

S6-S7 CHOICE OF SUBJECTS 2026-2028

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ART 4

Optional course
4 periods per week

In S6 and S7 the art 4 period course is a valuable opportunity for students to develop their individual creative potential through personal research and investigation and through project-based practical work.

Objectives

The subject of Art in European schools means **Visual Arts**. Visual arts contain the complex process of perception, reflection, and interpretation of the world around us and result in the creation of images. This process and the resulting products are the main working areas of the subject art.

Content

When choosing art as a 4-period option in S6 and S7 the student may opt to do the practical art exam at the baccalaureate. All exams in this cycle follow the baccalaureate exam format with four regular art lessons of preparation time. In S6 the set time for the final work is 5 periods (225 minutes), in S7 it is 5 hours (300 minutes). The projects during the year also follow the structure of the required working process: research in the art book, separately presented preparatory work, final work, and written statement. In year 6 the teacher decides on the themes in collaboration with the students. The projects proposed on these themes cover different art areas and techniques. An overview of the art of the 19th and 20th centuries and of contemporary tendencies is given within years 6 and 7.

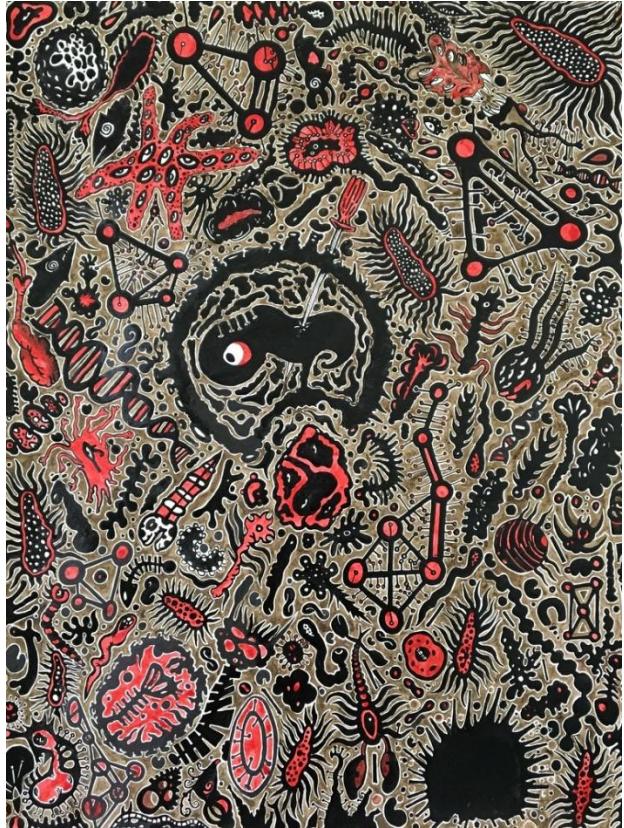
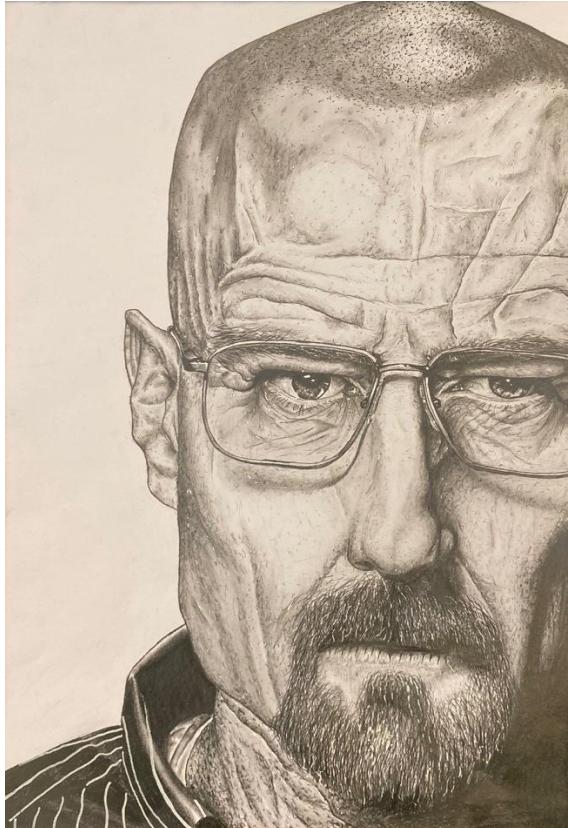
Reference to previous art periods and styles is possible whenever necessary. In the 4-period art option, art history and theory are taught to inform practical art making and not as a separate subject. In year 7 the content follows the requirements of a given year theme common to all European schools that will also be the theme of the baccalaureate exam in art. This theme is chosen from the proposals sent in from all art teachers of S6/7 in the European schools.



Artworks of S7 students. Year theme: Animals and Us

Contact

For further information, please contact your Art teacher or the Art coordinator, Mr Christos Koutsoukis (christos.koutsoukis@teacher.eursc.eu).



Artworks of S6 students. On the left "Facial Expressions". On the right "Biomorphic Forms"

BIOLOGY

Optional course
4 periods per week

Pupils choosing this option should have been successful in the S4-S5 compulsory course and be prepared to take on a greater degree of complexity in content and approach, including mathematical competences. Students considering higher studies in science are recommended to take the Chemistry option course as well.

Objectives

- The 4-period biology course is designed for pupils with an interest in studying the science at a more advanced level, whether for personal interest or as preparation for university studies in Biology, Medicine, or other scientific disciplines Biochemistry, Agriculture, Physiotherapy, Neuroscience, Pharmacology, Food science, Environmental science, Sport science, Veterinary science, Psychology,
- Content topics are used to learn general key competences, to acquire specific scientific and mathematical competences, and to connect across disciplines with cross-cutting concepts, as modelled in the Next Generation Science Standards from the United States National Science Teachers Association
- The specific scientific competences to be acquired by students are: knowledge and comprehension, application, analysis, practical work, digital and information competences, communication (oral and written), teamwork.
- Certain cross cutting concepts are shared by all mathematics and science: patterns, cause and effect, quantification, representing data, scale, proportion, and quantity, systems and system models, energy and matter, structure and function, stability and change, history and nature of science.
- Globally, students should develop awareness of the environment and learn to act as responsible citizens with respect to it.

Content

In year 6

- Cell Scale - Cells as the fundamental organising units of organisms. The fundamentals of biochemistry. In-depth study of three crucial aspects of life at the cellular scale: membranes, enzymes, and the central role of ATP in energy transfer.
- Human Scale – How the nervous system coordinates and controls the actions and interactions of vertebrates, including humans. The brain as the location of learning, memory, and consciousness.
- Time Scale – Consideration of biological phenomena over two time scales: the scale of individual reproduction and inheritance, comprising molecular, Mendelian, and chromosomal genetics and the scale of evolution, comprising an enriched understanding of the action of natural selection, and the construction of evolutionary phylogenies.
- Planet Scale – An introduction to ecological theory, practice, and modelling. A grounding in population ecology. Repercussions of human effects on ecologies at scales from local to global, and possible solutions to anthropogenic problems.

In year 7

- Cell Scale – Building on the basics of cell biology give an overview of the fundamental metabolic pathways common to all cells: ATP and protein synthesis.
- Human Scale – How vertebrates, including humans, defend the integrity of the self against threats from within and without. Disease as a phenomenon of populations, and how it can be combatted through human ingenuity and cooperation
- Time Scale – The recognition that, while DNA provides the information underlying an organism's development, its individual life history is shaped by epigenetic factors. Addition of a mathematical modelling perspective to a population-based understanding of evolution.

- Planet Scale – pupils add the perspective of ecosystems analysis, modelling energy and matter flows, and apply these models to human issues (e.g., anthropogenic climate change, pollution, sustainable agriculture).

Contact

For further information, please contact your Biology teacher.

CHEMISTRY

Optional course
4 periods per week

This course is open to all students that have shown an interest in chemistry and have completed the 5th year course, **ideally with a “good” grade or better**. Students should be open minded to be able to apply knowledge and understanding to new situations. It is recommended to students that have a taste for manipulation and for interpreting the results of experiments. The analysis of results implies the **use of mathematical techniques**.

The skills that the chemistry course will develop and consolidate are thus varied and transferable for a broad range of university degrees from accounting to zoology. A chemistry Bac is proof that these skills are present at a high level.

Students must have confidence in their application of mathematical techniques studied in the 6 period mathematics maths course. Even so, the 5 period maths option is not essential for this course, and it is also possible to follow this course, albeit requiring more effort, after following the 4 period maths course in 5th year.

Objectives

- This chemistry course completes and goes into a more in-depth study than the previous years. Experiments, manipulations and the use of the scientific method are at the heart of this course.
- This course offers students a solid base for higher studies in chemistry, medicine, pharmacology and biology. Chemistry is a requirement to study medicine and life science related studies at most universities.
- The course also provides knowledge useful for students interested in physics, engineering, material science and environmental studies. The course aims to make students aware of the complexities of chemistry and its interdependence with other subjects, to develop students' capacity to evaluate objectively the impact of chemistry on social, economic and environmental issues.

Content

In year 6

- Structure of the atom and the periodic table
- Chemical bonds
- Thermodynamics
- Rates of reactions
- Organic chemistry (structure and properties of the hydrocarbons -alkanes, alkenes, alkynes, benzenes)

In year 7

- Chemical equilibria
- Acids and bases (pH, pKa, titrations)
- Electrochemistry (redox reactions, electrolysis, electrochemical cell)
- Organic chemistry (alcohols, aldehydes, ketones, carboxylic acids, lipids, detergents, amines, amino acids, aspirin, mechanisms)

Contact

For further information, please contact your Chemistry teacher.

CLASSICAL STUDIES

Complementary course
2 periods per week

All students can choose this course. To follow the course of **Classical Studies: Myth and Society** is a sign of taking an independent step: a sign of autonomy, originality and creativity, reaching beyond fashion and conformity, and far from a utilitarian view of education. Knowledge of the ancient world contributes in a decisive and original manner to the development of the key competences for education and for a life-long education.

By attending this course, the students will have the chance to understand the impact of antiquity on modern culture, compare modern art (paintings, novels, poetry, theatre, cinema, etc.) to ancient art, and become acquainted with the influence of ancient art forms and ideas on our culture today. Most importantly, students will have the chance to develop their analytical thinking discussing topics of philosophical, psychological and sociological concern, related to everyday life.

Objectives

Over the course of S6 & S7, students should develop skills in:

- Consulting different sources (archaeology, epigraphy, literary and non-literary texts, images)
- respecting the different nature of each one.
- Recognising and using in a critical way available resources for the ancient world, including digital resources.
- Developing the relations between the ancient languages and other modern languages
- Putting in perspective with nuance and precision the heritage and reception of Antiquity in its different manifestations and modes of expression
- Presenting a research project or analysis giving a personal point of view.

Content

The course of **Classical Studies: Myths and Societies** will take place over a period of two years. Each programme should be covered in the year concerned (S6 and S7). All the topics should be covered but the teacher may:

- a) decide on the way they will be treated
- b) decide the order in which the topics are covered.

6th Year

- Men and Gods: psychological journeys
- Masculine/feminine: sex and desire
- The Mediterranean: travel, exploration, discovery

7th Year

- The gods in the city: religion and belief
- The Tragic Family
- The Mediterranean: conflicts, influences and exchanges

Contact

For further information, please contact Ms Vasiliki Knitou (vasiliki.knitou@teacher.eursc.eu).

DIGITAL ART (SPECIALISED ART LAB)

Complementary course
2 periods per week

Objectives

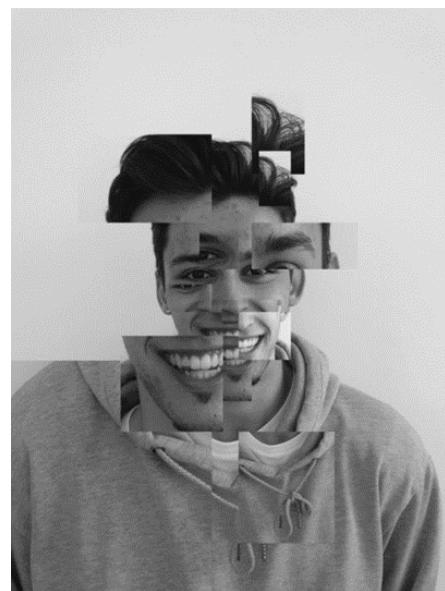
This complementary course gives students the opportunity to develop their potential in more specific areas of visual arts and is based on practical projects. It covers different content than a general art course and can be combined with the Art 4 period option.



