



Senior High Year 10 & 11 Curriculum Handbook

FOR THE **NATIONS**

*"Pojď sem, synu, uč se moudrým býti."
"Come here, son, and learn to be wise."
J. A. Komenský (1592 - 1670)*

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Our Curriculum Aim

In keeping with the Aims and Objectives of Riverside School:

- *provide high quality education in the English language;*
- *prepare students for higher education, the world of work and to become active citizens;*
- *provide a broad and balanced curriculum to nurture and strengthen each student's intellectual, spiritual, social and physical growth and development and lead to achievement for all students;*
- *provide students with internal and external accreditation, through internal assessment and external examinations.*

Introduction to the Senior High School Curriculum

IGCSE Programme (Years 10 and 11)

During Years 10 and 11 students study International General Certificate of Secondary Education (IGCSE) external examination courses governed by the Cambridge Assessment International Education and Edexcel Examination Boards. IGCSEs are the world's most popular international qualifications for 14 to 16 year-olds. They are a gateway to higher level courses, including the International Baccalaureate (IB) Diploma Programme.

IGCSE courses take two years to complete with external examinations written in May/June of Year 11. Results are issued in August.

IB Diploma Programme (Years 12 and 13)

In Years 12 and 13 students have the opportunity to study the International Baccalaureate (IB) Diploma Programme. The IB Diploma Programme is a highly respected and academically challenging programme that gives students a unique opportunity to graduate with an international diploma that is recognized by the best universities worldwide.

The IB Diploma Programme takes two years to complete with external examinations written in May of Year 13. Results are issued in July.

Our Curriculum Aim

High School Diploma (Years 10 through 13)

The High School Diploma is a four year programme of accreditation towards higher education based on the US education model. Students are awarded credits for each subject they successfully complete and their end of year grades are converted to a Grade Point Average (GPA). Student progress and attainment is internally assessed and students who achieve the required number of credits (23) are awarded a High School Diploma at the end of Year 13. The Diploma is accredited by the New England Association of Schools and Colleges (NEASC) and is recognised by a number of countries and is a college requirement in North America.

Credits and a High School Diploma are awarded to all successful students, irrespective of their educational destination.

PSAT, SAT & ACT Tests

These US Tests may be taken in the final three years of High School. The Diploma, combined with the student's GPA and SAT or ACT score will determine college entrance in the US and other international universities.

Note: The results of external examinations (including SAT, ACT, IGCSE, and IB) do not influence the internal marks, credits or High School Diploma. Both are separate. The Diploma is awarded when the student leaves the school at the end of Year 13.

Subject Syllabi

Subject: IGCSE Art & Design

Examination Board and Syllabus Code: Cambridge International (0400)

Course Description:

The Visual Arts enjoy a high profile at the Senior High and are suited to students who are creative, enthusiastic and imaginative, who enjoy exploring different materials, and who wish to learn how to produce quality work. At Riverside, you will have the exciting opportunity to work in 2D, 3D and digital art forms, and also see your work presented in the Arts Centre Gallery. Through a range of practical activities, you will learn to respond in a personal way to different themes and ideas, with increasing freedom to develop your own individual projects as you progress through the course. We welcome medium and high abilities, and there is also a busy schedule of extra curricular Art & Design opportunities to support candidates who wish to broaden their skills further.

IGCSE Art & Design encourages students to learn a range of new techniques, and follow their own personal projects in Fine Art. During this process, you are encouraged to artistically experiment and take risks. By experimenting with a range of media and materials, you will see yourself improve, and develop confidence in communicating your personal ideas effectively. You will continue to develop your critical thinking in response to a range of artists and designers, and become increasingly confident in presenting and critiquing your own work, and the work of others.

Topics Include:

IGCSE Art & Design is made up of coursework and an externally set assignment. You will be assessed against four criteria in each section. The 4 Assessment Objectives are:

- AO1 Record - Record ideas, observations and insights relevant to intentions as work progresses
- AO2 Explore - Explore and select appropriate resources, media, materials, techniques and processes
- AO3 Develop - Develop ideas through investigation, demonstrating critical understanding
- AO4 Present - Present a personal and coherent response that realises intentions and demonstrates understanding of visual language.

