

HIGH SCHOOL CURRICULUM HANDBOOK

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INTRODUCTION

Welcome to **Sapiens UP**, where education goes beyond traditional boundaries. Our Curriculum is tailored to each student, blending academic excellence with specialized subjects and personalized fulfillment plans. This unique approach prioritizes diverse skills, innovative projects, and individualized growth, ensuring our students not only excel academically but thrive in unconventional realms.

At the core of our curriculum is the cultivation of six key competencies: self-regulation, communication, critical thinking, creativity, collaboration, flexibility, and adaptability. This curriculum is meticulously crafted, comprising a remote component (25-45%) and an on-site segment at the school (75-55%), offering flexibility based on the chosen educational path.



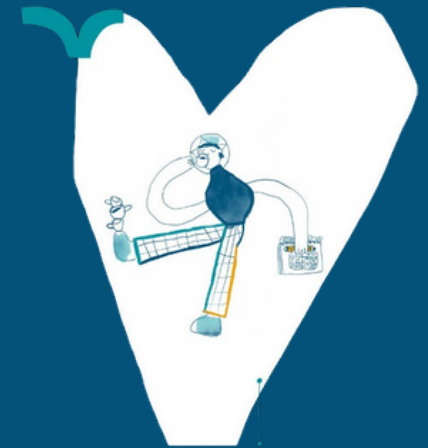
SIX KEY COMPETENCIES



CRITICAL
THINKING



CREATIVITY



SELF-REGULATION



FLEXIBILITY AND
ADAPTABILITY



COMMUNICATION



COLLABORATION

REMOTE PART

OPTIMA SCHOOL: A LICENSED REMOTE PARTNER



UKRAINIAN PROGRAM

UKRAINIAN LANGUAGE
UKRAINIAN LITERATURE
HISTORY OF UKRAINE



Assessments according to the tests plan by a remote partner



Ukrainian certificate of state standard on completion

REMOTE PART

OPTIMA SCHOOL: A LICENSED REMOTE PARTNER



POLISH PROGRAM

JOIN EITHER AS A REGULAR CLASS STUDENT OR IN A PREPARATORY DEPARTMENT:



- **In classes**, subjects follow the **Polish educational program** with **mandatory exams** at the end of each semester.



- **The preparatory department** offers subjects such as *Polish, History, Social Studies (WOS), Philosophy, Ethics, Chemistry, Biology, English, Mathematics, Physical Education, Business and Management, German (optional), Ukrainian Language, Ukrainian Literature, and Ukrainian History*. At the end of the year, students receive a **certificate of completion without the need for exams**.

REMOTE PART

CAMBRIDGE INTERNATIONAL IGCSE PROGRAM



SUBJECTS AVAILABLE TO STUDY:

English
Literature in English
History
Mathematics
Economics
Geography
Biography
Physics
Chemistry
Art & Design
Computer Science



- The instruction is conducted in English and lasts for 2 years.
- Students aged 14-16 - 8th, 9th, 10th graders - can join.

COURSE OBJECTIVE:

- Preparation for the international IGCSE exam.
- Improvement of English proficiency for studying in college under the A-level program.

CAMBRIDGE IGCSE EXAM

The International General Certificate of Secondary Education (IGCSE) is an English language based examination developed by the University of Cambridge International Examinations. Students usually study for IGCSE for two years, starting in Year 10 and take the exam at the end of Year 11.

Typical subjects for IGCSE candidates include a First Language, a Second Language, Mathematics and two more subjects of their choice. Students receive IGCSE qualifications for each subject individually and prepare them for their A-level certifications.

CAMBRIDGE INTERNATIONAL AS AND A-LEVEL EXAM

Advanced level qualifications (A level Exams) are subject-based qualifications developed by the University of Cambridge International Examinations. Students must have at least 5 IGCSE qualifications in order to take the A-level Exams.

Students usually study three or more subjects over the course of two years, starting in Year 12. By taking A-level exams, students are prepared to apply to a wide range of top universities and colleges across the world.

ACADEMIC PLANS

- MAIN PLANS TO CHOOSE FROM:

Key:
Special Courses
Specialisation (to choose)

BASE

Mathematics
Ukrainian Discussion Club
History
STEM
English
English Creative Writing
Polish
Informatics
Social Science

Sports
Psychology Discussion Club
Specialisation
Neurophysiology
Cultureland
Economics
First Aid
Career Consulting (10-11 Grades)

INNOVATIVE

Mathematics
Ukrainian Discussion Club
History
STEM
English
English Creative Writing
Polish
Informatics
Social Science
Sports
Psychology Discussion Club
Specialisation
Projects

Neurophysiology
Cultureland
Economics
First Aid
Content Creation
Critical Thinking
European Studies
Nutrition Science
Public Speaking
Responsible Leadership
Tax System of Poland
Career Consulting (10-11 Grades)

SPECIALISATION

ARTS & DESIGN

Fosters creativity and technical skills in various art forms, from traditional drawing and painting to modern digital design.

BIOTECHNOLOGY

Focuses on applying biological and technological principles to develop solutions in healthcare, agriculture, and environmental sustainability.

BUSINESS

Equips students with knowledge in economics, management, and entrepreneurship, preparing them for the competitive world of business.

IT

Provides comprehensive training in computer science, software development, and digital technologies essential for modern tech careers.

MATHEMATICS

Develops analytical and problem-solving skills through rigorous study in algebra, geometry, calculus, and applied mathematics for various fields.

SPECIALISATION: ARTS & DESIGN

MARYA YERMAGAMBETOVA

COURSE DESCRIPTION:

- The Arts and Design course is focused on self-expression, visual communication, and design principles. Students will explore their artistic identity, balancing technical skills with creative thinking in projects like self-portraits and client-based design. Emphasizing art as a tool for self-discovery, the course encourages students to translate ideas into visual form through hands-on, concept-driven exercises.

COURSE OBJECTIVES:

By the end of this course, students will:

1. Express their artistic identity through various mediums.
2. Apply design principles and art theory to their creative work.
3. Think critically and make informed artistic choices.
4. Develop quality projects and a personal portfolio.
5. Showcase their growth through a final exhibition.