Work of S7 students inspired by the photographer Pep Ventosa. Working with layers

Content

The content of this course helps the students to learn contemporary computer-based techniques of image production. It is a practical course in photography and computer art that is mostly based on the programs of the Adobe Creative Suite (Photoshop, Illustrator, In Design, Lightroom). The structure for the infographics course in S6 is capturing reality through photography and film, and in S7 re-creating reality through computer art and design.



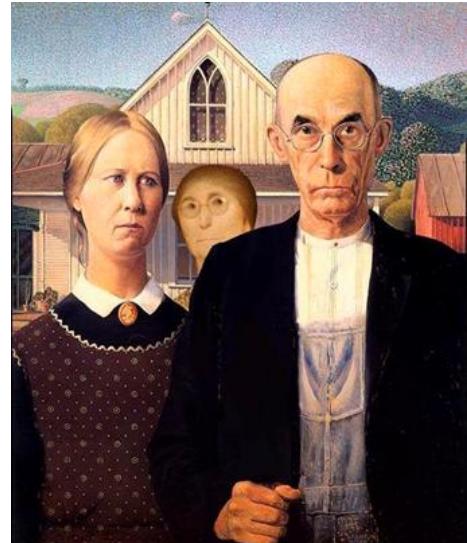
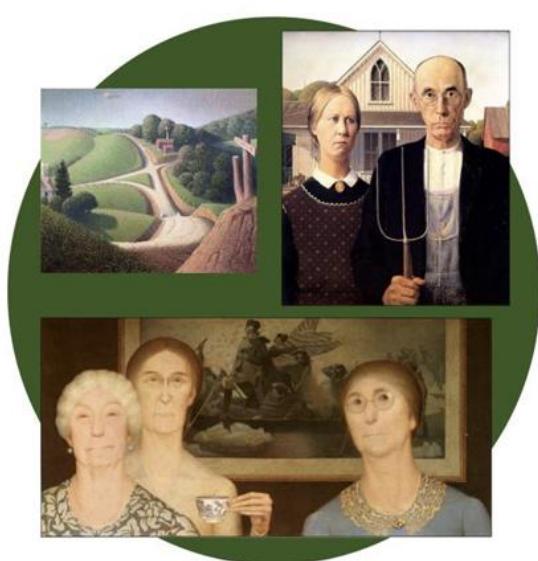
Work of S7 students inspired by the artist David Hockney



Draw on a photograph



Create a work inspired by Surrealism



Digital montage of S7 student on the theme: Edit a famous artwork. The student used three artworks of Grant Wood (Adobe Photoshop) and remade the original one.

Contact

For further information, please contact the Art coordinator Mr. Christos Koutsoukis
christos.koutsoukis@teacher.eursc.eu.

DRAMA (Theatre Studies and Drama)

Complementary course
2 periods per week

Objectives

The Drama and Theatre Studies complementary course for the 6th and 7th years is an addition to the 2 period courses currently on offer to the 6th and 7th years. It mixes both academic study of one of our principal artistic forms with practical work. In this it resembles the complementary course of Art in that it gives students a possibility to study a discipline and produce their own work within that discipline.

Drama both as a practical experience, an academic discipline and to understand the subtleties of Drama as a spectator.

Highlights:

- Analyses of authentic texts (reviews, writings by playwrights, plays)
- Reports on research work, including digital research work
- Journals and diaries (as a theatregoer, creative process).
- Practical exercises throughout the year:
- Targeted application of acting techniques
- Solo or group improvisations
- Expressive reading, voicing and stage positioning of authentic theatrical texts
- Constructions of situations
- Stage design proposals
- Staging of authentic theatrical texts

Content

Theory	Practice
1. Critical Diary A record of between 3 and 6 theatrical plays that the student has seen, with specific focus on Acting, Medium and Direction	1. Improvisation and Workshop Developing practical drama skills (Observation, response, performance, evaluation etc.)
2. Textual Criticism Analysis of a range of drama texts focusing on their dramatic and theatrical elements	2. Special Study A documented response to a practical theatre project such as a school play
3. Study of core texts At least two texts to be studied in full from a range of dramatic contexts and time periods	3. Assessed performance An assessed group performance piece from an existing and a devised script

Contact

For further information, please contact the cycle coordinator (daniel.alcazar@eursc.eu).

EDUCATION FOR SUSTAINABLE DEVELOPMENT

Complementary course
2 periods per week

In response to the ongoing environmental crisis, European Schools are dedicated to advancing sustainability education. This commitment aligns with the priorities outlined by the European Commission and the Council Recommendation on learning for the green transition and sustainable development.

This complementary course is intended for all students interested in understanding the transdisciplinary and global dimension of environmental issues and its relation to sustainable development. Students choosing this course should have a strong personal motivation to engage in a systemic approach to environmental issues.

This course is suited to all students. No prerequisite and associated courses are required to complete this course. The contents in sciences and humanities are affordable for all students as well as the references to specific literature in the field. However, at the end of the course, students will attain a solid background in this topic, which will be of a particular benefit for students who plan to study environmental issues and the green transition in post-secondary education.

Objectives

The objective is to provide the keys for a systemic, forward-looking, and collective understanding of a sustainable world. This includes individual and collective responsibility to understand the necessary changes required for building a sustainable future.

Learners will develop competences (knowledge, skills, and attitudes) to think, plan and act for our planet and for a transition to a fairer, greener economy and society.

Content

In S6 the students will focus on the contribution of science, sustainable development, the Anthropocene, humanities, and social sciences. Students will do individual and team activities, field trips, guest speaker etc.

The programme for S7 will focus on the completion of a final project which should mobilise all the dimensions studied in the previous year. The final project reinforces personal and civic engagement and enriches the students' entrepreneurial competences.

Contact

For further information, please contact Ms Magdalena Rodzinka (magdalena.rodzinka@teacher.eursc.eu) or Mr David Israel (david.israel@teacher.eursc.eu).

ECONOMICS

Optional course
4 periods per week

Objectives

- Understand and use core micro- and macroeconomic concepts, terminology and standard diagrams.
- Apply economic models and basic quantitative tools.
- Analyse and evaluate economic issues and policies.
- Develop key competences for lifelong learning – economic literacy, numeracy, digital skills, critical thinking, citizenship, collaboration and awareness of entrepreneurship.
- To have a general knowledge about the functioning of life in modern society.
- To develop an enquiring approach to investigation and problem solving.
- To make the transition from descriptive to analytical economics.
- To develop both theoretical and applied approaches to the subject.
- To develop critical and creative skills in the areas of selection, comparison and evaluation.

Content

6th Year

S6 provides the foundations of economics, focusing mainly on microeconomics with an introduction to basic macroeconomic ideas.

Content focus includes: the economic problem and systems; production possibility frontiers; demand and supply; elasticities, firms, costs, revenues and profit; different market structures; market failure and government intervention; circular flow of income; national income concepts; introduction to AD–AS and the simple Keynesian multiplier.

Skills focus in S6: defining and explaining concepts; drawing and interpreting diagrams; performing basic calculations (e.g. elasticities, revenues, simple national income); applying theory to straightforward real-world examples; and answering short structured and data-response questions with clear economic reasoning.

7th Year

Government control of the economy, unemployment, inflation, economic growth, trade cycles, international trade and money.

S7 builds on the S6 foundations and develops full macroeconomics and international economics, preparing students for the Baccalaureate examination.

Content focus includes macroeconomic objectives; unemployment and labour markets; inflation, price indices and the role of the ECB and monetary policy; economic growth, business cycles and output gaps; income and wealth distribution; international trade theory and policy; balance of payments and exchange rates; and evaluation of free trade versus protectionism.

Skills focus in S7: deeper analysis and evaluation of policies and outcomes; integrating micro and macro perspectives; interpreting and using data and case studies; constructing well-structured pre-Bac/Bac-style essays; and presenting clear, coherent economic arguments both in writing and orally.

Contact

For further information, please contact your Economics teacher or the Economics coordinator, Mr Lars Thuesen (lars-naesgaard.thuesen@teacher.eursc.eu).

GEOGRAPHY 2

Compulsory Course¹
2 periods per week

Objectives

This course will cover a wide range of knowledge, skills and perspectives relevant to the major themes of Human and Physical geography.

It offers a foundational introduction to the subject, but provides only a limited level of preparation for Geography and related courses at university level.

Content

The Sixth Year programme considers four major themes:

- Topic 1: The challenge of development (What is development? What are the obstacles to development? Who are the key players and institutions? Spatial variations in development at different scales; Approaches to development solutions and strategies)
- Topic 2: The opportunities and threats of globalisation (What is globalisation? What are the causes of globalisation? What are the opportunities and threats of globalisation? Alternative views of globalisation)
- Topic 3: The environment and climate change (hazards, risk, vulnerability, disasters)
- Topic 4: Project work

The seventh year consists of following topics:

- Topic 1: Europe and the EU (borders, identity, values, the EU structure)
- Topic 2: Natural environment of Europe (relief, climate, challenges and opportunities related to climate)
- Topic 3: Europeans (population, demographic evolution, migration, ageing population)
- Topic 4: Economic sector in change (agriculture, manufacturing, services: tourism, transport, regional inequalities in the EU)

Contact

For further information, please contact your Geography teacher.

¹ This course is compulsory unless Geography is chosen as 4-period option.

GEOGRAPHY 4

Optional course
4 periods per week

Geography is not only contemporary and relevant, but also one of the most dynamic, engaging, and academically valuable subjects available to students today. Many of the world's most pressing challenges are rooted in geographical issues and require the expertise of future geographers to analyse, interpret, and address them.

Selecting four period Geography provides a strong foundation for progression to university. It prepares you well for studying Geography on its own or combining it with other subjects, and it helps you access many different higher education courses. Geography is widely recognised for its academic rigour, and a qualification in the subject is highly regarded by universities and employers alike.

Employers consistently value the knowledge and transferable skills developed through the study of Geography. These include an informed understanding of global processes, proficiency in research and report writing, effective teamwork, the use of modern technologies, and strong communication skills. As a result, geographers pursue diverse and rewarding careers, spanning sectors such as finance, urban planning, environmental management, travel and tourism, international development, and retail.

An ideal Geography student is someone who:

- a) maintains a strong interest in current affairs
- b) seeks to deepen their understanding of societies, environments, landscapes, and places across the world
- c) aims to acquire the knowledge and insight necessary to make well informed decisions about issues affecting the planet and its populations
- d) wishes to develop a wide range of skills applicable to further study and the professional workplace.

Objectives

The course explores key topics in both Human and Physical Geography and helps you develop a broad range of knowledge and skills related to these areas. The course will provide a good base for those interested in studying geography and related courses such as economics, environmental studies and sociology at university level.

This course aims at providing useful knowledge and methods to understand contemporary events and the world's diversity.

Content

The **Sixth Year** programme covers the fields of Physical, Human and Economic Geography, using case studies from different world regions.

Sixth Year:

- Physical geography & human activity
 - processes shaping the landscape
 - natural hazards
- Natural resources (distribution, use of resources, flows & trade, conflicts)
- The complexity of a global world
 - Development: a world with inequalities
 - What is globalisation?
- **Fieldwork** (definition of aims & objectives, data gathering & processing).

The **Seventh Year** programme is based entirely on the geography of the European Union.

Seventh Year- The major themes include:

- Natural environment
 - Europe Physical regions (detailed study of the Alpine region)
 - European climates (detailed study of maritime climate)
- European population
 - factors influencing population distribution, concentration in urban areas
 - population structure
 - internal & external migration
- Economy of Europe
 - agriculture (two case studies: one extensive & one intensive farming area)
 - industry (automobile industry, a specific high-tech industry or a science park)
 - services (complexity and importance of the service sector, two case studies)
- European Union Issues & Challenges
 - What is the European Union?
 - Sustainability in the EU (energy policy, CAP)
 - Widening (admission policy, transport policy)
 - Deepening (regional policy)

Contact

For further information, please contact your Geography teacher.

HISTORY 2

Compulsory course²
2 periods per week

Objectives

The course aims to:

- provide an opportunity to explore some of the events and trends of the modern world.
- promote a knowledge and understanding of recent history.
- foster a critical and analytical curiosity about the past.
- study and evaluate various historical sources and documents.
- develop logical, structured and supported argument.

The course will address the same questions and topics as the four period option, but in less depth both in terms of subject knowledge and the development of historical skills.

Content

See table below.

