

Work plan for the 2022-2023 academic year  
academic school

doctor of pedagogical sciences, professor of AU named after H. Dosmukhamedova,  
academician of APNK Karazhigitova T. A.

"Improving the quality of mathematical education through the development of competence in the generalization and systematization of knowledge in the context of modern educational technologies",

Targets and goals:

1. Organization of training of teachers, students of pedagogical specialties and undergraduates of technology of the block-modular approach.
2. Organization of research work on the creation of individual methodological support for teaching mathematics to students in the context of the modern educational process
3. Registration of research results in the form of articles in scientific conferences
4. Assistance to teachers in organizing the research activities of schoolchildren
5. Work with undergraduates on research activities

2022-2023 e.				
№	Topic of the lesson, terms	Members	Responsible for the organization	Completion Marks
1.	Topic: "Development of information competence of students in mathematics lessons in a modern school"  Attending classes and classes with undergraduates	Mathematics school-lyceum №16  undergraduates	Principal of school No. 16 named after. J. Karazhigitova  Ph.D., prof. Karazhigitova T.A.	

2	Topic: "Value orientations and development of functional literacy in mathematics lessons"	Teachers, practical students, undergraduates	Shazhdekeyeva N.K. Dulgerov S.P. Karazhigitova T.A.	
3.	Work with students and teachers to implement a modern approach to the generalization and systematization of the material	Together with teachers of mathematics and physicists	Dulgerov S.P., Karazhigitova T.A. Tsoi S.I.	
4.	Conducting lectures, a master class with teaching staff, followed by a discussion	Together with school №1	Karazhigitova T.A. Shazhdekeyeva N.K. , head teacher	
5.	Classes for the preparation and description of PVE teachers	Teachers of school-lyceum №16 and undergraduates	Karazhigitova T.A. Dulgerov S.P.	
6.	Master's and diploma works	Teachers of school-lyceum №16 and undergraduates	Karazhigitova T.A.	

The work plan of the branch of the department  
Mathematics and Methods of Teaching Mathematics for the 2022–2023 academic year

Targets and goals:

1. Organization of training of teachers, students and undergraduates of pedagogical specialties technology block-modular approach.
2. Organization of research work of the modern educational process within the framework of master's and diploma works.
3. Assistance to teachers in the implementation of modern technologies in the educational process aimed at improving the quality of education and upbringing of students.
4. Development of students' interest in pedagogical specialties and mathematics.
5. Organization of the work of the academic school.

№	Types of jobs	Responsible	Timing
1.	Participation in school activities: first bell; subject decade; seminars; pedagogical councils; last call.	Head teacher. Shazhdekeyeva N.K.	During a year
2.	Conducting master classes of the teaching staff of the department: open lessons; extracurricular activities.	Dulgerov S.P., Karazhigitova T.A.	February
3.	Pedagogical practice of students. Conducting research activities.	Karazhigitova T.A.	During a year
4.	Participation of undergraduates in seminars and their conduct of pedagogical research as part of their master's work	Karazhigitova T.A.	During a year

Shazhdekeyeva N.K.

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Targets and goals:

1. Organization of training of teachers, students of pedagogical specialties and undergraduates of the block-modular approach technology.
2. Organization of research work on the creation of individual methodological support for teaching mathematics to students in the context of the modern educational process
3. Registration of research results in the form of articles in scientific conferences
4. Assistance to teachers in organizing the research activities of schoolchildren
5. Work with undergraduates on research activities

2022-2023 e				
№	Topic of the lesson, terms	Members	Responsible for the organization	Completion Marks
1.	Topic: "Development of the teacher's competence to generalize and systematize the material in mathematics in a modern school"  Attending classes and classes with undergraduates	Mathematics school-lyceum №16  undergraduates	Principal of school No. 16 named after. J. Karazhigitova  Ph.D., prof. Karazhigitova T.A.	

2	Topic: "Analysis of geometry textbooks for grades 7-9 and a block-modular approach to the generalization and systematization of the material"	Teachers, student interns, undergraduates	Shazhdekeyeva N.K. Dulgerov S.P. Karazhigitova T.A.	
3.	Work with students and teachers to implement a modern approach to the generalization and systematization of the material	Together with teachers of mathematics and physicists	Dulgerov S.P. Karazhigitova T.A. Tsoi S.I.	
4.	Work with students and teachers to implement a modern approach to the generalization and systematization of the material	Together with school №16	Karazhigitova T.A. Shazhdekeyeva N.K., head teacher	
5.	Classes for the preparation and description of PVE teachers	Mathematics school-lyceum №16 undergraduates	Karazhigitova T.A. Дульгеров С.П.	
6.	Master's and diploma works	Mathematics school-lyceum №16 undergraduates	Karazhigitova T.A.	

Karazhigitova T.A., Shazhdekeyeva N.K.