ASSESSMENT SYSTEM:

1. **Student Engagement (20%):**

- Contributing to discussions, group activities, and interactions during class sessions.
- Completing assignments, tasks, or preparatory work related to the course consistently.
- Asking questions, seeking clarification, and interacting to enhance understanding.

2. **Project Approach (20%):**

- Understanding the project plan and outlining the steps to complete the project.
- Applying learned skills, theoretical knowledge, and relevant concepts.
- Reflecting and making necessary adjustments as the project progresses.

3. **Time Management (10%):**

- Completing and submitting assignments on time without last-minute rushes.
- Managing time effectively, giving adequate attention to various tasks within the project.
- Maintaining a steady work pace across different projects or assignments.

4. **Project Completion Proficiency (40%):**

- Aligning with the project objectives, connecting the strategy with the outcomes.
- Producing a project that achieves a level of quality, balancing accuracy and creativity.
- Handling unexpected challenges or obstacles encountered during the project.

5. **Language Proficiency (10%):**

- Communicating in English including fluency, pronunciation, and vocabulary usage.
- Understanding instructions and assignments, asking clarifying questions if necessary.
- Using proper grammar, spelling, structure, and coherence in written English.

SPECIALISATION: BIOTECHNOLOGY

SEBASTIAN STOIANOVICH

COURSE DESCRIPTION:

- The Biotechnology course emphasizes the integration of various sciences to tackle real-world problems with a practical approach, fostering critical thinking and innovative problem-solving. Covering essential concepts from biochemistry, neurophysiology, and endocrinology, it encourages interdisciplinary learning. Through hands-on activities, students analyze their own health and lifestyle, developing skills to ask relevant questions, evaluate data, and make informed decisions.

COURSE OBJECTIVES:

By the end of this course, students will:

1. Develop critical thinking skills and understand the scientific approach to solving life's challenges.
2. Form a comprehensive view of a healthy 21st-century individual, learning to analyze personal health issues accurately.
3. Understand and assess their body's responses to external and internal stimuli.
4. Cultivate a tolerant attitude towards people with congenital or acquired health conditions.
5. Engage in discussions on socio-scientific topics, contributing thoughtful perspectives.



ASSESSMENT SYSTEM:

1. Final Exam (100%):

- The assessment system evaluates learning outcomes at the end of each cycle through a final exam, available in written or oral format.
- In some cycles, it may also include an assessment of project work and laboratory skills to comprehensively gauge students' abilities and knowledge.

SPECIALISATION: BUSINESS

ELINA SHUKH

COURSE DESCRIPTION:

- This 10-module business course introduces essential management concepts, from forming a company vision and mission to optimizing business processes. Each module offers practical insights, covering marketing, finance, HR, and quality control, along with hands-on projects and discussions to build real-world skills. By course end, students will be equipped to create effective business systems, drive growth, and scale their ventures.

COURSE OBJECTIVES:

By the end of this course, students will:

1. Develop and implement an effective business system tailored to their unique objectives.
2. Formulate a clear vision, mission, and set of values to guide organizational culture.
3. Optimize business processes, establish an efficient organizational structure, and create a robust financial model.
4. Utilize modern marketing tools and strategies, including social media and personal branding, to increase visibility and engagement.
5. Analyze complex business challenges and make informed decisions to foster sustainable growth and scalability.

ASSESSMENT SYSTEM:

1. Practical Assignments (20%):

- Each module includes a practical assignment designed to apply the concepts learned in real-world scenarios. Tasks may involve creating business plans, developing marketing strategies, or constructing financial models. Each assignment is worth 4% of the total course grade, fostering hands-on experience throughout the modules.

2. Project Work (60%):

- At the end of the course, students complete a comprehensive project that integrates all skills and knowledge gained. This project, which may be done individually or in groups, is evaluated on thoroughness, innovation, practical relevance, and quality of presentation. It encourages synthesis of the course content into a cohesive, actionable business plan or model.

3. Participation in Discussions and Engagement (20%):

- Active participation in class discussions and forums is essential. This component rewards students for contributing thoughtful insights, constructive feedback, and supporting peers. It emphasizes collaboration and critical thinking, vital skills for effective business management.



SPECIALISATION: IT

PERIZAT ALIMKUL

COURSE DESCRIPTION:

- The IT Specialization course provides foundational and advanced skills in web development, covering HTML, CSS, JavaScript, and React. It emphasizes hands-on experience through project work, enabling students to build personal portfolios and applications. The program fosters problem-solving, teamwork, and adaptability, preparing students for the evolving IT industry.

COURSE OBJECTIVES:

By the end of this course, students will:

1. Develop fundamental skills in HTML, CSS, and JavaScript to build responsive and interactive web pages.
2. Gain proficiency in React to create dynamic, component-based applications.
3. Learn and apply version control using Git and GitHub for effective collaboration.
4. Build personal web projects, such as a portfolio, using industry-relevant tools and techniques.
5. Strengthen critical thinking and problem-solving abilities through coding challenges and project-based learning.

ASSESSMENT SYSTEM:

1. Assignments (20%):

- Regular assignments encourage hands-on practice with web development concepts, such as HTML structure, CSS styling, and basic JavaScript functionality.

2. Projects (35%):

- Projects provide an opportunity to integrate and apply skills in larger, practical tasks. Students work on comprehensive web projects, including a personal portfolio and interactive applications.

3. Attendance (15%):

- Active class attendance and participation are essential for collaborative learning, discussions, and peer review, contributing to the overall understanding of the course material.

4. Quizzes (30%):

- Periodic quizzes test students' understanding of core concepts and reinforce learning from modules, covering topics like version control, JavaScript logic, and React basics.



SPECIALISATION: MATHEMATICS

NADIYA KUPCHAK

COURSE DESCRIPTION:

- The Mathematics Specialization course strengthens fundamental mathematical skills necessary for higher education, covering real-world applications of combinatorics, algebra, geometry, and calculus. Students learn to model, analyze, and solve complex mathematical problems using advanced calculation techniques and graphical interpretations. This course bridges Ukrainian and Austrian educational standards, enhancing both technical and analytical competencies.