Contact

For further information, please contact your History teacher or the History coordinator, Mr Christophe Champfaily (christophe.champfaily@teacher.eursc.eu).

² This course is compulsory unless History is chosen as 4-period option.

Content History 2 and 4 periods

EUROPE AND THE WORLD FROM THE END OF THE 19TH CENTURY TO THE START OF THE 21ST

Year 6 (2 periods) (approx. 48 p)	Year 6 (4 periods) (approx. 96 p)	Year 7 (2 periods) (approx. 48 p)	Year 7 (4 periods) (approx. 90 p)
<p>COMPULSORY CORE :</p> <ul style="list-style-type: none">A. Colonisation and European imperialism from the end of the 19th century to 1945B. Europe transformed by the First World WarC. Europe between the two world wars: dictatorship and democracyD. Europe and Europeans during the Second World War		<p>COMPULSORY CORE :</p> <ul style="list-style-type: none">A. Europe and the World during the Cold warB. Divisions and construction of EuropeC. Socio-economic and socio-cultural evolution in Europe since 1945D. Decolonisation and its consequencesE. China since 1949 <i>(for 4 periods)</i>	
<p>OPTIONNAL THEME</p> <ul style="list-style-type: none">O1. National HistoryO2. History of the United States from the end of the 19th century until 1945O3. History of women from the end of the 19th century until 1945O4. Genocides of the 20th Century		<p>OPTIONNAL THEME (for 2 périodes)</p> <ul style="list-style-type: none">O1. Contemporary democracy (1991-2010+)O2. International relationships in the Near and Middle East since 1945O3. China since 1949O4. Contemporary national history	

HISTORY 4

Optional course
4 periods per week

History and the past are not the same thing. Nor is history the mere study of the past. History is a process of imaginative reconstruction and interpretation of the past. It is the critical investigation of both the sources that the past has left behind and what historians have written about the past.

Students of 4 period History come to appreciate the relative nature of historical knowledge. Each generation produces history that reflects its own preoccupations and the new evidence that becomes available. History offers opportunities for empathetic understanding, but also develops the capacity for critical distance. It requires students to make comparisons between similar and dissimilar solutions to common human situations, whether they are political, economic, social or cultural. It invites comparisons between, but not judgments of, different cultures, political systems and national traditions.

Studying History is useful for many degrees and career paths – journalism, law, international relations, politics, literature, archaeology, languages and more. Indeed, the University of Cambridge cites History as one of six subjects which can keep your higher education options open (the others being Chemistry, Literature, Mathematics, Foreign Languages, and Physics). It keeps career options open as well. In choosing to study History, the students have the opportunity to attend and participate in debates and conferences as well as participating in extra-curricular trips to enrich their understanding. An in depth study of history can make a significant contribution to a student's future as a European citizen, endowing them with a critical spirit and an awareness of heritage, all so important for the 21st century world.

An interest in politics and current affairs is an advantage as is a willingness to read widely. A good working level of L2 (written and oral) is clearly of benefit, although students will not be formally assessed on their language competence.

Objectives

Students will gain many transferable skills from four period History:

- The historical skills of critical analysis and evaluation not only to historical events, but current world events.
- Through analysing and evaluating historical sources they develop skills of comprehension, comparison & contrast, evaluation & analysis, and synthesis.
- Critical thinking and reasoned arguments through both written essays and oral debate.
- Methodical research and communication skills.

In addition, students:

- Become acquainted with the historical debate and become aware of the provisional aspect of the historical knowledge.
- Gain knowledge and understanding of the past, as well as, of the main trends, themes and concepts of recent history.

The 4-period course is also a good preparation for pupils who will continue their studies in their L2 language.

Above all, students leave the classroom with logical thinking, inquisitive and critically aware minds.

Content

See table above.

Contact

For further information, please contact your History teacher or the History coordinator, Mr Christophe Champfaily (christophe.champfaily@teacher.eursc.eu).

HISTORY OF ART

Complementary course
2 periods per week

Objectives

- An appreciation of art and of art in its historical context
- Help students develop an awareness of their own cultural identity, and foster an understanding and sensitivity towards other cultures
- Knowledge of the development and the characteristics of European civilization
- To know the most important art movements and genres
- To understand and apply the appropriate terminology of Art History
- Develop the ability to describe and analyse art works and designed objects in a structured way
- Develop the ability to critically evaluate sources and use them appropriately for a deeper interpretation and reflection of art works
- Be able to connect art historical knowledge to a perception and understanding of the visual world

Content

The course will be taught in a visual way through sharing and discussing works of art together.

Key periods in the historical development of art and architecture will be studied. These will include:

- Antiquity eg Egyptian, Greek and Roman art.
- Middle Ages eg. Romanesque, Gothic,
- The Renaissance e.g. - Italian and Flemish painters in 14th and 15th centuries
- 19th Century eg. Romanticism, Realism, the Impressionists and Post-Impressionists
- 20th Century eg. Architecture and Design - Art Nouveau, Bauhaus - Expressionism, Surrealism, Pop Art



S6 Students' work

Key themes will also be studied. These can include:

- The human body in art - representations and symbolism
- Landscape in painting - Space and perspective in art
- Architecture and principles of construction
- Art and religion
- Women in art history
- What is art? Art and value (patronage, collectors, galleries, art market)

The course will also give the opportunity for practical engagement with art and architecture. For example:

- Copying or reinterpreting a masterpiece
- Construction of architectural models like a dome
- Design of objects (eg. chair, tea pot)

The opportunity to experience art will be important to the course including visits to art galleries and exhibitions

Contact

For further information, please contact

Mr David Watson (david.watson@teacher.eursc.eu)

Ms Vasiliki Knitou (vasiliki.knitou@teacher.eursc.eu)

ICT

Complementary course
2 periods per week

This course is open to all students, but it presupposes a strong basis, acquired in school or outside.

Objectives

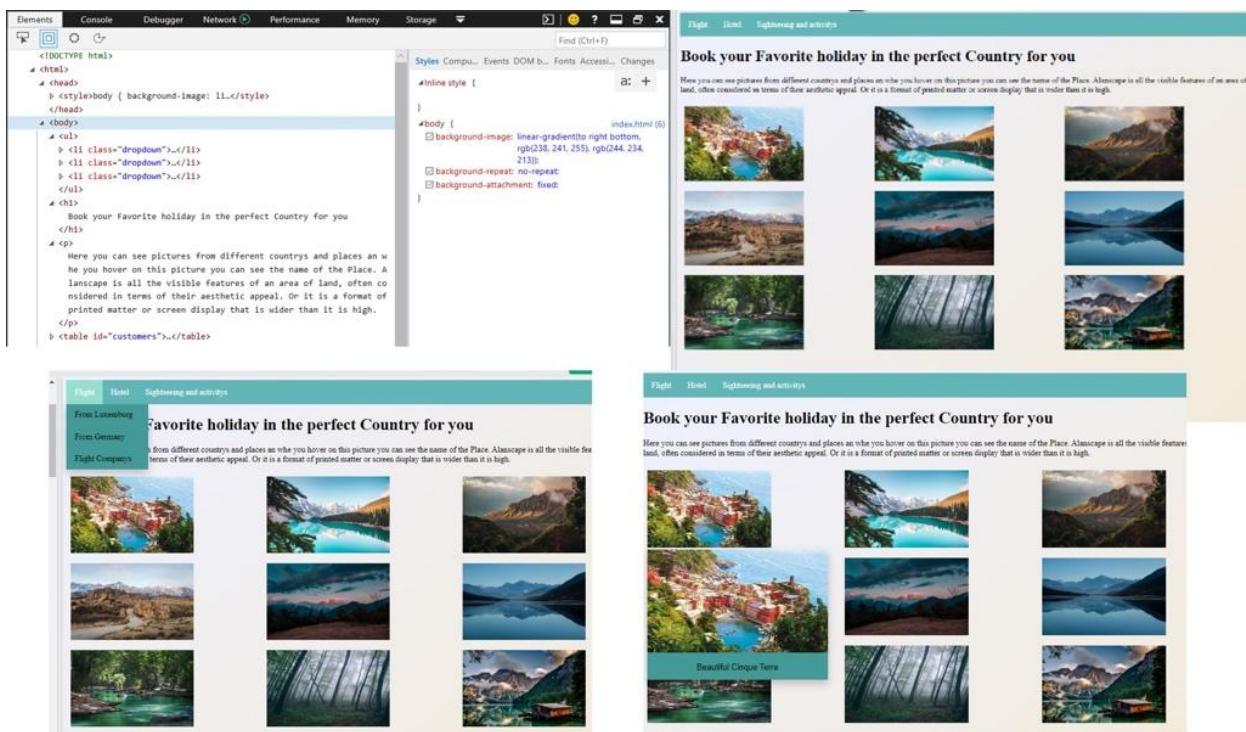
This course is for students who wish to widen their knowledge and experience in the ICT field in preparation for their intended course of study or career. The objective of this course is therefore to provide a solid ICT background to pupils for whom information technologies will play an important role in both their professional and private lives. This course is intended for students who wish to expand their knowledge and experience in the field of ICT

Content

The course is based on the work done in previous years at school, but not only. Pupils improve their use of the Microsoft Office suite of programs and learn advanced aspects of computing such as object-oriented programming, 3D modeling, database, advanced web design and development, graphics, advanced word processing, advanced multimedia projects, and desktop publishing. The course extensively uses advanced techniques, such as the integrated Microsoft Visual Studio development environment and advanced web publications and graphic applications of the Adobe and Photoshop suite, as well as others.

In addition to the above-mentioned issues, projects in the field of 3d modeling and printing of designed objects on 3d printers will be implemented. There will also be an unmanned aircraft programming project/drone.

Website design created by students from class S7



The image shows a screenshot of a website design for a travel agency. The top part of the image displays the website's code in a browser's developer tools (Elements tab) and its visual representation (Preview tab). The website has a light blue header with the title 'Book your Favorite holiday in the perfect Country for you'. Below the header, there is a section with a background image of a coastal town and a paragraph of text. The bottom part of the image shows the final website design. The website features a navigation bar with tabs for 'Flight', 'Hotel', and 'Sightseeing and activities'. The main content area has a title 'Favorite holiday in the perfect Country for you' and a sub-section with a background image of a lake and mountains. Below this, there is a grid of nine smaller images representing different travel destinations. The overall design is clean and modern, using a light color palette and high-quality images.



Network and Communications Systems

```

1 def calculate(operator, number1, number2):
2     if operator == "+":
3         return number1 + number2
4     elif operator == "-":
5         return number1 - number2
6     elif operator == "*":
7         return number1 * number2
8     else:
9         raise Exception(f"Unknown operator: {operator}")

```

Python programming

The screenshot shows a computer application window titled "Computer Online Shop". On the left, a sidebar lists "Wszystkie obiekty" and "Tabele" (Computer, Computer Online Shop, Monitors, Mouses, Kwerendy, Query, Formularze). The main area displays three items in a grid:

- Computer:** Brand: Lenovo, Description: Working Laptop, Price: 400.00 €. Includes an image of a laptop and a "Shopping Cart" button.
- Monitor:** Brand: Lapcare, Description: LED Monitor, Price: 950.00 €. Includes an image of a monitor and a "Shopping Cart" button.
- Mouse:** Brand: Microsoft, Description: Mechanical Mouse, Price: 10.00 €. Includes an image of a mouse and a "Shopping Cart" button.

At the bottom, there are fields for "Total Price" and "+ Shipping", and a note: "Discount if total Sum + Shipping is over 7000€ (10%)". On the right, there is a "Contact us:" section with email and phone number.

Online store design with a shopping cart and email order confirmation.

The screenshot shows a "Shopping Cart" application window. It contains fields for Computerbrand (Lenovo), Computer Description (Working Laptop), Computer Price (4.00 XDR), Enter your Name, Quantity (2), and Enter your Shipping. A "Send me an Email" button is also present.

Below the application, an email message is shown with a recipient's profile picture and the text "An: [REDACTED]".

New form submission:

Computer brand: Lenovo
Computer description: Working Laptop
Computer price: 400€
Reciever: 123
Quantity: 2
Shipping Adress: 1234

Contact

For further information, please contact your ICT teacher or the ICT coordinator, Mr Tomasz Prokop (tomasz.prokop@teacher.eursc.pl).