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- Internal Coursework Unit 50%
- Internal Final Exam Unit 50%

External (IGCSE) Assessment:

- Art & Design Internal Coursework (50%): A personal portfolio of Art and Design selected from the projects completed in Years 10 and 11. Students produce 4 x (A2) preparatory sheets and then produce a large scale final piece.
- Final External Exam (50%): A broad theme will be given, with a range of starting points. From this students will make a personal response using materials and processes of their choice as their final exam in Year 11. Students produce 2 x (A2) preparatory sheets, and sit an 8 hour practical exam.

Textbooks/Resources:

- Cambridge IGCSE Art and Design Student Book by Garry Whitehead

Subject: IGCSE Business

Examination Board and Syllabus Code: Cambridge International (0264)

Course Description:

The Cambridge IGCSE Business syllabus develops learners' understanding of business activity in the public and private sectors, and the importance of innovation and change. Learners find out how the major types of business organisations are established, financed and run, and how their activities are regulated.

Topics Include:

Business IGCSE curriculum is divided into six themes as follows:

- Understanding business activity
- People in business
- Marketing
- Operations management
- Financial information and decisions
- External influences on business issues

Internal Assessment:

Riverside grades reported at the end of the Autumn and Spring Terms are based approximately on:

- Assignments 40%
- Folder/Organisation 10%
- Tests 50%

External (IGCSE) Assessment:

In January of Year 11 students will take a mock examination to gauge their preparedness for final examination in May/June of Year 11. Students who pass the mock examination will be entered for the following IGCSE examination paper(s):

- Paper One (1 ½ hours) – Short answer & data response questions 50%
- Paper Two (1 ½ hours) – Case study questions 50%

Textbooks/Resources:

- Cambridge IGCSE Business Studies By Karen Borrington and Peter Stimpson (fifth edition)

Subject: IGCSE Computer Science

Examination Board and Syllabus Code: Cambridge International (0478)

Course Description:

Computer Science offers students the opportunity to learn how to solve practical problems using a computer. The course covers a wide range of topics related to the creation of software and systems that can be used in a variety of different contexts from web-based applications to control systems.

Although the course is assessed by two written papers, the second examination includes assessment of the students' understanding of practical programming skills learned in class beforehand.

Topics Include:

- Data Representation
- Data Transmission
- Hardware
- Software
- The Internet and its Uses
- Automated and Emerging Technologies
- Algorithm Design and Problem Solving
- Programming
- Databases
- Boolean Logic

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- Assignments 25%
- Projects 40%
- Bookwork 10%
- Tests 25%

External (IGCSE) Assessment:

In May of Year 11, the students will write the following IGCSE examination papers:

- Paper One: Theory 50%
- Paper Two: Algorithms, Programming and Logic 50%

Textbooks/Resources:

We currently use the Second Edition of the Cambridge IGCSE Computer Science Textbook by *Watson and Williams* as our main textbook, alongside a range of digital resources including online Integrated Development Environments (IDEs).

Students are introduced to a variety of programming languages throughout the course, including Python.

Course Description:

The course aims to provide students with an understanding and knowledge of the principles and applications of biology, chemistry and physics. The co-ordinated approach emphasises that many of these principles and concepts are common to all science, and promotes scientific inquiry through practical and investigative work.

The course is a double award, equivalent to two IGCSEs. The following list shows the key topics covered within the course.