COURSE OBJECTIVES:

By the end of this course, students will:

1. Develop the ability to construct mathematical models for real-world objects, processes, and phenomena.
2. Perform various mathematical operations, including numerical and percentage calculations, as well as algebraic transformations.
3. Build and interpret function graphs, equations, and inequalities, and explore their properties.
4. Apply derivatives and integrals to solve practical and theoretical mathematical problems.
5. Enhance problem-solving skills in geometry, combinatorics, and probability, along with data interpretation in different formats.

ASSESSMENT SYSTEM:

1. Lesson Engagement (100%):

- Each lesson's total engagement score comprises four components:
 - **Self-Organization (20%):** Evaluates punctuality, preparation, and readiness, including having necessary materials (e.g., notebooks, pens).
 - **Class Activity (40%):** Assesses active participation, responsiveness to teacher guidance, and curiosity in exploring the lesson content.
 - **Notebook Maintenance (20%):** Students are evaluated on the organization and cleanliness of their notebooks, reflecting consistent effort in note-taking.
 - **Individual Work (20%):** Measures independent task completion and the ability to analyze and explain answers, sometimes with minimal teacher assistance.

2. Testing (100%):

- Independent testing is conducted periodically to measure mastery of course content, with a score based solely on test performance.
 - **Cycle Grade Calculation:**
 - *The overall score for each cycle is the average of the lesson engagement and test scores, providing a balanced view of daily performance and periodic assessment.*



ENGLISH (A1-A2)

KEVIN WELLINGTON

COURSE DESCRIPTION:

- The course is designed for beginner to elementary students (A1-A2 level on the CEFR scale) learning English as a second or foreign language. It focuses on providing foundational English skills to young learners and developing their language proficiency in a structured and supportive environment.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Build Foundational Language Skills:** Develop essential listening, speaking, reading, and writing skills in English.
2. **Increase Confidence in Practical Use:** Equip students to engage in simple conversations and apply English in everyday situations.
3. **Foster Cultural Awareness:** Introduce elements of English-speaking cultures to enhance contextual understanding.
4. **Prepare for Exams:** Incorporate exercises that support preparation for beginner-level English proficiency exams.
5. **Develop Pronunciation Skills:** Focus on pronunciation to improve clarity and confidence in spoken English.

ASSESSMENT SYSTEM:

1. Attendance (25%):

- Regular attendance is essential, with this component reflecting students' consistency in showing up and engaging in lessons.

2. Level of Activity/Engagement (25%):

- Assesses students' active participation during lessons, including involvement in discussions, group work, and class exercises.

3. Class Project (25%):

- A practical project allows students to apply their English skills, demonstrating their understanding and ability to work with course concepts.

4. Test (25%):

- Formal tests evaluate students' comprehension and retention of vocabulary, grammar, reading, and listening skills learned throughout the course.



ENGLISH (B1)

RAFAŁ WOŁK

COURSE DESCRIPTION:

- This B1 level English course is designed for intermediate learners seeking to improve communication skills, reading comprehension, and literature appreciation. Emphasizing practical English usage, the course features interactive activities, real-world texts, and literature, with grammar instruction integrated through authentic text analysis for meaningful application.

COURSE OBJECTIVES:

By the end of this course, students will:

1. Communicate effectively in a variety of everyday situations.
2. Understand and analyze intermediate-level texts, including articles, short stories, and excerpts from novels.
3. Develop critical thinking skills through the discussion and interpretation of literature.
4. Apply grammatical rules accurately in both written and spoken English.
5. Enhance vocabulary and pronunciation through continuous practice and exposure to authentic materials.

ENGLISH (B2)

RAFAŁ WOŁK



COURSE DESCRIPTION:

- This B2 level English course is designed for upper-intermediate learners aiming to enhance communication skills, deepen reading comprehension, and explore complex literature. It emphasizes advanced grammar, refined communication techniques, and preparation for higher-level English. The curriculum is built around real-world materials, like books and authentic texts, for practical application.

COURSE OBJECTIVES:

By the end of this course, students will:

1. Communicate fluently and accurately in a variety of complex and professional situations.
2. Analyze and interpret advanced-level texts, including business reports, academic articles, and literature.
3. Develop critical thinking and analytical skills through in-depth discussions and presentations.
4. Master advanced grammatical structures and apply them accurately in both written and spoken English.
5. Expand advanced vocabulary, including business terminology, through continuous exposure to authentic materials.

ENGLISH (C1)

RAFAŁ WOŁK

COURSE DESCRIPTION:

- The C1 level English course is tailored for advanced learners focused on achieving fluency and accuracy in communication. It emphasizes expanding vocabulary, mastering complex grammar, and integrating business English. Real-world materials, like books and business texts, ensure practical skill application in social and professional contexts.

COURSE OBJECTIVES:

By the end of this course, students will:

1. Communicate fluently and spontaneously in a variety of complex situations.
2. Analyze and interpret advanced-level texts, including novels, essays, and technical articles.
3. Develop critical thinking and analytical skills through in-depth discussions of literature.
4. Master advanced grammatical structures and apply them accurately in both written and spoken English.
5. Expand vocabulary and improve pronunciation through continuous exposure to authentic materials.

ASSESSMENT SYSTEM:

1. Attendance (10%):

- Attendance is essential for consistent progress, and this component tracks and encourages regular class attendance.

2. Projects Fulfillment (20%):

- Completion of assigned projects, such as presentations and literary essays, demonstrates students' comprehension and creative application of course materials.

3. Class Participation (15%):

- Active participation in discussions, role-plays, and interactive exercises supports engagement and practical language practice.

4. Utilization of Acquired Skills (20%):

- This measures how well students apply learned grammar, vocabulary, and communication skills in real-life scenarios and class exercises.

5. Group Work (15%):

- Collaborative activities assess teamwork, cooperation, and the ability to communicate effectively in group settings.

6. Class Work (20%):

- In-class exercises, including reading, writing, and speaking tasks, gauge daily understanding and skill retention.



ENGLISH CREATIVE WRITING

RAFAŁ WOŁK

COURSE DESCRIPTION:

- This creative writing course invites young students to explore writing across literary styles, encouraging them to express creativity, develop unique voices, and experiment with genres. Through interactive activities, exercises, and studying diverse texts, students will enhance their writing skills and deepen their appreciation for storytelling.