L1A DEUTSCH L1, VERTIEFUNGSKURS

Wahlfach

wöchentliche Stunden: 3

Zielsetzung

Der Vertiefungskurs Deutsch umfasst drei Wochenstunden, die zusätzlich zum 4-stündigen Grundkurs erteilt werden. Ziel des Vertiefungskurses ist vor allem eine intensive Auseinandersetzung mit den Bereichen Literatur, Sprache und Medien, wobei über den deutschsprachigen Bereich hinaus auch der Vergleich mit Autoren anderer europäischer Literaturen angestrebt wird.

Der Vertiefungskurs wendet sich also in erster Linie an die Schülerinnen und Schüler, die ein besonderes Interesse an Literatur und Spaß am Lesen haben und sich mit grundlegenden sprachlichen Fragestellungen beschäftigen wollen. (Die Leistungen im Fach Deutsch sollten in der 5. Klasse mindestens befriedigend sein.)

Insbesondere solche Schüler, welche in Berufen mit hoher Sprachkompetenz arbeiten wollen (wie z.B. Manager, Juristen, Mediziner, Diplomaten, Germanisten, Historiker, etc.) werden hier ihre sprachlichen Fertigkeiten spürbar verbessern können. Die mündliche wie auch die schriftliche Präsentation von Resultaten sowie angeregte Diskussionen im Rahmen des Unterrichts werden an Intensität gewinnen können, weil es jedem Einzelnen wesentlich häufiger möglich sein wird, sich mit seinen Wortbeiträgen in das Unterrichtsgeschehen einzubringen. So werden die Schüler am Ende der Schullaufbahn über einen deutlich höheren aktiven Wortschatz in Deutsch verfügen können, in deren Folge sie ihre Eloquenz und Argumentationsfähigkeit entwickeln können.

Teil des Kurses ist die Erstellung einer Projektarbeit, die im Umfang etwa einer Seminar- bzw. Facharbeit entspricht.

Inhalt

Im Rahmen von zentral vorgegebenen Leitthemen, in deren Mittelpunkt eine Pflichtlektüre steht, werden literaturspezifische, aber auch gesellschaftliche und philosophische Zusammenhänge erarbeitet. Für das Abitur 2025 lautete dieses Pflichtthema beispielsweise "Die Stadt in der Lyrik":

Basistext: Faust. Der Tragödie erster Teil

Verbindliche Begleitlektüre: *wird angekündigt*

Kontakt

Weitere Informationen bei Herrn Peter Svoboda (peter.svoboda@teacher.eursc.eu). .

L1A ENGLISH L1 ADVANCED

Optional course
3 periods per week

The English L1 Advanced course provides students with a broader range of topics and opportunities for those interested in English language and, particularly, English literature.

Objectives

This course will enable you to:

- develop and embed the broad study of English (speaking and listening, reading, writing and the study of language)
- widen and deepen your knowledge and understanding of literature in English, including texts in translation where relevant;
- sharpen your analytical, creative and critical skills through opportunities for extended speaking and writing;
- pursue individual interests, e.g. in original writing; language acquisition and development; particular writers or genres; textual adaptation; or the impact of different media or technologies on audiences.

Content

Although there are components common to the L1 and L1A courses, L1A, allows for more diversity and a wider range of texts, and is thus **ideal preparation for those considering literary or linguistic studies in higher education.**

Set texts include a range of plays, novels and poetry from different social and historical contexts including Shakespeare and classic novels as well as more contemporary works and literary non-fiction.

A big part of the course is two substantial pieces of individual project work, chosen by the student, on a topic of their choice. One in S6 and one in S7.

Contact

For further information, please contact your L1 teacher or the English L1 coordinator Ms. Ayesha Rana (ayesha.rana@teacher.eursc.eu).

L1A FRANÇAIS LANGUE 1 APPROFONDISSEMENT

Cours à option
3 périodes par semaine

Le cours d'approfondissement est destiné aux élèves qui, à l'issue de la 5e année, manifestent un intérêt particulier pour l'étude du français, pour l'écriture, pour l'analyse et l'interprétation des textes littéraires ou, plus simplement, aux élèves qui ont envie de développer des compétences dans le domaine de la langue française et de la littérature francophone en vue d'étendre leur culture générale. Les groupes d'un effectif restreint permettent aux élèves de progresser très efficacement à l'écrit comme à l'oral.

Les textes au programme (1 œuvre par an) sont envisagés en fonction d'une problématique littéraire.

Objectifs

- Développer des compétences en écriture (synthèse, reformulation, dissertation littéraire...)
- Parfaire les compétences de lecture et d'analyse des œuvres littéraires (et éventuellement de leurs adaptations théâtrales, cinématographiques...).
- Comparer des textes sur un thème commun, réfléchir et développer des points de vue argumentés sur des problématiques littéraires.
- Approfondir la connaissance de l'histoire littéraire et culturelle, et établir des rapprochements entre les genres littéraires, les époques, les arts, les cultures.
- S'engager dans un projet personnel créatif autour de la problématique de l'année (S6).

Contenu

en 6ème et 7ème années

Etude de deux thèmes illustrés par deux œuvres pivots et des œuvres complémentaires, qui font l'objet d'un programme renouvelé chaque année. Ainsi, pour l'année 2025-2026, voici les thèmes qui étaient proposés :

- En 6ème : **Rire et Savoir GARGANTUA de François Rabelais**
- En 7ème : **Dans l'Atelier du poète : La Rage de l'expression de Francis Ponge**

Contact

Pour de plus amples informations, veuillez contacter votre professeur de français L1 ou le coordinateur de français L1, Mme Hélène BOERKMAN (boerkmhe@teacher.eursc.eu)

L1A PORTUGUÊS LÍNGUA 1 APROFUNDAMENTO

Optional course
3 períodos /semana

Objetivos

A disciplina de Aprofundamento de Língua I constitui-se como espaço de alargamento das aquisições da disciplina de Língua I. Assim, a disciplina de Aprofundamento destina-se a sedimentar e ampliar essa identidade num diálogo permanente com a LI. Por isso, o Aprofundamento de Português proporcionará a aprendizagem de uma linguagem literária e o desenvolvimento de uma sensibilidade estética mais profundos. Potencia uma maior intimidade com os textos, o que conduz à intensificação do prazer de ler e escrever no aluno mais motivado, possibilitando a consolidação do saber linguístico, e o descobrir da estética do texto ao aluno menos desperto ou com um domínio menos sólido da língua.

- Problematizar a natureza e o valor do texto literário como documento e monumento histórico-cultural e artístico:
 - estabelecer pontes entre a produção literária e outras expressões artísticas;
 - refletir criteriosamente sobre a produção estética e literária de língua portuguesa, a partir de obras representativas das diferentes épocas, períodos e correntes.
- Ler, interpretar e apreciar textos de caráter literário:
 - desenvolver a competência de leitura da dimensão simbólica do texto;
 - desenvolver técnicas de análise em literatura comparada.
- Desenvolver e aperfeiçoar a escrita sobre o texto:
 - a partir da produção textual, criativa e expressiva e a problematização dessa escrita pessoal enquanto investimento do desejo e da partilha que a criação pressupõe.

Conteúdo

As leituras literárias escolhidas construirão percursos significativos que facultem ao aluno, no final do 7.º ano, numa perspetiva diacrónica e sincrónica, uma visão panorâmica da Literatura Portuguesa.

TEMÁTICAS ORGANIZADORAS DAS LEITURAS

S6

- **A escrita intimista e autobiográfica** – as máscaras de Narciso
 - espaço-consciência
 - narcisismo/alteridade
 - espaço de fuga/evasão
 - espaço físico/espaço de reflexão
 - memória individual /coletiva
- **Imagens de Portugal na Literatura de Língua Portuguesa:**
 - visão eufórica e disfórica
 - diáspora e emigração
 - o amor, a saudade e o mar
 - o humor/ironia/sarcasmo como esconjuro e redenção

S7

- **A condição da mulher**
 - a mulher e a criação literária: contextos de produção
 - a imagem da mulher na literatura
 - contingências da condição da mulher
- **A Viagem**
 - ausência-separação
 - espaço de mitificação/espaço de risco/espaço de glorificação
 - identidade e alteridade

- o espaço de miragem/espaço de desmi(s)tificação
- o exílio – espaço físico/exílio – espaço psicológico
- o vida/vida-*post mortem*

Contacto

Para mais informação, contactar o professor de L1 ou o coordenador da disciplina Prof. SEIXAS João (dasivja@teacher.eursc.eu)

L2A DEUTSCH L2, VERTIEFUNGSKURS

Wahlfach

wöchentliche Stunden: 3

Zielsetzung

Ziel des Vertiefungskurses ist es, sich vor allem mit Hilfe von fiktionalen Texten ein möglichst differenziertes Bild der deutschsprachigen Länder zu erarbeiten. Historische und aktuelle Problemstellungen gilt es zu erkennen und zu beurteilen. Quer- und Längsschnitte durch verschiedene zeitgeschichtliche Epochen sollen helfen, ein umfangreiches Bild zu entwerfen und zu vertiefen. Die Schüler sollen in der Lage sein, selbständig Informationen über die deutschsprachigen Länder zu sammeln und zielgerecht auszuwerten.

Inhalt

Die inhaltlichen Schwerpunkte des Vertiefungskurses Deutsch L2 betreffen Themen vornehmlich aus Zeitabschnitten des 18. bis 20. Jahrhunderts; der Hauptakzent liegt hierbei auf der Beschäftigung mit der Literatur des 20. Jh. und 21. Jh.

Im Mittelpunkt des Unterrichts steht die Frage, was das Werk, der Autor und seine Zeit dem Schüler für Erkenntnisse über Deutschland, den angrenzenden deutschsprachigen Ländern und über seine Bewohner verschaffen können.

Die vier „klassischen“ Fertigkeiten des Sprachunterrichts: Leseverstehen, Schreiben, Hörverstehen **und Sprechen** werden in diesem Kurs integriert ausgebildet und vertieft. Die Texte für den Unterricht stammen aus allen drei literarischen Gattungen

Epik

Lyrik

Drama

Zur Vorbereitung des Abiturs müssen zwei Pflichtlektüren aus jeweils verschiedenen Gattungen behandelt werden, die rechtzeitig und verbindlich vom Fachlehrer zu benennen und in der 7. Jahrgangsstufe zu bearbeiten sind. Als Beispiel sei an dieser Stelle genannt:

Drama: Stella (J. W. von Goethe)

Epik: Katz und Maus (Günter Grass)

Auf diese Weise ist für alle Schüler, die den Vertiefungskurs gewählt haben, eine große Sicherheit gegeben, welche Lektüre im Abitur als Prüfungsgrundlage dient.

Kontakt

Für weitere Informationen wenden Sie sich bitte an Ihren L3-Deutschlehrer oder die L2-L3-L4-Deutschkoordinatorin, Frau Dimitra Papagianni (papagianni.dimitra@teacher.eursc.eu).

L2A ENGLISH L2 ADVANCED

Optional course
3 periods per week

Students should have a good standard of written and spoken English. If a student has an average of above 8 for the 5th Year, he/she is certainly capable of doing this course. All students should show a genuine interest in Anglophone literature and cultural studies.

Objectives

- To develop skills in discussion and writing, regarding novels, plays and films. (It is not primarily a language course, although inevitably pupils will learn a lot more English.)
- To develop listening and speaking skills to an advanced competency level.
- To instil a love of Anglophone literature and cultural studies.
- To prepare students for studying any kind of English course at university level or undertaking higher education in an English-speaking country. It will also be of great value to students intending to study subjects such as journalism, media, theatre, sociology, etc. or any subject where the analysis of texts written in English is a main component.

Content

Year 6

- A wide variety of texts are studied; short stories, novels, plays, poetry, and films, from GB, USA, Ireland, Australia, etc., focusing on Anglophone life and institutions.
- Materials are based on different themes and students may be asked to undertake personal research topics involving a wide range of study skills.
- Students will work either in small groups or individually to produce an extended research project on a literary theme of their choice, involving a presentational and a written aspect. The title of this work will be negotiated amongst the group.

Year 7

- For the BAC there is one set text, which is studied in depth.
- There is also one set theme which will require the study of a range of texts (from a written, pictorial or audio-visual source) covering the main areas of drama, prose fiction and non-fiction, and poetry.
- Students must also write a 2,000 – 3,000-word essay or make an extended oral presentation on a text of their choice. This will account for 50% of the second A mark.

Contact

For further information, please contact your L2 teacher, or the L2-L3-L4 English coordinator, Ms Margarita Gudeikiene (margarita.gudeikiene@teacher.eursc.eu).

L2A FRANÇAIS LANGUE 2 APPROF.