Topics Include:

Biology

- Characteristics of living organisms
- Cells
- Biological molecules
- Enzymes
- Plant nutrition
- Animal nutrition
- Transport
- Gas exchange and respiration
- Coordination and response
- Reproduction
- Inheritance
- Organisms and their environment
- Human influence on ecosystems

Chemistry

- States of Matter
- Atoms, elements and compounds
- Electrochemistry
- Chemical energetics
- Chemical reactions
- Acids, bases and salts
- The Periodic Table
- Metals
- Chemistry of the environment
- Organic chemistry
- Experimental techniques and chemical analysis

Physics

- Motion and forces
- Work, energy and power
- Thermal physics
- Properties of waves, including light and sound
- Electricity and magnetism
- Electric circuits
- Electromagnetic effects
- Nuclear physics
- Space physics

Internal Assessment

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- Tests and Quizzes 40%
- Practicals 20%
- Assignments 30%
- Binder and Organisation 10%

External (IGCSE) Assessment

In May/June of Year 11 the students will write the following IGCSE examination papers:

- Paper 1 or 2 Core/Extended Multiple Choice 30%
- Paper 3 or 4 Core/Extended Short Answer 50%
- Paper 6 Alternative to Practical 20%

Textbooks: Complete Chemistry for Cambridge IGCSE (Oxford University Press)

Complete Physics for Cambridge IGCSE (Oxford University Press)

Complete Biology for Cambridge IGCSE (Oxford University Press)

Subject: First Language Czech

Course Description:

The First Language Czech syllabus is designed for learners whose first language is Czech.

In year 10 they will cover the content of the final year of compulsory Czech education, and take the final exams leading to vysvědčení. There will no longer be early morning Czech for Czech classes except Czech history. The course develops learners' ability to communicate clearly, accurately and effectively. Great emphasis is put on the development of a positive attitude to the native language and Czech culture in a broader European context. Students learn how to employ a wide-ranging vocabulary, use correct grammar, spelling and punctuation, and develop a personal style and an awareness of the audience being addressed.

In year 11 students have two options. The syllabus of both courses is designed as a pre-IB Czech Literature programme focused on the development of the skills needed for success in IB Czech Literature in years 12 and 13. Students of this course will learn how to read and write different texts and both immersive and critical reading skills will be developed. Learners are encouraged to read widely, both for their own enjoyment, edification and in order to develop an appreciation of a writer's choices. Students will study conventions of literary genres and strategies for writing analytical and critical literary commentaries.

Option A2 will do this while placing more emphasis on the cultural, historical and political contexts from which these texts have emerged – and coming face-to-face with the people and places that have inspired their creation. Students create their own projects: this year it was a multimedia exhibition on the 35th anniversary of the Velvet Revolution for the Riverside community. They discussed this topic with Bishop Václav Malý. They saw this year's hit movie Waves and learnt to analyse the artistic work; after a media course, they visited Czech Public Radio and could view "forbidden books", the exile and samizdat exhibition in Libri Prohibiti Library. After an overview of the Czech political system in T3 they will visit the Czech Parliament and meet the politicians during activity week in June. A1 students are also invited to take part in the trips.

Topics include:

- Slovní zásoba a význam slova
- Nauka o tvoření slov
- Tvarosloví
- Skladba
- Pravopis
- Zvuková stránka jazyka
- Komparativní lingvistika - důraz na pochopení rozdílů mezi angličtinou, češtinou a dalšími jazyky
- Obecné výklady o jazyce
- Slohotvorní činitelé objektivní a subjektivní
- Slohové rozvrstvení jazykových prostředků
- Slohové postupy a útvary
- Mluvený projev, proslov
- Základy rétoriky a komunikace
- Všestranné jazykové rozbory
- Umělecký funkční styl
- Literární komentář
- Literární esej
- Kreativní psaní
- Vybraná díla české i světové literatury (povídky, novela, román, poezie)
- Čtení současných publicistických textů
- Analýza audiovizuální umělecké tvorby
- Dějinný s společenský kontext moderních dějin s důrazem na 20. Století
- Mediální vzdělávání

Subject: First Language Czech

Textbooks/Resources:

- Český jazyk 9 – učebnice a pracovní sešit pro základní školy a víceletá gymnázia (Fraus)
- Čítanka 9 (Fraus event. další)
- Komunikace a sloh – učebnice českého jazyka pro střední školy (Fraus), Klíč ke slohu (Albatros)
- Vybraná díla české literatury (poezie, povídky, novela, román)
- Učebnice Teorie literatury nakladatelství Fraus
- Žánrové a tematické antologie
- Minulá zadání zkoušky IGCSE (čtení s porozuměním a srovnávání textů)
- Vzdělávací materiály Knihovny Václava Havla
- ČTEdu
- Jeden svět na školách
- Portál Moderní dějiny
- umimecesky.cz

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms in year 10 are based on:

- | | |
|------------------------|-----|
| • Tests | 40% |
| • Written assignments | 30% |
| • Homeworks | 20% |
| • Attitude to Learning | 10% |

Final internal Assessment:

Y10 - End of Year Exams, the final exam of compulsory Czech education in the first week of June.

In May of Year 11 the students will write the following examination papers:

- | | |
|---|-----|
| • Paper One – Reading (Čtení s porozuměním) | 50% |
| • Paper Two – Writing (Slohová práce) | 50% |

Subject: Czech for Foreigners

Course Description:

The Czech as a Foreign Language syllabus is designed for learners for whom Czech is an additional language. The aim of the course is to develop their ability to communicate effectively in Czech and to get to know Czech culture, history and famous Czech personalities, so that during their long-term stay in Prague they can navigate common communication situations, establish a relationship with the Czech community and feel more at home here.

The course is based on the four key language skills: listening, reading, speaking and writing. As students progress, these skills are developed using the European Reference Framework for Foreign Languages. Depending on a student's knowledge at the start of the course and the progress that is made over the two-year course, they have the opportunity to take exams at A1, A2 or B1 levels. There is also the possibility that students can be entered for the Certified exam for Foreigners at Charles University.

Topics include:

- Where is it? When is it?
- Food and drink
- My family
- What did you do today?
- Houses and flats
- Planning our weekend
- The human body
- The place we live
- On holiday/Traditional holidays
- Talking about weather
- Technology and communication
- Fashion yesterday and today/Life stages
- Cooking and weighing
- We like animals
- Talking about work
- Culture and us
- The Czech Republic step by step
- Czech history and culture
- Famous Czechs

Internal Assessment:

Riverside grades are based on:

- Assessments 45%
- HW/CW 25%
- Target Language 20%
- Attitude to Language 10%

Textbooks/Resources:

- Holá, Lída: Czech step by step, 1 (A1-A2) – textbook & workbook
- Holá, L.: Pohádky pro cizince
- Holá, L.: Staré pověsti české pro cizince
- Lewis, C.: Alenka v říši divů (pro cizince)
- Kořánová: Česká čítanka
- <https://www.umimecesky.cz/>
- <https://www.skolasnadhledem.cz/>
- <https://www.mojecestina.cz/>
- <https://edu.ceskatelevize.cz/>
- <https://levouzadnionline.cz>
- other online materials (e. g. news, ctedu.cz etc.)

Subject: Design Technology

Course Description:

Design Technology is a practical course that is designed to take place in the new Technology Centre. Students will develop essential skills to become creative makers and problem solvers in the modern world. They will learn to use both digital and analogue tools.

Topics include:

DIGITAL	ANALOGUE
<ul style="list-style-type: none">● 3D Printing & laser cutting● CAD Design software● CNC Routing● Microcontroller solutions (eg Arduino)● Robotics	<ul style="list-style-type: none">● Woodworking & carpentry● Electrical circuit design & soldering● Textiles & embroidery

The skills will be taught and developed through collaborative projects. These projects will not only give students experience in working in teams, but also train students in the crucial design process central to so many industries: identifying needs, conceptual design, prototyping and improvement, and final production.

The exact nature of the projects will be influenced both by student interests and the production of practical solutions that will benefit the school community.

Internal Assessment:

Students will be assessed on their ability to work in a team as well as the development of the skills in all areas of the design and production process.