COURSE OBJECTIVES:

By the end of this course, students will:

1. Write creatively in a variety of literary styles, including fiction, poetry, drama, and non-fiction.
2. Develop their own writing voice and style.
3. Analyze and draw inspiration from classical and contemporary literary works.
4. Build a rich vocabulary and improve their writing mechanics.
5. Understand the cultural and historical contexts of different literary genres.



ASSESSMENT SYSTEM:

1. Continuous assessment through participation in writing exercises and discussions.
2. Written assignments and projects to demonstrate creative writing skills.
3. Peer reviews and feedback sessions to encourage collaborative learning.

HISTORY (GRADES 8-9)

VOLODYMYR POPADIUK

COURSE DESCRIPTION:

- The history course for grades 8-9 covers the main stages of world and Ukrainian history in the 19th century. Students study significant historical events, including revolutions, wars, the formation of nation-states, and social reforms. Special attention is given to industrialization, colonialism, the development of political ideologies, and national liberation movements.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Develop historical awareness:** Understand key events and processes of world and Ukrainian history in the 19th century, analyzing the causes and consequences of significant historical phenomena.
2. **Enhance critical thinking:** Develop the ability to work with historical sources, critically evaluate information, formulate well-reasoned conclusions, and create and defend personal viewpoints with evidence.
3. **Familiarize with historical figures:** Study the roles of notable historical figures and analyze the contributions of political, military, and cultural leaders on historical events.
4. **Build research skills:** Acquire the ability to independently locate and interpret historical sources, conduct research, and prepare comprehensive projects.

HISTORY (GRADE 10)

VOLODYMYR POPADIUK

COURSE DESCRIPTION:

- The 10th-grade history course covers the main stages of world and Ukrainian history from the beginning of the 20th century to the end of World War II. Students study significant historical events, including World War I, revolutions, the interwar period, totalitarian regimes, and World War II. Special attention is given to the impact of these events on Ukraine and the world.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Develop historical awareness:** Understand key events and processes in world and Ukrainian history of the first half of the 20th century, analyzing causes and consequences of significant historical phenomena.
2. **Enhance critical thinking:** Gain skills in working with historical sources, critically evaluating information, and formulating well-reasoned conclusions, while building and defending their own viewpoints.
3. **Familiarize with historical figures:** Study the roles of prominent historical figures and their impact on events, analyzing the contributions of political, military, and cultural leaders.
4. **Build research skills:** Acquire the ability to independently find and interpret historical sources, conduct historical research, and prepare comprehensive projects.

HISTORY (GRADE 11)

VOLODYMYR POPADIUK

COURSE DESCRIPTION:

- The course covers key events and phenomena that shaped world history in the second half of the 20th century, with a focus on Ukraine's role in this context. Students study periods such as the Cold War, decolonization, the development of human rights, social movements, and globalization and its consequences. Emphasis is placed on Ukraine's journey from independence struggles to global integration.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Develop historical awareness and a global perspective:** Understand key events shaping the modern world and analyze their impact on contemporary worldviews.
2. **Enhance critical thinking and analysis:** Work with diverse historical sources and form personal viewpoints on significant events.
3. **Embrace democratic values and human rights:** Study the importance of human rights, social movements, and active citizenship.
4. **Explore cultural history:** Examine how culture, art, and ideology influence society and the role of cultural heritage in national identity.
5. **Build research skills:** Conduct independent research, critically evaluate information, and develop well-supported conclusions.

ASSESSMENT SYSTEM:

1. Tests (30%):

- Regular assessments to evaluate students' understanding of historical content, critical thinking, and analytical skills.

2. Notes (30%):

- Evaluation of note-taking quality, including organization, completeness, and the use of various techniques such as mind mapping.

3. Class Participation (30%):

- Active involvement in class discussions, presentations, and engagement in activities.

4. Bonuses (10%):

- Additional points awarded for exceptional contributions, extra projects, or consistent improvement.



INFORMATICS (CLIL ENGLISH WITH IT)

PERIZAT ALIMKUL

COURSE DESCRIPTION:

- The CLIL English with IT course combines foundational computer science and digital literacy with English language skills. It focuses on applying technology effectively in real-world scenarios while reinforcing English comprehension and communication through tech-focused content. The course prepares students to use digital tools confidently and responsibly in everyday tasks.

COURSE OBJECTIVES:

By the end of this course, students will:

- 1. Understand Computer Basics and IT Vocabulary:** Learn essential informatics components, terminology, and English vocabulary related to IT.
- 2. Enhance Digital Literacy and Productivity:** Master essential digital tools, keyboard shortcuts, typing techniques, and productivity applications.
- 3. Develop Computational Thinking and Problem-Solving Skills:** Strengthen problem-solving abilities through numeric systems, basic programming, and logical reasoning.
- 4. Build App and Web Development Skills:** Create simple apps and web pages using tools like Thunkable, HTML, and CSS, promoting creativity with digital design tools like Canva.
- 5. Encourage Digital Well-Being and Self-Management:** Understand digital stress management, time organization, and effective task handling through digital projects.

ASSESSMENT SYSTEM:

1. Attendance (15%):

- Regular class attendance and active participation in discussions are essential for building confidence in both English and IT skills.

2. Project (50%):

- A project where students create a digital presentation or poster, demonstrating their understanding of computer basics, digital literacy, and creative design tools.

3. Vocabulary Exam (35%):

- An exam focused on IT-related English vocabulary to assess students' comprehension and correct usage of terminology learned throughout the course.



MATHEMATICS (GRADE 9)

NADIYA KUPCHAK

COURSE DESCRIPTION:

- The 9th Grade Mathematics course combines algebra and geometry topics from the Ukrainian model program. It aims to foster students' natural abilities, build essential mathematical competencies, and support personal growth through critical thinking and problem-solving. This course also encourages social responsibility, preparing students for advanced education, career readiness, and respect for cultural and environmental values.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Develop communication and collaboration skills:** Engage effectively with peers and adults in educational and creative activities, enhancing teamwork and social skills.
2. **Master clear expression and argumentation:** Articulate ideas clearly in oral and written forms, build logical arguments, and participate actively in discussions.
3. **Appreciate mathematics as a core discipline:** Understand the importance of mathematics in human development and its role across other sciences.
4. **Enhance creative and critical thinking:** Demonstrate initiative and problem-solving skills, with the ability to critically evaluate processes and outcomes.
5. **Foster self-motivation and responsibility:** Commit to lifelong learning and personal growth, with respect for mathematical thought and inquiry.