Cours à option
3 périodes par semaine

Ce cours est recommandé aux élèves, qui à l'issue de la cinquième année, ont acquis une maîtrise satisfaisante de la langue et manifestent un goût particulier pour l'étude du français et plus généralement pour les études littéraires et la lecture. Il est vivement conseillé de demander l'avis du professeur de français de 5e. Nul besoin d'être d'un excellent niveau à l'écrit ; il faut surtout aimer découvrir des œuvres littéraires contemporaines ; aimer lire et s'intéresser à la vie culturelle française et européenne.

Objectifs

- Développer les compétences de lecture, en diversifiant les supports : œuvres littéraires, images, adaptations cinématographiques...
- Comparer des points de vue sur un thème commun.
- Analyser un texte du point de vue de la syntaxe, du vocabulaire et du style.
- Initier l'élève à l'histoire littéraire et aux civilisations des pays francophones.
- Développer les compétences en expression orale au moyen d'exposés...

Contenu

en 6e et 7e années

- un programme renouvelé chaque année comporte deux thèmes illustrés chacun par une œuvre pivot, dont l'étude est obligatoire, et des œuvres complémentaires, dont l'étude est laissée à l'appréciation du professeur.

Ainsi, pour le Bac 2027 les deux thèmes choisis sont les suivants "Documentaire et Littérature" avec L'Adversaire d'Emmanuel Carrère et "Fiction fragmentaire et quête d'identité" : Histoire du fils de Marie Hélène LAFON.

Contact

Pour de plus amples informations, veuillez contacter votre professeur de français, ou la coordinatrice de français L2-L3-L4, Mme Elena-Mirabela FETIC (elena-mirabela.fetic@teacher.eursc.eu).

L3 DEUTSCH

Wahlfach

wöchentliche Stunden: 4

Zielsetzung

Ziel des Unterrichts im Fach Deutsch als Fremdsprache in der Sekundarstufe der Europäischen Schulen ist es, die Fähigkeiten der mündlichen und schriftlichen Kommunikation in der deutschen Sprache auszubauen. Im Deutschunterricht werden die vier Fertigkeiten Leseverstehen, Schreiben, Hörverstehen und Sprechen trainiert. Für die 2. Fremdsprache bedeutet dies in den Klassen 6 und 7:

Inhalt

LESEVERSTEHEN

Der Schüler soll die Technik des intensiven Lesens (inhaltliches und sprachliches Verständnis aller Einzelheiten) sowie des extensiven Lesens (Verständnis des Gedankengangs) erlernen. Dabei wird der Schüler arbeiten mit

- literarischen Texten verschiedener Gattungen (Kurzgeschichte, Erzählung, Roman etc.)
- Sachtexten zu bestimmten Themen
- Texten zur Landeskunde deutschsprachiger Länder.

SCHREIBEN

Der Schüler soll die Fähigkeit erwerben, ein Thema sprachlich angemessen wiederzugeben, zu beschreiben, zu kommentieren, zusammenzufassen oder zu interpretieren und sich in logisch-argumentativer Weise mit einer Problematik auseinanderzusetzen. Eine annähernd korrekte Rechtschreibung und die Beherrschung der grammatischen Grundstrukturen der deutschen Sprache werden erwartet, um differenziertere Strukturen bewältigen zu können.

HÖRVERSTEHEN

Unter Verwendung von authentischem Material wie beispielsweise einfachen Hörspielen, Nachrichten, Interviews, (Auszügen aus) Spielfilmen, Mitschnitten aus Fernsehprogrammen und Videos soll die Fähigkeit erweitert werden, Global- und Detailinformation wahrzunehmen, zu erfassen und zu interpretieren.

SPRECHEN

Der Schüler soll die Fähigkeit entwickeln, auf gehörte mündliche oder schriftliche Äußerungen in der Fremdsprache verständlich und geläufig in spontanem Dialog oder in zusammenhängender Rede zu reagieren.

Das erworbene Sprachniveau ist: B1+

Folgende Ganzschriften gehören beispielsweise zum Programm:

ABITUR 2026

Schuljahr 2025/26

Klasse 6: Wolfgang Herrndorf: Tschick **Finn-Ole Heinrich : Räuberhände**

Schuljahr 2026/27

Klasse 7: Charlotte Kerner: Blueprint Caroline Link: Jenseits der Stille

Kontakt

Für weitere Informationen wenden Sie sich bitte an Ihren L3-Deutschlehrer oder die L2-L3-L4-Deutschkoordinatorin, Frau Dimitra Papagianni (papagianni.dimitra@teacher.eursc.eu).

L3 ENGLISH

Optional course
4 periods per week

Students taking this course will normally have studied English L3 from year 1 of the secondary school. The course is designed to build on the skills students have acquired during the past five years.

Objectives

- To develop skills in listening, speaking, reading and writing that allow students to use English for leisure, for future study and for their career.
- To develop communication skills in the areas of comprehension, interpretation and personal response.
- To explore a variety of different texts of a literary and non-literary nature.

Content

Year 6

- Improvement of language skills - listening, speaking, reading and writing.
- A variety of texts are studied, such as, the novel, play and film.
- Students are encouraged to read widely and to discuss a wide range of issues in English.
- Oral skills are developed– conversation, discussion, speeches, responses to fictional and non-fictional texts, oral summary, etc.

Year 7

- Students continue to build on the language skills obtained in Year 6 and previous years.
- Two set literary texts will be studied in detail for the Baccalaureate examination.

Contact

For further information, please contact your L3 English teacher, or the L2-L3-L4 English coordinator, Ms Margarita Gudeikiene (margarita.gudeikiene@teacher.eursc.eu).

L3 ESPAÑOL LENGUA 3

Curso optativo
4 períodos semanales

Este curso exige un nivel correspondiente a cuatro años consecutivos de la enseñanza de esta lengua.

Objetivos

- Capacidad para comprender textos variados, orales y escritos en español contemporáneo **estándar**.
- Capacidad para expresarse oralmente y por escrito con fluidez y corrección sobre temas de interés general, y a partir de textos de cierta complejidad.
- Conocimiento de aspectos significativos de las culturas hispánicas (organización social, costumbres, **literatura española e hispanoamericana**).

Contenido

- Adquisición de la lengua en sus niveles fonéticos, morfosintáctico y léxico-semántico, especialmente en los aspectos que favorecen y enriquecen la comprensión y expresión.
- Desarrollo de las capacidades de comprensión y expresión oral y escrita y de interpretación de textos.
- Adquisición de conocimientos socioculturales y literarios.

Contacto

Para más información, por favor contacte con su profesor de español o con la coordinadora de lengua española, el Sr. García-Quiñonero, Francisco (francisco.garcia-quinonero-fernandez@teacher.eursc.eu).

L3 FRANÇAIS LANGUE 3

Cours à option
4 périodes par semaine

Objectifs

- consolider et enrichir les connaissances grammaticales et lexicales
- développer les capacités de compréhension écrite et orale.
- améliorer l'expression écrite et orale.
- initier l'élève à la lecture de textes francophones de littérature et de civilisation des XIXe ; XXe et XXIe siècles.

Contenu

en 6e et 7e années

- révisions de grammaire et de syntaxe, en fonction des besoins et des lacunes constatées en classe, pour améliorer la qualité de la langue écrite.
- travail sur documents de nature diverse en langue contemporaine : articles de presse, œuvres complètes brèves, nouvelles, enregistrements sonores, films...
- initiation méthodologique aux exercices de compréhension et d'expression écrite du baccalauréat, d'étude d'un texte dans la perspective de l'épreuve orale.
- préparation à la prise de parole dans le cadre d'exposés ou de débats sur des sujets d'actualité.
- un programme renouvelé chaque année comporte deux thèmes illustrés chacun par une œuvre pivot, dont l'étude est obligatoire, et des œuvres complémentaires, dont l'étude est laissée à l'appréciation du professeur.

Ainsi, pour le Bac 2026, les deux thèmes choisis sont les suivants : "Réfléchir aux usages et aux dangers des réseaux sociaux" portant sur le roman de Delphine de VIGAN, Les enfants sont rois et "Regard sur l'altérité" : Cannibale de Didier DAENINCKX.

Contact

Pour de plus amples informations, veuillez contacter votre professeur de français ou la coordinatrice de français L2-L3-L4, Mme FETIC Elena-Mirabela (elena-mirabela.fetic@teacher.eursc.eu).

L3 ITALIANO

Opzione
4 Ore/Settimanali

Obiettivi

- Il corso si propone l'obiettivo di condurre gli allievi ad un'espressione corretta e disinvolta, sia orale che scritta, su argomenti di carattere generale.
- Questi ultimi vengono affrontati a partire dalla lettura di testi, di carattere prevalentemente non letterario, con lo scopo di sviluppare il senso critico degli alunni, permettendo loro di valutare e discutere le idee e i sentimenti espressi dallo scrittore.

Contenuti

Classe 6°

- Approfondimento dello studio delle strutture morfo-sintattiche acquisite, per ampliare il lessico;
- lettura e interpretazione di testi letterari e soprattutto di documenti contemporanei;
- esercizi di riassunto, schematizzazione e analisi di diversi tipi di testo;
- studio e sviluppo di uno o più temi particolari (cinema, arte, teatro, problemi sociali) attraverso letture, discussioni ed esposizioni scritte ed orali.
- Lettura di un'opera di narrativa contemporanea.

Classe 7°

- Sviluppo e approfondimento dei contenuti affrontati in 6°.
- Lettura di un'opera di narrativa contemporanea.

Contatto

Per ulteriori informazioni, si prega di contattare il proprio insegnante di italiano o il coordinatore italiano, Sig.ra Elena Minghetti (elena.minghetti@teacher.eursc.eu).

L4 DEUTSCH

Wahlfach

wöchentliche Stunden: 4

Zielsetzung

Ziel des Unterrichts im Fach Deutsch als Fremdsprache in der Sekundarstufe ist es, die Fähigkeiten der mündlichen und schriftlichen Kommunikation in der deutschen Sprache auszubauen. Im Deutschunterricht werden die vier Fertigkeiten Leseverstehen, Schreiben, Hörverstehen, und Sprechen trainiert. Für die 3. Fremdsprache bedeutet dies in den Klassen 6 und 7:

Inhalt

LESEVERSTEHEN

Im Unterricht der 3. Fremdsprache steht die Erweiterung und Vertiefung der Lesefähigkeit im Vordergrund. Durch einfache Fragen soll das Globalverständnis überprüft werden. Um bei Texten Zeit für die gemeinsame Lektüre wesentlicher Textstellen zu gewinnen, kommt es darauf an, die Technik des kurSORischen Lesens (Zusammenfassung weniger wichtiger Abschnitte oder Kapitel) zu erlernen. Gearbeitet wird teilweise mit

- Lehrbuchtexten
- Sachtexten
- einfacheren literarischen Texten

SCHREIBEN

Der Schüler soll die Fähigkeit erwerben, ein Thema sprachlich in zusammenhängender Weise wiederzugeben, zu beschreiben, zu kommentieren oder zusammenzufassen. Ein sicheres Beherrschung der grundlegenden grammatischen Strukturen der deutschen Sprache ist Ziel des Unterrichts.

HÖRVERSTEHEN

Unter Verwendung von authentischem Material wie beispielsweise einfachen Hörspielen, Nachrichten, (Auszügen aus) Spielfilmen, Mitschnitten aus Fernsehprogrammen und Videos, soll die Fähigkeit erworben werden, Global- und Detailinformation wahrzunehmen.

SPRECHEN

Der Schüler soll die Fähigkeit entwickeln, auf gehörte mündliche oder schriftliche Äußerungen angemessen in der Fremdsprache zu reagieren.

Das erworbene Sprachniveau ist: A2+

Kontakt

Weitere Informationen bei Frau Dimitra Papagianni (papagianni.dimitra@teacher.eursc.eu).

L4 ENGLISH

Optional course
4 periods per week

Students taking this course will normally have studied English L4 from year 4 of the secondary school.

Objectives

- This course is designed for students who wish to study English for the purposes of leisure, studying or for career.
- To develop communication skills in the areas of comprehension, interpretation and personal response.
- Specific attention will be given to improving students' skills in listening, speaking, reading and writing.
- To develop the skills through the study of themes and texts chosen to suit the level.

Content

Year 6

- A variety of texts, both literary and non-literary will be studied to allow students to extend the skills they have acquired in previous years, e.g. short stories, novels, drama, poetry, films, etc.