Subject: IGCSE Drama

Examination Board and Syllabus Code: Cambridge International (0411)

Course Description:

Through a blend of practical and theoretical study, students gain a deeper understanding and appreciation of drama while honing both ensemble and solo performance skills. The course encourages the students to study a wide range of genres, practitioners, and techniques that inform and support their creative choices.

Students explore the performance potential of texts and analyze extended extracts from published plays across various genres. Through collaboration, students create original dramatic works inspired by diverse stimuli, which, along with a monologue and an ensemble-scripted piece, are submitted as coursework.

Topics Include:

IGCSE Drama consists of practical coursework and an external written examination. The objectives for the course are:

- Understanding repertoire: Candidates will be assessed on their ability to demonstrate knowledge and understanding of the possibilities of repertoire, and how to interpret and realise it in a live performance.
- Devising: Candidates will be assessed on their ability to devise dramatic material and reflect on its effectiveness.
- Acting skills: Candidates will be assessed on their acting skills and their ability to communicate effectively to an audience.

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- Practical Contribution 60%
- Formal Written Assessments 40%

External (IGCSE) Assessment:

- Coursework is filmed over Years 10 and 11 and submitted to Cambridge International to be moderated externally.
- Coursework (60%): Three filmed pieces: A monologue, a group devised performance and a group performance from a published script
- Written Exam (40%): An essay exam with questions regarding acting, directing, devising and interpreting; based on a pre-released script and an original devised piece (2 hours, 30 minutes)

Subject: IGCSE Economics

Examination Board and Syllabus Code: Cambridge International (0455)

Course Description:

The Cambridge IGCSE Economics syllabus develops an understanding of economic theory, terminology and principles. Learners study the economics of different countries and how these interrelate. They also learn to work with simple economics data and to use the tools of economic analysis. Learners apply understanding of economics to current economic issues.

Topics Include:

The Economics IGCSE curriculum is divided into eight themes as follows:

- The basic economic problem
- The allocation of resources
- Microeconomic decision makers
- Government and the macro economy
- Economic development
- International trade and globalisation

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- Homework and Classwork 50%
- Binder and Organisation 10%
- Formal Assessments 40%

External (IGCSE) Assessment:

In May of Year 11, students will write the following IGCSE examination papers:

- Paper One - multiple choice 30%
- Paper Two - structured questions 70%

Textbooks/Resources:

- Cambridge IGCSE Economics By Paul Hoang and Margaret Ducie

Subject: IGCSE English Language and Literature

Examination Board and Syllabus Code: Edexcel (4EA1 and 4ET1)

Course Description:

The IGCSE English A syllabus is designed to foster student development in the areas of reading, writing, speaking, and listening; woven through these four key areas is a specific focus on critical thinking and analysis. Students are encouraged to read with insight and engagement and to write clearly and imaginatively. A variety of genres is introduced, including poetry, drama, fiction and non-fiction. In both reading and writing, great emphasis is given to examining the techniques a writer employs to accomplish a specific purpose or achieve a desired effect.

Topics include:

The core content of the course is as follows:

Edexcel Language Anthology: Section A

- Reading and responding to a variety of texts (non-fiction, poetry and prose)
- Writing to:
 - explore, imagine, entertain
 - argue, persuade, advise

English Literature

- Poetry
- Drama: Study and Coursework
 - *Romeo and Juliet* by William Shakespeare and *Kindertransport* by Diane Samuels or *An Inspector Calls* by J.B. Priestley
 - Two Formal Essays
- Prose Study: *Of Mice and Men* by John Steinbeck

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- Classwork and Homework 50%
- Formal Assessment 50%

External (IGCSE) Assessment:

In Year 11 the students will be assessed in the following way:

English Language:

- Paper One 60%
- Paper Two 40%

English Literature:

- Paper Three, Drama Coursework 40%
- Paper One 60%

Textbooks/Resources:

- Edexcel IGCSE English A & B Student Book (By Pam Taylor, Roger Addison, and David Foster)
- *Romeo and Juliet* by William Shakespeare
- *Kindertransport* by Diane Samuels
- *An Inspector Calls* by J.B. Priestley
- *Of Mice and Men* by John Steinbeck

Subject: IGCSE English as a Second Language

Examination Board and Syllabus Code: Cambridge International (0510)

Course Description:

This course is designed for second language English learners who want to consolidate their understanding in order to progress in their academic or professional careers. The qualification reflects the widespread use of English in education, commerce, and entertainment. The aim is to achieve a level of practical communication ideal for everyday school use, which can also form the basis for a more in-depth study of English.