MATHEMATICS (GRADE 10)

NADIYA KUPCHAK

COURSE DESCRIPTION:

- The 10th Grade Mathematics course covers topics in algebra, introductory analysis, and geometry, following the Ukrainian standard curriculum. This course aims to develop students' mathematical skills and competencies necessary for socialization, critical thinking, and civic engagement. It prepares students for advanced studies, career readiness, and fosters respect for cultural and environmental values.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Build mathematical competence:** Develop foundational knowledge and skills in mathematics for academic and professional success.
2. **Enhance problem-solving abilities:** Apply mathematical principles to solve theoretical and practical problems.
3. **Strengthen logical thinking:** Improve logical reasoning and cognitive skills through mathematical exploration.
4. **Recognize the value of mathematics:** Understand the role of mathematics in personal, societal, and global contexts.
5. **Prepare for lifelong learning:** Integrate mathematical competencies with other skills for continuous personal and professional growth.

MATHEMATICS (GRADE 11)

NADIYA KUPCHAK

COURSE DESCRIPTION:

- The 11th Grade Mathematics course includes topics in algebra, introductory analysis, and geometry, based on the Ukrainian standard curriculum. The course aims to build students' mathematical competencies, supporting personal growth and critical thinking skills necessary for academic and professional success. Additionally, it encourages the social responsibility, fostering respect for the society and the environment.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Develop mathematical competence:** Gain a solid foundation in mathematical knowledge and skills, essential for academic and professional success.
2. **Enhance problem-solving skills:** Apply mathematical concepts to solve both theoretical and real-world problems effectively.
3. **Strengthen logical and critical thinking:** Improve cognitive abilities through the development of logical reasoning and analytical skills.
4. **Understand the applications of mathematics:** Recognize the relevance of mathematics in personal, social, and global contexts.
5. **Prepare for lifelong learning and adaptability:** Build competencies that support continuous personal and professional growth, fostering resilience and adaptability.

ASSESSMENT SYSTEM:

1. Lesson Engagement (100%):

- Each lesson's total engagement score comprises four components:
 - o **Self-Organization (20%)**: Evaluates punctuality, preparation, and readiness, including having necessary materials (e.g., notebooks, pens).
 - o **Class Activity (40%)**: Assesses active participation, responsiveness to teacher guidance, and curiosity in exploring the lesson content.
 - o **Notebook Maintenance (20%)**: Students are evaluated on the organization and cleanliness of their notebooks, reflecting consistent effort in note-taking.
 - o **Individual Work (20%)**: Measures independent task completion and the ability to analyze and explain answers, sometimes with minimal teacher assistance.

2. Testing (100%):

- Independent testing is conducted periodically to measure mastery of course content, with a score based solely on test performance.
 - **Cycle Grade Calculation:**
 - *The overall score for each cycle is the average of the lesson engagement and test scores, providing a balanced view of daily performance and periodic assessment.*



POLISH (A1)

KRYSTYNA SCHMIDT

COURSE DESCRIPTION:

- The A1 Polish Language Course is designed for students who are beginning their studies in Polish. The course focuses on developing foundational communication skills in listening, reading, speaking, and writing, while introducing students to Polish culture and daily life. Interactive lessons encourage active participation and can be adapted to students' interests.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Develop foundational communication skills:** Use basic Polish phrases and expressions for everyday interactions, enabling smooth communication in familiar contexts.
2. **Express personal information confidently:** Introduce themselves and others, and ask and answer questions on personal topics, such as residence, friends, and possessions.
3. **Enhance listening and comprehension abilities:** Understand slow and clear speech in Polish, especially in conversations where the speaker offers support or clarification.
4. **Build confidence in spoken interactions:** Engage in simple Polish conversations, sharing opinions and responding appropriately with basic vocabulary.
5. **Gain cultural awareness:** Recognize and appreciate key social and cultural aspects of life in Poland, enhancing context-based communication.

POLISH (A2)

KRYSTYNA SCHMIDT

COURSE DESCRIPTION:

- The A2 Polish Language Course is designed for students with basic Polish knowledge, aiming to develop their language skills to an elementary level. The course emphasizes building communication skills in listening, reading, speaking, and writing, along with a deeper understanding of Polish culture and daily life. Interactive lessons promote active participation, with content adaptable to students' interests.

COURSE OBJECTIVES:

By the end of this course, students will:

- 1. Develop communication skills in Polish:** Engage in simple, routine interactions, effectively using Polish in everyday conversations.
- 2. Express personal information and needs:** Describe their background, environment, and daily needs, with vocabulary relevant to common topics like family, work, and shopping.
- 3. Enhance listening comprehension:** Understand familiar and straightforward conversations, especially on routine subjects.
- 4. Build confidence in expressing thoughts:** Communicate ideas and feelings clearly in spoken and written Polish, covering a range of personal and social topics.
- 5. Gain cultural insights:** Deepen understanding of social and cultural aspects of life in Poland, promoting more context-aware communication.

POLISH (B1)

KRYSTYNA SCHMIDT

COURSE DESCRIPTION:

- The B1 Polish Language Course is designed for students advancing their Polish skills, following prior A2-level study. This course emphasizes developing effective communication across all language skills—listening, reading, speaking, and writing—with a focus on expressing ideas clearly and understanding cultural nuances. Interactive activities engage students in real-life contexts, promoting confidence and fluency in both personal and social interactions.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Strengthen communication skills in Polish:** Engage in typical conversations related to everyday life, such as education, work, and leisure, with confidence and clarity.
2. **Express personal experiences and ideas:** Create coherent spoken and written statements on familiar topics, describing personal experiences, plans, and opinions with supporting details.
3. **Enhance comprehension abilities:** Understand the main points in clear, standard Polish on common topics, enabling meaningful participation in social and professional contexts.
4. **Build confidence in Polish cultural contexts:** Navigate various cultural and social situations in Poland, understanding customs and traditions relevant to daily interactions.
5. **Develop critical thinking in language use:** Apply language skills flexibly to discuss personal and community matters, demonstrating the ability to explain, justify, and clarify viewpoints.