Year 7

- Continued study of a wide variety of texts.
- Development of writing skills enabling students to respond to the text on the level of personal evaluation or creative text production.
- Listening and speaking skills are continuously developed, building on skills acquired in previous years.

Contact

For further information, please contact your L4 teacher or the L2-L3-L4 English coordinator, Ms Margarita Gudeikiene (margarita.gudeikiene@teacher.eursc.eu).

L4 ESPAÑOL LENGUA 4

Curso optativo
4 periodos semanales

Este curso exige un nivel correspondiente a dos años consecutivos de la enseñanza de esta lengua.

Objetivos

Capacidad para comprender textos escritos y documentos orales en español contemporáneo **estándar**.

Capacidad para expresarse oralmente y por escrito, con relativa facilidad, sobre temas de interés general y a partir de textos de dificultad media.

Adquisición de conocimientos sobre aspectos significativos de la cultura hispánica.

Contenido

Lingüístico : Mejorar y enriquecer la gramática, la fonética y el vocabulario.

Cultural : Conocimiento de las tradiciones, costumbres, modos de vida, etc.

Literario : Lectura de una obra por año adaptada al nivel de conocimientos adquiridos.

Contacto

Para más información, por favor contacte con su profesor de español o con la coordinadora de lengua española, el Sr. García-Quiñonero, Francisco (francisco.garcia-quinonero-fernandez@teacher.eursc.eu).

L4 FRANÇAIS LANGUE 4

Cours à option
4 périodes par semaine

Objectifs

Le travail en 6e et 7e consistera surtout à approfondir et élargir les acquis des deux années précédentes, à savoir :

- entraînement à l'expression orale,
- développement des capacités de compréhension écrite et orale,
- amélioration et développement de l'expression écrite,
- enrichissement du vocabulaire, fixation des structures syntaxiques et amélioration de l'orthographe grammaticale.

Contenu

- étude de la langue : travail visant à enrichir le vocabulaire, à améliorer la syntaxe et l'orthographe grammaticale.
- travail sur des documents de nature diverse, adaptés à la réalité de la classe, en langue contemporaine : méthodes de français langue étrangère, articles de presse, œuvres complètes brèves, si c'est possible, enregistrements sonores, films, etc.
- préparation à la prise de parole dans le cadre d'interviews, d'exposés, de débats...
- divers exercices d'entraînement à l'expression écrite : lettres, réponses à des questions de compréhension sur un texte, petits textes narratifs et argumentatifs...

Contact

Pour de plus amples informations, veuillez contacter votre professeur de français ou la coordinatrice de français L2-L3-L4, Mme FETIC Elena-Miraebala (elena-mirabela.fetic@teacher.eursc.eu)

L4 ITALIANO

Opzione
4 Ore/Settimanali

Obiettivi

- Condurre gli allievi a un'espressione scritta ed orale, corretta ed efficace, e sviluppare la loro capacità di comprensione ed interpretazione.

Contenuti

Classi 6° e 7°:

- Ripresa e consolidamento delle strutture morfo-sintattiche acquisite in 4° e in 5°;
- estensione del lessico (sinonimi, campi semantici....);
- lettura ed analisi di alcune pagine di narrativa contemporanea e di documenti contemporanei;
- riassunti, schematizzazioni, commenti, composizioni in riferimento a uno o più argomenti di attualità e di cultura generale;

Contatto

Per ulteriori informazioni, si prega di contattare il proprio insegnante di italiano o il coordinatore italiano, Sig.ra Elena Minghetti (elena.minghetti@teacher.eursc.eu).

L4 PORTUGAIS LANGUE 4

Cours à option
4 périodes par semaine



Objectifs

Le travail en 6e et 7e consistera surtout à approfondir et élargir les acquis des deux années précédentes:

1. Comprendre les points principaux des messages liés à des domaines d'intérêt personnel, et pertinence et avec des sujets d'intérêt général.
2. Lire et comprendre les points essentiels de textes littéraires et non littéraires liés aux domaines d'intérêt personnel et des sujets d'intérêt général.
3. Interagir dans des situations courantes et simples et participer à une conversation sur des sujets variés qui sont familiers, d'intérêt personnel ou pertinents pour la vie quotidienne.
4. Écrire des textes courts, simples et cohérents sur des sujets familiers et des sujets d'intérêt personnel.
5. Relier les connaissances culturelles acquises à des pays d'expression portugaise.

Contenu

1. Étude de la langue : des règles de prononciation, d'intonation et d'orthographe, de vocabulaire et d'expressions, morphologie et de structures grammaticales ;
2. Analyse de documents authentiques (publicité, article de la presse...)
3. Développement de la compréhension et expression orale ;
4. Développement de l'expression écrite : rédaction de textes de différentes typologies.
5. Approfondir la connaissance de la culture des pays lusophones.

Contact

Pour de plus amples informations, veuillez contacter votre professeur de portugais ou le coordinateur de la matière, SEIXAS João (dasilvja@teacher.eursc.eu).

L5 DUTCH

Complementary course
2 periods per week

Objectives

The main objectives of this course are the following:

- understand written and oral conversations in Dutch and understand the main point in short, clear, simple messages and announcements;
- communicate in simple and everyday language about familiar and everyday issues (family, friends, hobbies, weekly activities...);
- write in simple words about their own background, current environment, various wishes and needs
- get to know the Dutch and Flemish culture through videos, songs, articles...

Content

Vocabulary fields:

- Family and friends
- Hobbies and daily/weekly activities
- Time/planning
- Weather
- Living
- Clothes
- (Grocery) shopping
- Feelings
- Illness
- Public transport
- ...

Grammar:

- Structure of Dutch sentences
- Tenses (present, past, future)
- Adjectives
- Comparatives and superlatives
- Plural forms
- Negation
- ...

Pronunciation

Dutch culture

Contact

For further information, please contact the Dutch language teacher Ms Anne Van Severen (vansevan@teacher.eursc.eu).

L5 ITALIAN

Complementary course
2 periods per week



Objectives

The following didactic principles are intended to guide the teaching and learning of L5:

- Communicative language competence is an overarching learning goal.
- The skills of listening, reading and spoken interaction will take priority. Spoken production and writing will be developed to a lesser degree.
- Teaching and learning should draw on the students existing language skills and learning strategies.
- A range of learning resources including digital ones supports students in their acquisition of the target language.
- Priority should be given to functionality when it comes to teaching grammar, morphology and vocabulary

Content

By the end of S7, the student should have acquired:

- basic knowledge of pronunciation, intonation and spelling rules
- knowledge of basic vocabulary and expressions
- knowledge of basic morphology and basic grammatical structures
- knowledge of how to use dictionaries and other resources, including digital ones
- an awareness of some aspects of the Italian culture
- an awareness of language learning strategies including an awareness of their own progress

Contact

For further information, please contact the Italian coordinator, Ms Elena Minghetti (elenaminghetti@teacher.eursc.eu).

L5 LËTZEBUERGESCH

Complementary course
2 periods per week

Objectives

By the end of S7, the student should be able to:

1. understand familiar words and everyday expressions relating to himself/herself, his/her family and his/her environment, if people speak slowly and distinctly
2. read and understand short, simple texts of an everyday nature
3. interact in a simple way, and ask and answer simple questions in areas of practical need or on very familiar topics
4. use simple phrases and sentences to describe persons and things familiar to him/her
5. write short simple texts on familiar topics and fill in forms
6. demonstrate basic understanding of some aspects of the culture of the target language countries/communities
7. relate elements of his/her existing cultural awareness to elements of the culture of the target countries/communities
8. identify and apply basic strategies for learning languages
9. apply basic study skills and tools to the learning of the target language

Content

By the end of S7, the student should have acquired:

- basic knowledge of pronunciation, intonation and spelling rules
- knowledge of basic vocabulary and expressions
- knowledge of basic morphology and basic grammatical structures
- knowledge of how to use dictionaries and other resources, including digital ones
- an awareness of some aspects of the culture of the Luxembourgish language
- an awareness of language learning strategies including an awareness of their own progress

Contact

For further information, please contact the Luxembourgish language teacher, Mr Larry Bonifas (larry.bonifas@teacher.eursc.eu).

L5 MODERN GREEK Νέα Ελληνικά

Complementary course
2 periods per week



All students can take this course

Objectives

By the end of S 7, the student should be able to:

1. understand familiar words and everyday expressions relating to himself/herself, his/her family and his/her environment, if people speak slowly and distinctly
2. read and understand short, simple texts of an everyday nature
3. interact in a simple way, and ask and answer simple questions in areas of practical need or on very familiar topics
4. use simple phrases and sentences to describe persons and things familiar to him/her
5. write short simple texts on familiar topics and fill in forms
6. demonstrate basic understanding of some aspects of the culture of the target language countries/communities
7. relate elements of his/her existing cultural awareness to elements of the culture of the target countries/communities identify and apply basic strategies for learning languages
8. apply basic study skills and tools to the learning of the target language

Content

By the end of S 7, the student should have acquired:

- basic knowledge of pronunciation, intonation and spelling rules
- knowledge of basic vocabulary and expressions
- knowledge of basic morphology and basic grammatical structures
- knowledge of how to use dictionaries and other resources, including digital ones
- an awareness of some aspects of the culture of the target language countries/communities
- an awareness of language learning strategies including an awareness of their own progress

Contact

For further information, please contact Ms Vasiliki Knitou (knitouva@teacher.eursc.eu).

L5 PORTUGUESE

Complementary course
2 periods per week



Objectives

The main objectives of this course are the following:

- understand written and oral conversations in standard Portuguese and understand the main point in short, clear, simple messages and announcements;
- communicate in simple and everyday language about familiar and everyday issues (family, the house, school, friends, hobbies, weekly activities, food, restaurant, ...);
- write in simple words about several and various topics
- get to know the Portuguese cultural heritage in Portugal and around the world through videos, songs, articles, movies, ...

Content

Linguistic

- basic grammar rules, phonetics and vocabulary

Cultural

- general information about Portugal and Portuguese speaking countries
- traditions
- geography
- culture
- history
- ...

Contact

For further information, please contact the Portuguese coordinator, M. SEIXAS (dasilvja@teacher.eursc.eu).

L5 SPANISH

Complementary course
2 periods per week

Objectives

To understand and to produce written and oral simple texts in standard Spanish, especially those related to personal information and basic areas of communication: restaurants, shops, free time activities...

To gain the interest and some basic knowledge about Spanish culture.

Content

Linguistic: basic grammar rules, phonetics and vocabulary.

Cultural: general information about Spain and Spanish speaking countries, traditions, etc.

Contact

For further information, please contact Mr. García-Quiñonero, Francisco (francisco.garcia-quinonero-fernandez@teacher.eursc.eu).

LABORATORY BIOLOGY

Complementary course
2 periods per week

Objectives

The laboratory classes aim to develop practical techniques, develop critical sense, ability to work in group, development and application of the scientific method.

Content

The teacher is free to choose the experiments in relation to the subject matter of the optional course and the materials available.

Contact

For further information, please contact your Biology teacher.

LABORATORY CHEMISTRY

Complementary course
2 periods per week

This course is designed for students interested in an in depth study of chemistry through experimental work. Students wishing to study chemistry, biochemistry, medicine, veterinary science at University are strongly advised to take this course. For students wishing to study any engineering or science course, it is highly recommended to take a complementary practical course.

Objectives

- Deepen and consolidate knowledge of chemistry with experiments that complement the theory classes of the 4 period option course.
- Strengthen manual skills for the handling of chemicals and apparatus
- Develop powers of observation and the ability to write laboratory reports
- Teach students the scientific method

Content

The teacher is free to choose experiments of organic and inorganic chemistry in relation to the subject matter of the course in years 6 and 7.

Contact

For further information, please contact your Chemistry teacher.

LABORATORY PHYSICS

Complementary course
2 periods per week

Objectives

The aim of this course is to familiarise pupils with the experimental techniques and practices, which are at the heart of physics. This course is very useful for students who intend to pursue further studies in physics or in a related discipline, for it allows them to complete their approach to physics.

Content

Techniques of measurement in the different areas of physics are introduced during the two years. The accent is placed on the problems of how to take measurements, and how to treat data and errors arising from measurements.

Pupils are provided with modern equipment, which permits them amongst other things to utilise modern methods for the collection and analysis of experimental data. They will use different computer programs or their calculators to analyse data.

Contact

For further information, please contact your Physics teacher.

LATIN

Optional course
4 periods per week

LEGITE TEXTUS ORIGINALES – FUNDAMENTA EUROPAE!