The course will:

- develop learners' ability to use English effectively for the purpose of practical communication
- develop learners' awareness of the nature of language and language-learning skills
- develop transferable skills to complement other areas of the curriculum
- promote learners' personal development and enjoyment.

Reading Skills

understanding of specific factual information
understanding of the connections between the ideas, opinions and attitudes
identifying and selecting details for a specific purpose
understanding of implied meaning

Writing Skills

communicate information, ideas and opinions
organise ideas into coherent texts, using a range of linking devices
use a range of appropriate grammatical structures and vocabulary
use appropriate register and style for the given purpose and audience

Listening Skills

specific information
speakers' ideas, opinions and attitudes
the connections between ideas, opinions and attitudes
what is implied but not directly stated

Speaking Skills

communicate a range of ideas, facts and opinions
demonstrate control of a range of vocabulary and grammatical structures
develop responses and maintain communication
demonstrate control of pronunciation and intonation

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- | | |
|-------------------------------|-----|
| • Classwork and formal tests: | 75% |
| Writing | 25% |
| Reading Comprehension | 25% |
| Speaking and Listening | 25% |
| • Homework: | 25% |

External (IGCSE) Assessment

In May of Year 11 students take 4 IGCSE examinations:

- | | |
|---------------------------------|---|
| • Paper 1 - Reading and Writing | 70% |
| • Paper 2 - Listening | 30% |
| • Paper 3 - Speaking Exam | 40 marks (must be taken but does not contribute to total)
A separate certificate is issued |

Subject: IGCSE French

Examination Board and Syllabus Code: Cambridge International (0520)

Course Description:

The French syllabus offers students a thorough grounding in basic concepts of the French language. Students learn to apply a range of grammatical and idiomatic structures to five vocabulary topics, which relate to everyday language use. In the final assessment, there is an equal weighting between listening, speaking, reading and writing skills. Cambridge IGCSE French enables the learner to communicate competently about a range of topics and prepares students to follow the IB French B course at higher or standard level.

Topics include:

- Everyday activities
- Personal and social life
- The world around us
- The world of work
- The international world

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- Assessments (end of each half-term) 45%
- Tests (e.g. vocab and grammar tests) 25%
- Classwork/Homework 20%
- Attitude to Learning 10%

External (IGCSE) Assessment:

In May of Year 11 students take 4 IGCSE examinations for French.

- Paper 1 - Listening Comprehension 25%
- Paper 2 - Reading Comprehension 25%
- Paper 3 - Speaking Exam 25%
- Paper 4 - Writing 25%

Textbooks/Resources:

- Cambridge IGCSE French Foreign Language by Yvette Grime and Jayn Witt
- Websites for use in class but also independent work:
 - [ActiveLearnPearson](#)
 - [Memrise](#)
 - [tv5monde](#)
 - [1jour1actu](#)

Subject: IGCSE Geography

Examination Board and Syllabus Code: Cambridge International (0460)

Course Description:

Geography has a pivotal role in the creation of a balanced and rounded education for all. It takes students into social, economic and political thought and argument; into understanding the physical processes that help account for the environment and through these studies into moral and spiritual development. Geography is about people's lives, and therefore contains a future dimension. Geography has potential to help young people make sense of the world, themselves and their place within it. Thinking geographically enhances a student's capacity to integrate and synthesise knowledge and understanding from across the sciences, humanities, and the arts.