ASSESSMENT SYSTEM:

1. Participation and Activity (25%):

- Regular attendance, active class participation, and completion of a supplemental or review project, individually or in groups, once per cycle.

2. Knowledge and Skills (75%):

- **Listening Comprehension:** Active listening, vocabulary knowledge, and understanding spoken information.
- **Reading Comprehension:** Text comprehension, vocabulary knowledge, and familiarity with Polish cultural contexts.
- **Oral Expression:** Communication skills, opinion expression, and clear oral statements, including basic spelling ability.
- **Writing Skills:** Effective written communication, expressing thoughts and opinions clearly in writing.
- **Grammar:** Knowledge and correct application of grammatical rules.



POLISH (B1-B2)

MAGDALENA RAWSKA

COURSE DESCRIPTION:

- The B1/B2 Polish Language Course builds proficiency for confident communication in both everyday and abstract topics. Using task-based activities and authentic materials, students develop all language skills and engage in discussions. The course prepares students for effective social and cultural interactions in Polish.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Communicate effectively in Polish:** Engage in both everyday and abstract conversations, express opinions, participate in discussions, and make arguments.
2. **Develop all language skills:** Enhance speaking, listening, reading, and writing skills through a task-based and intercultural approach for independent learning.
3. **Immerse in Polish cultural and social contexts:** Use authentic materials to practice language in real-life situations and understand Polish literature within its socio-historical background.
4. **Cultivate empathy, collaboration, and responsibility:** Build sensitivity to others' perspectives, work effectively in teams, and take initiative in independent learning, recognizing and addressing personal learning needs.
5. **Gain familiarity with Polish written genres:** Explore various written forms in Polish, developing versatility in expressing ideas through different styles and formats.

ASSESSMENT SYSTEM:

1. Preparedness (10%):

- Students bring the required textbook and notebook to each lesson.

2. Attendance (20%):

- Regular attendance, excluding absences due to illness.

3. Active Participation (30%):

- Engagement and active involvement in class activities.

4. Project Completion (20%):

- Timely submission of a valuable project that meets course standards.

5. Mid-cycle Test Results (20%):

- Performance on periodic tests conducted throughout the course.

PSYCHOLOGY DISCUSSION CLUB

ALINA CHETVERYK-BURCHAK

COURSE DESCRIPTION:

- The Psychology Discussion Club course provides a safe space for students to explore psychological concepts and gain a deeper understanding of themselves and others through discussions on topics like social psychology, emotional dependence, and communication patterns. The course fosters self-awareness, empathy, and constructive dialogue, enhancing students' abilities to handle various social and emotional challenges.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Gain self-awareness and personal insight:** Understand their own emotions, thoughts, and behaviors, fostering a better sense of self.
2. **Develop empathy and social understanding:** Recognize and appreciate others' perspectives, enhancing interpersonal relationships.
3. **Build critical thinking skills:** Analyze psychological concepts and societal phenomena with a thoughtful and reflective approach.
4. **Enhance communication abilities:** Engage in constructive discussions, express ideas clearly, and listen actively to peers.
5. **Apply psychological knowledge to real-life situations:** Utilize insights from topics like emotional dependence and group dynamics to handle social and emotional challenges effectively.



ASSESSMENT SYSTEM:

1. Attendance (20%):

- Regular class attendance to ensure active participation and consistency in learning.

2. Self-Organization and Self-Regulation (10%):

- Demonstrated ability to manage time, stay organized, and regulate emotions during class activities.

3. Engagement in Individual Work (20%):

- Active involvement in individual tasks and exercises during class.

4. Participation in Group Work (20%):

- Effective collaboration and contribution to group activities and discussions.

5. Final Test/Project Preparation (30%):

- Completion of a final test or project that demonstrates understanding of course material and application of psychological concepts.

SOCIAL SCIENCE

PIOTR KUŚMIERSKI

COURSE DESCRIPTION:

- The Social Science course for high school students offers an interdisciplinary foundation in psychology, sociology, political science, and law. It prepares students for active, responsible participation in public life, fostering empathy, independence, and social responsibility. Emphasizing civic competence, the course equips students to make informed decisions, engage in community initiatives, and value democracy and human rights.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Understand social and political structures:** Explain social life, recognize roles in public life, and understand democracy, human rights, and legal systems.
2. **Gather and interpret information:** Acquire and analyze information on social and political topics, forming informed opinions from diverse sources.
3. **Develop civic awareness and responsibility:** Build civic duty, understand human rights, recognize social issues, and assess solutions locally and globally.
4. **Enhance communication and teamwork:** Discuss and defend viewpoints respectfully, work well in teams, and engage with public institutions.
5. **Promote diversity and democratic values:** Embrace tolerance, counter discrimination, and value human dignity, heritage, and democratic principles.

ASSESSMENT LEVELS:

1. Initial Level:

- Partial understanding of instructions, incomplete curriculum knowledge, and basic task completion with guidance.

2. Basic Level:

- Follows instructions, has foundational knowledge, completes tasks independently, retrieves information, and actively participates in group work.

3. Satisfactory Level:

- Demonstrates solid curriculum knowledge, interprets data, presents ideas clearly, applies knowledge in daily life, and engages actively in discussions.

4. High Level:

- Shows thorough curriculum knowledge, independently researches, analyzes events, creatively solves problems, leads group work, and evaluates social contexts.



SPORTS: MULTISPORT

JOHAN CONRADIE

COURSE DESCRIPTION:

- The Multisport Physical Education course offers students a dynamic mix of indoor and outdoor activities, including stretching, basketball, volleyball, boxing, and fitness. This course focuses on improving physical health, flexibility, strength, and teamwork through diverse sports and fitness routines. Students develop lifelong skills in physical fitness, coordination, and resilience in a supportive, team-oriented environment.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Enhance physical fitness:** Improve strength, flexibility, and endurance through consistent participation in stretching, fitness routines, and sports.
2. **Develop team sports skills:** Learn the fundamentals of basketball and volleyball, including teamwork, strategy, and coordination.
3. **Build personal discipline and resilience:** Cultivate self-discipline, perseverance, and mental focus through activities like boxing and fitness exercises.
4. **Improve coordination and agility:** Engage in activities that foster balance, agility, and motor skills essential for physical well-being.
5. **Adopt health habits:** Establish a foundation for an active lifestyle, understanding the value of regular physical activity for long-term health.