The study of Latin in the 6th and the 7th years is a natural follow on from the work done during the previous four years. The course in 6th and 7th is taught in the student's mother tongue if 5 qualified candidates take this option. If not, the students will study the subject in their vehicular language or, if possible, in mixed language groups, in which the students use their mother tongue and the teacher teaches in two or three languages.

Objectives

By the end of S7, pupils should be able to

- read, understand and analyse literary and non-literary texts
- Show in-depth knowledge of the ancient world (in a scientific, legal, philosophical, literary or economic context)
- To present the ancient heritage in its various dimensions in a precise and differentiated way
- to use classical culture for the understanding of contemporary culture
- To deepen the relationship between Latin and other living languages
- To critically examine the accessible resources
- to see Latin as a springboard for personal and professional future

Content

For each of the years S6 and S7 there is a central theme that needs to be addressed.

At present, for example, it is "Homo et animal" - This is not only about the relationship between humans and animals, how the Romans used animals on a daily basis (for work, food, in the arena, when hunting etc.) but also about the wildlife in Roman times and the role of nature in general. We will also explore the use of animals for divination and talk about animals in Mythology.

This topic will be dealt with by reading a wide range of original texts and then discussed in a historical context or compared to our present situation. The students are thus immersed in Roman culture, literature, archaeology and philosophy.

In this way, the students not only learn a lot about antiquity, but also about the present and thus about themselves.

Ancient literature can be recognised as the basis of our European civilisation and as a source for understanding world literature.

Contact

For further information, please contact your Latin teacher, Mrs. Knitou Vasiliki (knitouva@teacher.eursc.eu) or the Latin coordinator, Mr. Naia (eduardo.naia@teacher.eursc.eu).

MATHEMATICS

In years 6 and 7, Mathematics can be studied at 3 levels:

- Elementary Course (3 periods/week)
- Standard Course (5 periods/week)
- Advanced Course (3 periods/week in addition of the standard course)

Students must follow either the Elementary or the Standard course. The advanced course is optional. Only students following the Standard Course may choose to follow the Advanced Course. All students must be in possession of a graphing but **non-CAS** calculator with the following specifications:

Required functionalities:

- Trigonometric functions
- Exponential & logarithm
- Numerical equation(s) solving
- 1-Var & 2-Var Statistics
- Factorials & combinations
- Binomial distribution
- Normal distribution
- Functions: Table of values
- Numeric integration
- Numerical differentiation
- Graphing

MATHEMATICS 3

Compulsory Course
3 periods per week

Objectives

This course is designed for students who will not study subjects in the future which may require an extensive knowledge of mathematics. It aims to help students to better understand the scientific and technical world around them while avoiding developing theoretical ideas. The course logically follows on from the 4-period course studied in the 4th and 5th years.

Content

- Analysis – problem solving, functions and basic calculus
- Statistics
- Probability

Contact

For further information, please contact your Mathematics teacher.

MATHEMATICS 5

Compulsory course
5 periods per week

Students must be familiar with those parts of the 5th year 6-period syllabus, which are necessary in order to follow the 5-period course.

Objectives

This course is designed for students who will benefit from having a solid mathematical foundation and who are likely to continue in Further Education to study Mathematics or subjects requiring an extensive knowledge of Mathematics (e.g. Engineering, Physics, Physical Sciences, ...). The course is a logical continuation of the 6-period course of the 4th and 5th years.

Content

- Analyses: sequences, functions and calculus
- Complex numbers
- Geometry in 2 and 3-dimensional space
- Probability
- Statistics

Contact

For further information, please contact your Mathematics teacher.

ADVANCED MATHEMATICS

Optional course
3 periods per week

Objectives

This course is designed for those students at ease with the subject and who are likely to study Mathematics or subjects requiring a high level of Mathematics (e.g. Physics, engineering,) at university or in further Education. The students will confront ideas and problems requiring insight and understanding.

Content

In the 6th Year

Compulsory parts:

- Foundations of Mathematics (sets theory, Vocabulary reasoning and proof, relations and functions)
- Arithmetic (congruencies, prime numbers)
- linear algebra (vector spaces, basic concepts of matrices, systems of equations)
- analysis classical theorems

In the 7th Year

Compulsory part:

- Linear Algebra (vector spaces and linear transformations, determinants, inverse of a matrix, systems of equations)
- Analysis (Taylor and Mc Laurin formulae, integration techniques, differential equations)

Optional part:

2 topics chosen from a list of 28. These topics are chosen according to the interests and requests of the pupils in the class.

Contact

For further information, please contact your Mathematics teacher.

MUSIC 2

Complementary course
2 periods per week

This course is open to all students, from a variety of musical backgrounds (school, private, conservatoire; pop/rock and classical) who are enthusiastic about music and are able to read and write music to some extent.

Objectives

The main objectives are to develop:

- a knowledge and understanding of musical styles, genres and traditions
- an appropriate and relevant knowledge and understanding of music theory
- aural awareness, analytical and score reading skills
- performing and composing skills
- an ability to apply musical knowledge in a critical and discerning way

Content

In years 6 and 7

- An outline of the musical styles and their characteristics
- An outline of 20th/21st century musical styles and their characteristics (including pop/rock/jazz)
- Score reading and analysis, identification of compositional techniques, technical aspects of score-reading.
- Performing music
- Composing music (using music technology and other means)
- Creating a portfolio containing compositions, performances, analyses, and other elements reflecting the musical development of the student

Contact

For further information, please contact your Music teacher or the Music coordinator, Mrs Britta Schwarze (schwarbr@teacher.eursc.eu).

MUSIC 4

Optional course
4 periods per week

This course is open to all students, from a variety of musical backgrounds (school, private, conservatoire; pop/rock and classical) who are enthusiastic about music. They should be able to read and write music and to perform to a reasonable level on an instrument or using their voice.

Objectives

The main objectives are to develop:

- a knowledge and understanding of musical styles, genres and traditions. This includes the development of Western classical music from medieval times to the present day, as well as having a wide appreciation of pop/rock/jazz and non-Western musical traditions.
- an appropriate and relevant knowledge and an understanding of music theory
- aural awareness, analytical and score reading skills
- performing and composing skills
- an ability to apply musical knowledge in a critical and discerning way

Content

In years 6 and 7

- An outline of the styles and their characteristics in the history of Western classical music (*medieval, renaissance, baroque, classical, romantic*)
- An outline of 20th/21st century musical styles and their characteristics (including pop/rock/jazz)
- Score reading and analysis, identification of compositional techniques, technical aspects of score-reading.
- Analysis of four set topics of different origins (details, such as special composers, styles or countries change yearly)
 1. Western art music in the 20th and 21st century
 2. Musical theatre and/or Jazz
 3. 21st century popular music
 4. Non-western music
- Performing music
- Composing music (using music technology and other means)
- Creating a comprehensive portfolio containing compositions, performances, analyses, and other elements reflecting the musical development of the student

Contact

For further information, please contact your Music teacher or the Music coordinator, Mrs Britta Schwarte (schwarbr@teacher.eursc.eu).

ONL (OTHER NATIONAL LANGUAGE)

Optional course
4 periods per week

Objectives

By the end of S7 pupils should reach language level B2. Pupils should be able to:

- understand normal speech on topics of general interest and current issues such as news, appropriate clips from radio and television programs, podcasts and short films.
- read and understand texts dealing with current issues where writers take particular positions. Pupils should also understand and analyse appropriate literary texts, including novels and poetry.
- interact with native speakers, participate in discussions on familiar topics and express personal opinions with relatively good fluency and spontaneity.
- present clear and detailed descriptions of a wide range of topics related to their area of interest and give reasons and explanations for opinions and plans.
- write clear and precise detailed texts, such as essays, reports, letters and blogs, that express views or impressions on a range of topics of general interest.
- show insights into and deeper understanding of the country's culture, including society, history, current affairs, literature and art in general.
- use a range of intercultural codes to respond to cultural stereotypes.
- take increasing responsibility for their own language learning.
- critically assess available resources and select those that are most reliable and appropriate for the given purposes and target group.

Content

During S6–7, the pupils shall further develop the knowledge and skills that have already been acquired during S4–5. Pupils should by the end of S6–7 have acquired:

- basic knowledge of dialects and knowledge of different language registers for different purposes.
- a wide range of vocabulary, including vocabulary relating to abstract concepts.
- a range of complex grammatical structures.
- strategies for independent information search using a range of resources, including ICT tools.
- knowledge of the culture of the country and of the culture of different groups within the target language, including the study of literary texts.
- independent learning strategies and the ability to evaluate one's own learning studies of literary texts.

Contact

For further information, please contact the ONL teachers:

(Catalan) Conor Hegarty (subject coordinator): conor.hegarty@teacher.eursc.eu

(Finnish) Minna Aalto: minna.aalto@teacher.eursc.eu

(Irish) Conor Hegarty: conor.hegarty@teacher.eursc.eu

(Maltese) Geraldine Borg: geraldine.borg@teacher.eursc.eu

(Swedish) Elina Sankiaho: elina.sankiaho@teacher.eursc.eu

PHILOSOPHY

The 4-period philosophy is not more difficult, but more profound. The two-period philosophy is more superficial and you don't have time to develop every aspect in detail.

In both courses, but especially in Ph4, you read and discuss original texts written by famous philosophers. A good knowledge of L1 is an advantage, especially in Ph4. The same applies in the other direction as well - philosophy often helps students to become better at L1.

The skills required are mastery of the language, logic, academic knowledge provided in class and learning how to write.

Philosophy has clear benefits for many future studies – anywhere where people care about critical engagement with the truth and questions of proof. It is as relevant, therefore, to future scientists and mathematicians as it is to future lawyers and politicians.

PHILOSOPHY 2

Compulsory course³
2 periods per week

Objectives

In the course of class study in these domains, the pupils will get to know the theories of several philosophers, from Antiquity, from the 16th-18th centuries and contemporary philosophers.

But it is not a question of learning theories or dates by heart...the idea is to better our understanding of ourselves and the world. And additionally, to learn to express ourselves effectively so that others can understand us.

Content

We learn to ask ourselves questions in four particular domains:

- Epistemology
 - Theory of knowledge
 - Theory of science
- Ethics
- Political philosophy
 - The state of nature and the social state
 - Democracy
 - Ideologies
- Anthropology
 - Existentialism
 - Essentialism

Contact

For further information, please contact the Philosophy coordinator, Ms. Knitou Vasiliki
(knitouva@teacher.eursc.eu)

³ This course is compulsory unless Philosophy is chosen as 4-period option.

PHILOSOPHY 4

Optional course
4 periods per week

Every student, whether a specialist in science or literature, can enroll on this course... and do well in it.

Nevertheless, some conditions apply:

- Good level in the language of the course as texts need to be understood and ideas expressed clearly and concisely. However, although the course is aimed at L1 students and students must follow it in the L1 if the course is available in their section, it is possible to study the subject through the medium of the L2 when it is not available in their own L1. Many students have done this with great success and it can also be a way of developing advanced competence in the language of instruction.
- Readiness to read, listen to, analyse and produce texts, arguments and ideas...the "tools" of reflection need to be acquired together with the ability and willingness to use them.

Objectives

But it is not a question of learning theories or dates by heart... the idea is to improve our understanding of the world and ourselves. And additionally, to learn to express ourselves effectively so that others can understand us.

Content

We learn to ask ourselves questions in four particular domains:

- Epistemology
 - Theory of knowledge
 - Theory of science
- Ethics
- Political philosophy
 - The state of nature and the social state
 - Democracy
 - Ideologies
- Anthropology
 - Existentialism
 - Essentialism

Contact

For further information, please contact the Philosophy coordinator, Ms. Knitou Vasiliki
knitouva@teacher.eursc.eu

PHYSICS

Optional course
4 periods per week

This course is open to all pupils. However, it is recommended that pupils who wish to take this course have shown a particular interest in physics during their 5th year. Pupils choosing this course must also have a good level of mathematical ability. 5-period mathematics course is recommended.

Objectives

In this course, scientific competences with physical contents and concepts (fields, interactions, oscillations and waves, quantum physics) are taught, which cover thematically large parts of an essential study of physics at a university. The course builds on the learned and well-known content and competences and develops new ideas and methods. It is not only intended to impart formula knowledge and calculations. The students are also to be brought closer to the entirety of physics, i.e. also experimental work, historical and philosophical aspects, work in groups and with digital tools and modern methods of communication.

