

ЗАТВЕРДЖЕНО

на засіданні кафедри іноземних мов
(протокол № 2 від 26.09.2025 р.)

Зав. кафедри

Олена ЯРЕМЕНКО-ГАСЮК

РІЧНИЙ ПЛАН РОБОТИ ПРОБЛЕМНОЇ ГРУПИ
ENGLISH FOR MATH STUDENTS
на 2025-2026 навчальний рік

Науковий керівник: Карпук Дарина Олександрівна, асистент

Мета діяльності проблемної групи: The purpose of the problem group is to improve the professional foreign language competence of students majoring in mathematics, expand their English vocabulary related to mathematics, and develop their skills in using mathematical terminology in oral and written professional communication.

Завдання проблемної групи:

The activities of the group are aimed at

- developing students' ability to read and analyse authentic mathematical texts;
- work with English-language scientific and educational materials, understand and use professional vocabulary;
- present the results of mathematical research in English;
- apply their acquired knowledge and skills in their academic, scientific, and future professional activities.

OUTLINE OF THE GROUP WORK

1 and 2 Term English for Math students

September	<i>The Topic of the Meeting:</i> Introduction to the Problem Group. Mathematics and the English Language. <i>The Form of the Activity:</i> Workshop. Discussion of the importance of English for mathematicians; basic mathematical vocabulary and terminology. <i>The Result:</i> Formation of working groups. Students understand the objectives of the group and acquire basic mathematical vocabulary in English.
October	<i>The Topic of the Meeting:</i> Numbers and Mathematical Operations: cardinal and ordinal numbers; fractions, decimals, percentages; basic mathematical operations and expressions. <i>The Form of the Activity:</i> Vocabulary practice, individual and pair work, interactive exercises. <i>The Result:</i> Students can correctly read, understand, and use numbers and basic mathematical expressions in English.

November	<i>The Topic of the Meeting:</i> Algebraic Language and Expressions: variables, constants, equations, inequalities, functions, and algebraic expressions; reading mathematical formulas in English. <i>The Form of the Activity:</i> Reading, vocabulary exercises, problem-solving tasks. <i>The Result:</i> Students can understand and use basic algebraic terminology and read mathematical formulas in English.
December	<i>The Topic of the Meeting:</i> Geometry and Mathematical Shapes: geometric figures, lines, angles, triangles, circles, polygons, perimeter, area, and volume; describing geometric properties in English. <i>The Form of the Activity:</i> Vocabulary activities, matching exercises, pair work, problem-solving <i>The Result:</i> Students can identify and describe geometric figures and use geometry-related terminology in English.
February	<i>The Topic of the Meeting:</i> Functions and Graphs: types of functions; coordinates and graphs; describing mathematical relationships and changes. <i>The Form of the Activity:</i> Interactive exercises, graph description tasks, individual and group work. <i>The Result:</i> Students can understand and describe functions, coordinates, and graphs using appropriate mathematical vocabulary.
March	<i>The Topic of the Meeting:</i> Calculus and Higher Mathematics: limits, derivatives, integrals, sequences, and mathematical problem-solving vocabulary. <i>The Form of the Activity:</i> Vocabulary practice, reading, problem-solving exercises. <i>The Result:</i> Students can recognise and use basic terminology related to calculus and higher mathematics in English.
April	<i>The Topic of the Meeting:</i> Reading and Analysing Mathematical Texts: working with authentic English-language mathematical texts and scientific articles; identifying key information and using professional terminology. <i>The Form of the Activity:</i> Reading and analysis, vocabulary work, group discussion. <i>The Result:</i> Students can read and analyse authentic mathematical texts and identify key information and professional terminology.
May	<i>The Topic of the Meeting:</i> Presenting Mathematics in English: preparation and presentation of individual or group projects; mathematical presentations and discussions; summarising the results of the group's work. <i>The Form of the Activity:</i> Project work, presentations,

	discussion <i>The Result:</i> Students can present mathematical topics and research results in English and use professional vocabulary in oral communication.
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The List of Students

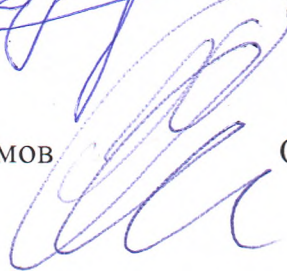
SURNAME and NAME	COURSE	GROUP
Благодарна Олександра Сергіївна	1	1М
Бланар Софія Олексіївна	1	1М
Гуржій Матвій Владиславович	1	1МСО
Маріонда Ірина Юріївна	1	1МСО
Петровський Ілля Андрійович	1	1ФСО

Керівник проблемної групи



Дарина КАРПУК

Завідувач кафедри іноземних мов



Олена ЯРЕМЕНКО-ГАСЮК