ASSESSMENT SYSTEM:

1. Attendance (20%):

- Regular attendance to ensure active participation in all activities.

2. Indoor Activities (30%):

- Engagement and skill improvement in indoor sports and exercises, including stretching, basketball, and volleyball.

3. Outdoor Activities (30%):

- Participation and performance in outdoor physical activities, focusing on sports that enhance endurance and agility.

4. Fitness (20%):

- Consistent effort and progress in fitness routines, covering strength, flexibility, and overall physical conditioning.



SPORTS: STRETCHING

PERIZAT ALIMKUL

COURSE DESCRIPTION:

- The Stretching Course aims to improve flexibility, relaxation, and physical performance through progressive stretching techniques. Based on various methods, it covers basic to advanced stretches and breathing practices. Students develop safe, effective habits for long-term flexibility and well-being.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Learn basic and advanced stretching:** Develop foundational and advanced stretching skills to enhance flexibility and ensure safety.
2. **Incorporate relaxation and breathing:** Use relaxation techniques and breathing exercises to deepen the benefits of stretching.
3. **Personalize and integrate routines:** Create individualized stretching routines and effectively combine stretching with other fitness exercises.
4. **Build body awareness:** Recognize personal limits and adjust practices to suit their physical capabilities.
5. **Develop flexibility habits:** Establish consistent stretching practices that promote long-term physical health and well-being.



ASSESSMENT SYSTEM:

1. Attendance (50%):

- Consistent attendance to ensure regular practice and progress in stretching skills.

2. Class Engagement (50%):

- Involves active participation, demonstrated improvement in stretching techniques, development of flexibility, and completion of personalized routines aligned with individual goals.

STEM (GRADE 9)

SEBASTIAN STOIANOVICH

COURSE DESCRIPTION:

- The 9th Grade STEM Course integrates chemistry, physics, and biology to address real-world problems through an interdisciplinary approach. Emphasizing hands-on learning, the course develops critical thinking, practical skills, and innovation. Students gain experience in data analysis, decision-making, and creative problem-solving through experiments and modeling.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Develop a scientific understanding of the world:** Gain foundational knowledge in natural laws, biochemical processes, and environmental science.
2. **Enhance critical thinking skills:** Approach real-life problems scientifically, analyzing and solving them through evidence-based reasoning.
3. **Improve knowledge of the human body and health:** Understand bodily functions, health, and the causes of common deviations from health.
4. **Analyze physical and chemical processes:** Study and interpret natural phenomena using scientific methods.
5. **Foster an interest in scientific disciplines:** Build a strong base of scientific knowledge to inspire curiosity and future learning in STEM fields.

STEM (GRADES 10-11)

SEBASTIAN STOIANOVICH

COURSE CONDUCTED IN 

COURSE DESCRIPTION:

- The STEM Course for Grades 10-11 integrates chemistry, physics, and biology to solve real-world problems, emphasizing critical thinking and innovation. With hands-on learning and interdisciplinary approaches, students develop skills in data analysis, modeling, and problem-solving. This course prepares students to understand scientific principles and apply STEM concepts practically in complex, real-life scenarios.

ASSESSMENT SYSTEM:

1. Final Exam (100%):

- The assessment system evaluates learning outcomes at the end of each cycle through a final exam, available in written or oral format.
- In some cycles, it may also include an assessment of project work and laboratory skills to comprehensively gauge students' abilities and knowledge.

UKRAINIAN LITERATURE DISCUSSION CLUB

OKSANA POPADIUK

COURSE DESCRIPTION:

- The Literary Discussion Club Course for Grades 9-11 helps students develop critical thinking, cultural awareness, and analytical skills through reading and discussing significant literary works. Students explore various genres, understand socio-cultural contexts, and enhance their ability to articulate arguments. The course encourages a lifelong appreciation of literature and cultivates respect for cultural heritage and intellectual curiosity.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Develop critical and independent thinking:** Cultivate the ability to analyze literary works, form personal interpretations, and appreciate aesthetic qualities.
2. **Understand literary processes and genres:** Gain knowledge of literary epochs, styles, and genres in the context of Ukrainian and global history.
3. **Enhance literary analysis skills:** Apply various strategies for analyzing translated and original works, deepening theoretical understanding and critical analysis.
4. **Improve language proficiency:** Strengthen native language skills through the interpretation of Ukrainian translations of literary works.
5. **Engage in research and scholarly work:** Practice preparing reports, writing essays, and developing research skills within the field of literature.



ASSESSMENT SYSTEM:

1. Attendance (20%):

- Regular attendance to ensure active participation in discussions and activities.

2. Discussion Activity (50%):

- Engagement and contribution to class discussions, demonstrating understanding and analytical skills.

3. Written Work (30%):

- Evaluation based on tests, essays, or text analysis tasks to assess comprehension and critical thinking.

PROJECTS



DESCRIPTION:

- Projects form the core of the school curriculum, incorporating both traditional and agile methodologies. In agile project-based learning, students actively participate in team-based projects, applying principles from agile software development to various domains such as science, arts, culture, and everyday life. This approach promotes active learning, involving students in research, problem-solving, decision-making, and execution throughout the project.

ASSESSMENT SYSTEM:

- Students participate in weekly sprint defences to the Product Owner with the final defence of their project, evaluated against set criteria at the end of the study cycle, which is followed by a school-wide projects presentation. Each project contributes to the general fulfilment plan with a value ranging from 40% to 75%, and students collaboratively allocate this percentage within the team based on individual impact.