Content

In the 6th year course, the gravitational force and potential are investigated, and thus movements in the gravitational field are described and explained. Later, the course includes the electric field and its basics. This concept is then applied to capacitors. The magnetic field covers basics such as the field of a coil, Lorentz force and induction. Both mechanical and electromagnetic vibrations and waves with a focus on optics are treated. In quantum physics, the photoelectric effect, Compton effect, wave-particle duality and the Bohr's atomic model are investigated.

Contact

For further information, please contact your Physics teacher.

POLITICAL SCIENCE

Complementary course
2 periods per week

This course is open to all students interested in the philosophies, foundational theories, diverse structures, practical functions and international relations which govern the (political) world in which we exist.

Conceptually rigorous, Political Science is deemed a university-level course requiring motivated, inquiring, reflective and balanced communicators.

Political Science aims to make a significant contribution to the development of future European (and global) citizens. By deepening and clarifying knowledge, learning relevant vocabulary, promoting a critical spirit and taking the initiative to broaden their awareness of the science of Politics, students prepare themselves to play an active role in future of the 21st Century world. Connections will be made with: History; (Political) Philosophy; Geography; Sociology; and, Economics.

Objectives

Over the course of S6 & S7, students should develop skills in:

- 1) **Gathering** and **sorting** political information;
- 2) **Analysing** and **evaluating** this information;
- 3) **Synthesising** information, in **applied** situations and **evaluating** these situations;
- 4) **Organising** and **expressing** ideas with **objective clarity** and **informed personal response**.

Content

- Democracy, Institutions & Government
- Power, the State, Sovereignty & Rights
- Different Forms of Political Regime
- The European Union
- Political Ideologies
- International Relations & Global Politics

Taking the Subject Further

This course is a respected asset for students with ambitions to study Politics, Philosophy, International Relations, Journalism, Law, Sociology and Economics (as well as many other subjects) at university. Political Science appeals to students who are already knowledgeable about aspects of the subject and also to those who wish to extend their intellectual horizons.

Contact

For further information, please contact the Political Science syllabus author and subject coordinator, Ms Ayesha Rana (ayesha.rana@teacher.eursc.eu).

SOCIOLOGY

Complementary course
2 periods per week

All students can choose this course.

The course is normally taught in the working language if the numbers choosing it are enough.

Sociology is the scientific study of society and human behaviour: how 'we' shape society, and how society forms 'us'. The aim is to inspire students to become more literate about the societies in which they exist. This course seeks to empower students with the vocabulary and critical thinking skills to recognise and analyse the constructs and structures that form human society across a diverse spectrum. Looking at life through both micro and macro lenses, nothing is taken for granted in the Sociology classroom. "Why do we...?" is the foundation of the key questions in this fascinating and engaging exploration. Our journeys towards informed, open-minded and educated outlooks are often as enjoyable as the conclusive destinations we reach.

Objectives

- To broaden the experience and perspectives of the students
- To understand and analyse the social system and group behaviour
- To compare social behaviour across cultures
- To raise the students' awareness of current social issues

Content

- Sociological Approaches: Key Concepts, Ideas and Issues
- Social Development and Socialisation
- Major Sociological Paradigms and Theories
- Sociology and the Scientific Method
- Social Groups, Inequality and Stratification
- Families, Relationships and Households
- Education and Society
- Crime and Deviance (+ *Introduction to Criminology*)
- Culture and Identity
- Work, Poverty and Welfare
- Beliefs in Society
- Global Development
- The Media
- Health and Illness

Contact

For further information, please contact the Political Science and Sociology coordinator, Ms. Ayesha Rana (ayesha.rana@teacher.eursc.eu).

SPORT

Complementary course
2 periods per week

This course is open to all students with a particular interest for the subject „sport“. Students should be open for several sports, because the course is based on different sports and activities. Students considering higher studies are recommended to take the „sport“ option to prepare the demanded pre tests of the university.

The complementary sport course engages students‘ interest in their physical development and further develops acquired competences through physical fitness, individual and team sports.

Objectives

- to get theoretical knowledge and background of the different sports
- to link theory and practice
- to apply the knowledge of health and fitness to plan and evaluate his own healthy lifestyle
- to turn ideas into action
- to organize his own learning within the subject

Content

- A. To develop an extra depth of knowledge, skills and attitude that students have acquired during their PE lessons in cycle 1 (S1-3) e.g. (ball games, swimming, gymnastics, athletics...).
- B. To introduce sports / activities which students have not experienced during their PE lessons in cycle 1 (S1-3) and cycle 2 (S4-5) e.g. (climbing, cycling, ice skating, canoe, self-defense, hiking, first aid, ...).

The teachers‘ and students‘ interest and local facilities may determine this.

Contact

For further information, please contact your Physical Education teacher or the Physical Education coordinator, Ms Carla Coppola (carla.coppola@teacher.eursc.eu).

STS (SCIENCE, TECHNOLOGY, AND SOCIETY)

Compulsory course⁴
2 periods per week

Objectives

- The 2-period Science, Technology, and Society (STS) course is designed for pupils who are not enrolled in any 4-period science option in S6-7. However, pupils who are enrolled in physics, chemistry, and/or biology are also encouraged to enroll in this course.
- The goal of the 2-period Science, Technology, and Society syllabus is not that pupils should acquire content knowledge by rote, but rather that they integrate the cross-cutting concepts and master the subject competences in order to be able to **make informed personal decisions and act as responsible citizens in contexts where science literacy is required**.
- This course builds upon the work in integrated science and the S4-5 science courses. **The syllabus is designed for pupils whose higher studies and future careers will probably not be in STEM fields.**
- The principal goal is to foster science literacy, through five topics (chosen from seven options) of immediate importance to pupils' everyday lives, and a project.
- In addition to the content themes, pupils will gain an appreciation of science as a process for generating reliable knowledge about the natural world and apply the competences of digital and information literacy to finding and assessing reliable sources from and about science.

Content

- **Brains, minds, intelligences, and learning** – *Human understanding of understanding—our own, other organisms, machine-based.*
- **Climate Change and Biodiversity** – *How our planet's climate is changing, and what it means for us and all living things on Earth.*
- **Developing Technologies** – *Thinking through our increasing power to manipulate and control ourselves and the world around us.*
- **Energy** – *How everything happens: energy sources, transformation, use, and conservation.*
- **Food, Nutrition, and Health** – *What we eat: exploring food production, distribution, consumption, processing, politics, nutrition sciences, marketing, and personal health.*
- **Personal and Public Health** – *Health for individuals and groups: infectious, systemic, and environmental diseases, and how we protect ourselves and each other.*
- **Water** – *The most abundant natural resource for us and all living things on Earth.*
- **Project** – *An opportunity to explore at least one of this course's topics in depth.*

Contact

For further information, please contact the STS coordinator, Ms Mara Ferreira (mara.ferreira@teacher.eursc.eu).

⁴ STS is compulsory only for those pupils who do not choose a science from the optional subjects (Biology, Chemistry and Physics).

TECHNICAL DRAWING

Complementary course
2 periods per week

Objectives

If you want to become an engineer / construction, interior design, architecture, mechatronics, mechanics / then this course is dedicated especially to you.

This subject will allow students to obtain acquire the following capacities:

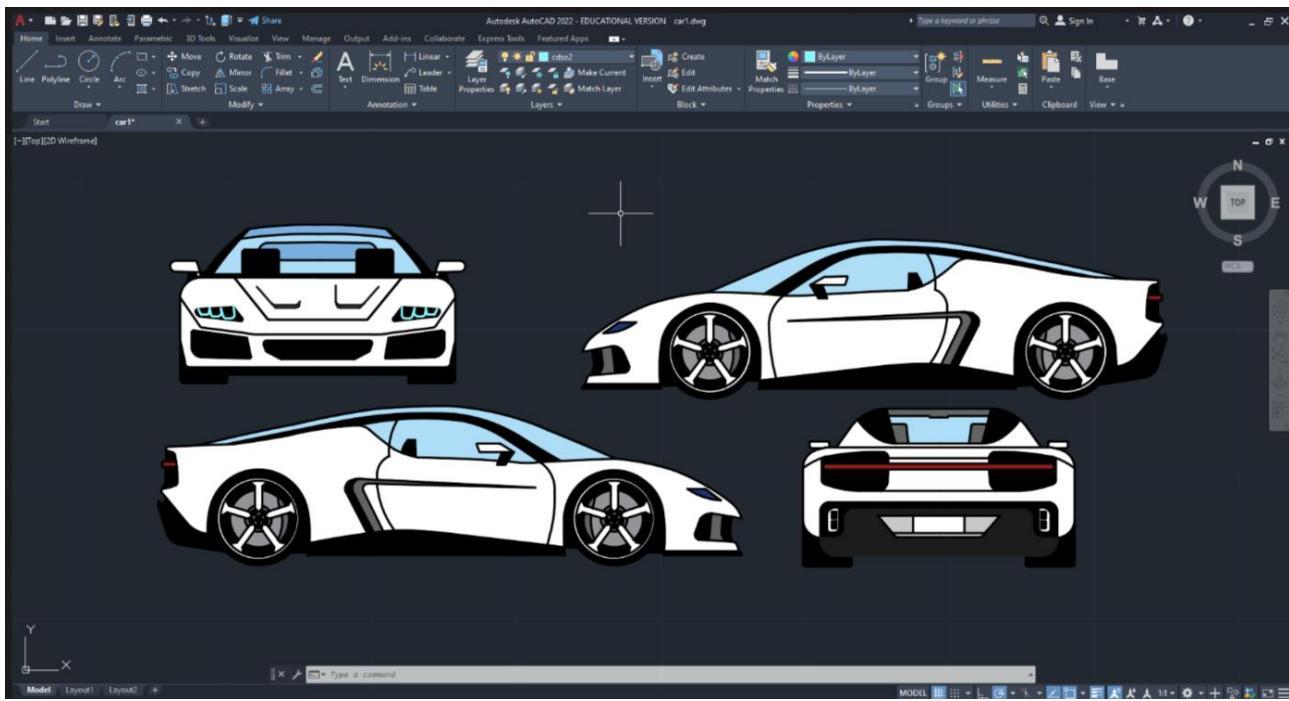
1. Value the possibilities of technical drawing as an instrument for investigation, and understanding the universality of the objective language in the transmission and comprehension of information.
2. Develop the capacities which enable them to express with precision and objectivity the graphical solutions.
3. Understand the fundamentals of technical drawing to apply them to the reading and interpretation of plain designs and artistic products, and to elaborate reasoned solutions for geometrical problems both in the plane and in space.
4. Understand normalisation as the ideal conventionalism to simplify, not only production, but also communication, giving it a more universal character.
5. Integrate the activities of technical drawing in a cultural field where the relevance of aesthetic aspects is present, such as art, architectonic design, or industrial design
6. Understand and represent shapes, following the norms UNE and ISO
7. Understand that the diversity of plastic techniques improves the conventional conception of technical drawing.
8. Integrate the knowledge given by technical drawing into investigation processes, including scientific, artistic, or technological.
9. Encourage method and reasoning in drawing, as a means of transmission of scientific-technical ideas.
10. Develop skills which allow expressing graphical solutions with precision, clarity, and objectivity.
11. Use the specific instruments of technical drawing skilfully, and value the correct finishing of the drawing, as well as the improvements that diverse graphical techniques can introduce in representation.
12. Develop the skill to create sketches, to attain speed and precision in the graphical expression.
13. Relate the space to the plane, understanding the need to interpret the volume in the plane, through the systems of representation.
14. 3D modeling in Autocad 2021, Inventor 2021 and others

Content

The content is divided in three big THEMATIC BLOCS:

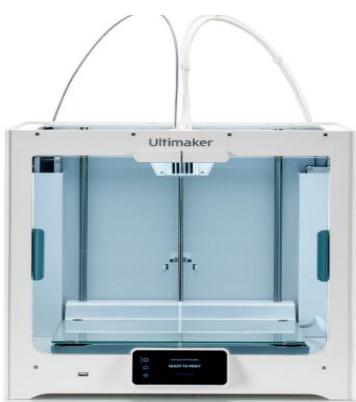
- I. GEOMETRIC DRAWING: Metric applied geometry
- II. DESCRIPTIVE GEOMETRY: Representation systems
- III. NORMALISATION
- IV. INDUSTRIAL DESIGN

Projects made by students in the technical drawing subject:





The photos show the use of computer applications such as AUTOCAD 2022, TINKERCAD, SKETCHUP and others.



We print our designs on a 3D printer

Contact

For further information, please contact Mr Tomasz Prokop (tomasz.prokop@teacher.eursc.eu).