Topics include:

The core content of the course is as follows:

- Population and Settlement
 - Population, Migration, Settlements, Urbanisation
- The Natural Environment
 - Plate Tectonics, Rivers, Coasts, Weather, Climate and Ecosystems
- Economic Development
 - Development, Food Production, Agriculture, Industry, Energy, Tourism, Water
- Geographical and Field Work Investigation Skills focus

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- Assignments and Essays 40%
- Assessments 50%
- Notes, Participation, and Organisation 10%

External (IGCSE) Assessment:

In May of Year 11 the students will write the following IGCSE examination papers:

- Paper One 45%
- Paper Two 27.5%
- Paper Four 27.5%

Textbooks/Resources:

- Complete Geography for Cambridge IGCSE by David Kelly and Muriel Fretwell
- IGCSE Geography by Garrett Nagle and Paul Guinness
- <http://www.thegeographeronline.net/>
- <https://www.geographyalltheway.com/>

Subject: IGCSE German

Examination Board and Syllabus Code: Cambridge International (0525)

Course Description:

The German syllabus introduces learners to language and culture in the German speaking world. Students learn to apply a range of grammatical and idiomatic structures to five vocabulary topics, which relate to everyday language use. In the final assessment, there is equal weighting between oral, aural, reading and writing skills. Cambridge IGCSE German enables the learner to communicate competently about a range of topics and prepares students to follow the IB German B course at higher or standard level.

Topics include:

- Everyday activities
- Personal and social life
- The world around us
- The world of work
- The international world

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- | | |
|---|-----|
| ● Assessments (end of each half-term) | 45% |
| ● Classwork and Homework, including vocab and grammar quizzes | 25% |
| ● Use of target language | 20% |
| ● Attitude to Learning | 10% |

External (IGCSE) Assessment:

In May of Year 11 students take 4 IGCSE examinations for German.

- | | |
|-------------|-----|
| ● Listening | 25% |
| ● Reading | 25% |
| ● Speaking | 25% |
| ● Writing | 25% |

Textbooks/Resources:

- *Cambridge IGCSE German Foreign Language Textbook*
- *Cambridge IGCSE German Foreign Language Workbook*, by Helen Kent, Marian Jones
- Websites for use in class but also independent work:
 - [ActiveLearnPearson](#)
 - [Kerboodle: Oxford University Press](#)
 - [Memrise](#)
 - [dw.com](#)
 - <https://www.deutsch-lernen-online.net/>

Subject: IGCSE History

Examination Board and Syllabus Code: Cambridge International (0470)

Course Description:

The History syllabus offers students the opportunity to study some of the major international issues of the 20th century, as well as looking in greater depth at the history of Soviet Russia. The emphasis of the course is for students to acquire historical knowledge as well as the skill set required to analyse historical evidence. Students will develop an understanding of key historical concepts such as cause and consequence, change and continuity and similarity and difference. Students will learn to use these concepts to help them formulate their own line of argument. Cambridge IGCSE History will stimulate any learner already interested in the past, and will provide a basis for further study, encouraging a lifelong interest in the subject.

Topics include:

The Core content of the course is as follows:

- Was the Treaty of Versailles of 1919 fair?
- To what extent was the League of Nations a success?
- Why had international peace collapsed by 1939?
- Who was to blame for the Cold War?
- How effectively did the USA contain the spread of Communism?
- How secure was the USSR's control over Eastern Europe, 1949-c. 1989?
- Why did events in the Gulf matter, c. 1970-2000?

The depth study we will cover is:

- Russia, 1905-41

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- Assignments 40%
- Assessments 50%
- Notes, Participation and Organisation 10%

External (IGCSE) Assessment:

In May of Year 11 the students will write the following IGCSE examination papers:

- Paper One (2 hours - core syllabus including 3 mini essays) 40%
- Paper Two (2 hours - source analysis) 33%
- Paper Three (1 hour - two essays on Russia, 1905-1941) 27%

Textbooks/Resources:

- 20th Century History for Cambridge IGCSE by Cantrell
- Russia and the USSR Empire of Revolution by MacDonald
- Modern World History for Cambridge IGCSE by Walsh