OBJECTIVES:

Through this framework, students acquire key competences:

1. **Flexibility and Adaptability.** Agile methodologies foster flexibility in project planning and execution, enabling students to adjust goals and strategies based on feedback and changing requirements.
2. **Collaboration.** Working in cross-functional teams, students develop communication, problem-solving, and interpersonal skills to achieve project objectives.
3. **Communication.** Students will learn effective debate skills, expressing their viewpoints while remaining open to others' opinions and reaching agreements.
4. **Critical thinking.** The approach provides real-world experience, simulating project environments to enhance students' critical thinking skills for future careers.
5. **Self-regulation.** Students will develop the ability to prioritise, plan, support, and find inspiration independently.
6. **Creativity.** Due to the absence of a ready-made solution in the project framework, students actively seek new solutions, fostering the ability to think outside the box and stimulating creativity.

SPECIAL COURSE: CAREER CONSULTING

IRYNA RABCHUN

CONDUCTED IN 

FOR GRADES 10-11

COURSE DESCRIPTION:

- This course aims to create a supportive environment where students can identify and explore their interests, strengths, and personal values. It focuses on uncovering a wide range of opportunities in the professional world, understanding the importance of self-assessment, and developing skills necessary for a successful future career.

COURSE OBJECTIVES:

By the end of this course, students will:

1. Develop and adeptly apply critical thinking, communication, and interpersonal skills, essential in today's job market.
2. Gain a clear understanding of their aspirations and the paths to achieve them through informed professional choices.
3. Acquire knowledge about production organisation, modern equipment, technologies, key professions, and their requirements, and be capable of applying this knowledge practically.
4. Comprehend, analyse, and draw conclusions regarding market trends, technological advancements, and opportunities for self-development and career growth.
5. Prepare a list of chosen specialties and higher education institutions for future enrollment, equipped with a well-crafted motivational letter.

COURSE DESCRIPTION:

- The Nutrition Science Course is a 12-lesson program, covering essential nutrition topics like macronutrients, vitamins, and dietary planning. It includes guidance on balanced diets, special dietary needs, and sustainable eating habits, empowering students to make informed food choices.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Understand essential nutritional concepts:** Learn about macronutrients, vitamins, and minerals crucial for a balanced diet.
2. **Make informed dietary choices:** Apply knowledge of healthy eating to create balanced meals and understand dietary needs, including special conditions like celiac disease.
3. **Analyze the impact of diet on health:** Understand the effects of various foods and dietary habits on physical and mental health.
4. **Develop sustainable eating habits:** Adopt habits that support long-term health, emphasizing sustainable and plant-based options.
5. **Plan and adapt diets:** Create personalized diet plans that consider lifestyle, health conditions, and nutrition goals.

COURSE DESCRIPTION:

- The Public Speaking Course equips students with skills to communicate confidently, covering stage fright, voice control, speech structure, and audience engagement. Through practical exercises, students develop persuasive speaking abilities, culminating in a final presentation.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Overcome stage fright:** Develop techniques to manage anxiety and build confidence in public speaking settings.
2. **Master voice control:** Improve articulation, projection, and tone modulation to deliver clear and engaging speeches.
3. **Structure speeches effectively:** Learn to organize content logically, with a compelling introduction, body, and conclusion.
4. **Engage with the audience:** Use body language, eye contact, and rhetorical techniques to maintain audience interest.
5. **Deliver persuasive presentations:** Apply all skills in a final presentation, demonstrating mastery of public speaking techniques.

COURSE DESCRIPTION:

- The course is designed to equip students with essential knowledge and skills for effective leadership in a democratic society. Emphasising ethical decision-making, accountability, teamwork, and empathy, the course employs interactive discussions, scenario analysis, and practical exercises to enhance students' grasp of responsible leadership and its practical application.

COURSE OBJECTIVES:

By the end of this course, students will:

1. Define responsible leadership and understand its significance in a democratic environment, recognizing the ethical implications of leadership decisions and actions.
2. Develop effective communication and collaboration skills, enabling them to work efficiently in diverse teams. They will apply critical thinking and problem-solving methods to address challenges within democratic frameworks.
3. Recognize and respect diverse perspectives and opinions within a democratic society, fostering empathy and understanding for different individuals and communities.
4. Identify personal needs and cultivate an awareness of how to set SMART goals.
5. Acquire facilitation skills and engage in reflective practices to assess their leadership style, strengths, and areas for growth.

SPECIAL COURSE: FIRST AID

MAŁGORZATA WIŚNIEWSKA

COURSE CONDUCTED IN 

COURSE DESCRIPTION:

- The First Aid Course equips students with essential skills to respond effectively in health and safety emergencies. Covering topics such as anatomy basics, risk assessment, CPR, and AED use, the course focuses on developing practical skills and stress management under pressure. Students gain the knowledge needed to make informed decisions and ensure safety in real-life situations.

COURSE OBJECTIVES:

By the end of this course, students will:

1. **Master emergency response skills:** Develop the ability to assess situations and respond effectively to health and safety threats.
2. **Acquire risk assessment and decision-making skills:** Gain competencies in evaluating risks and making sound decisions in crisis situations.
3. **Understand the value of health and safety:** Recognize the importance of life, health, and a healthy lifestyle.
4. **Promote responsibility and ethical practices:** Learn to act with responsibility and ethics in rescue efforts.
5. **Prepare for independent action in emergencies:** Become equipped to handle emergencies with a focus on personal and public safety.

COURSE DESCRIPTION:

- This course, designed for approximately 3 months, thoroughly prepares students for the IELTS exam. Through detailed exploration of each section (reading, listening, speaking, writing), interactive group activities, practice sessions, mock tests, and personalised feedback, participants gain the essential skills and confidence needed to successfully take the exam.

COURSE OBJECTIVES:

By the end of this course, students will:

1. Acquire effective strategies for various IELTS exam tasks, enhancing time management and optimising performance.
2. Develop critical thinking and analytical skills through extensive practice and targeted approaches to each exam section.
3. Improve overall proficiency in English, with a focus on reading, listening, speaking, and writing skills.
4. Receive personalised feedback and guidance based on individual performance in mock tests.

SPECIAL COURSES:

- CAREER CONSULTING (GRADES 10-11)
- CONTENT CREATION
- CRITICAL THINKING
- CULTURELAND
- ECONOMICS
- EUROPEAN STUDIES
- FIRST AID
- NEUROPHYSIOLOGY
- NUTRITION SCIENCE
- PUBLIC SPEAKING
- RESPONSIBLE LEADERSHIP
- TAX SYSTEM OF POLAND



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