness of senior pupils to continue their studies in high school mathematics; development of methodical support of elective courses and methods of enhancing pupils' cognitive activity; formation of general and professional competencies of future teachers of mathematics; and mathematics teachers to teach in specialized classes.

Keywords: profile education, mathematics, education system of Kazakhstan, elective courses, methodological support of the course.

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