Subject: IGCSE Latin

Examination Board and Syllabus Code: Cambridge International (0480)

Course Description:

The influence of Latin on modern European languages cannot be underestimated. Through an exploration of the language, literature, and culture of Ancient Rome, students will gain an appreciation of Rome's legacy to the modern world. As well as the forms of assessment familiar to students from their KS3 Latin studies, students will have the chance to study Latin prose and verse literature in its social and historical context, and are encouraged to develop a personal response to what they read. Whether it is Virgil recounting the legendary journeys of Aeneas prior to founding the city of Rome, Sallust comparing two military generals, or Tacitus' depictions of intrigue and scandal, there is much to entertain and enthrall!

Topics include:

- The Latin language, its vocabulary and grammar.
- Translation skills
- Set texts (for examination in 2027, these are Virgil's *Aeneid* Book XI and extracts from *Two Centuries of Roman Prose* by Sallust, Tacitus, and Pliny).

Internal Assessment:

Riverside grades are based on:

- | | |
|------------------------|-----|
| • Assessments | 45% |
| • Classwork & Homework | 35% |
| • Attitude to Learning | 20% |

External (IGCSE) Assessment

In May of Year 11 the students will write the following IGCSE examination papers:

- Paper 1 (Language & Unseen Translation from Latin into English) - 90 minutes - 50% of the overall grade. *Students will be given a vocabulary list at the start of the course, containing all of the vocabulary that can appear in unseen translations.*
- Paper 2 (Literature) - 90 minutes - 50% of the overall grade. *Students will be asked questions on the set texts that we have studied in class throughout the course.*

Textbooks/Resources:

- Extracts from *Two Centuries of Roman Prose*, eds. E C Kennedy and A R Davis (Bristol Classical Press, 1972 (later editions are also available) or Bloomsbury Publishing, 1998)
- Virgil, *Aeneid* Book 11, lines 532–596 (*velocem interea ... turbine corpus*), lines 648–698 (*at medias ... ora cerebro*) and lines 768–831 (*forte sacer ... sub umbras*).
- Unseen translation texts from Roman authors (from various sources)

Subject: IGCSE Mathematics

Examination Board and Syllabus Code: Cambridge International (0607)

Course Description:

International Mathematics is designed to support the teaching of the IB in years 12 and 13, providing a solid foundation of mathematical knowledge as well as modelling and investigative skills. The IGCSE is a broad course containing elements of Number, Shape and Space, Algebra, and Data Handling, but taught with an emphasis on the interconnectedness of the material. During the two year course students will also learn to use a graphic display calculator.

Topics include:

Number:

- Surds
- Logarithms
- Simple and Compound Interest

Functions:

- Composite and inverse functions
- Linear
- Quadratic and Cubic
- Reciprocal
- Trigonometric
- Absolute value
- Exponential and logarithmic functions
- Transformations of functions

Mensuration:

- Perimeter and Area
- Surface Area
- Volume of shapes

Internal Assessment:

Riverside grades are based on:

- | | |
|---------------------------|-----|
| • Assignments | 40% |
| • Formative/Participation | 10% |
| • Binder | 10% |
| • Tests | 40% |

External (IGCSE) Assessment:

In April/May of Year 11 the students will write 3 IGCSE examination papers for mathematics.

- | | |
|---|-----|
| • Paper One (non-calculator) | 40% |
| • Paper Two (calculator) | 40% |
| • Paper Three (investigation and modelling) | 20% |

Textbooks/Resources:

- Haese and Harris – IGCSE International Mathematics Extended or Core
- *All students require a Graphing Calculator (e.g. Texas Instruments TI84+ or the TI84+CE)*

Transformations and Vectors

- Translations
- Reflections
- Rotations
- Enlargements
- Vectors

Geometry and Trigonometry:

- Similar Shapes
- Pythagoras Theorem
- Circle Theorems
- Right-angled and non-right angled

Probability:

- Relative Frequency
- Combined events
- Tree Diagrams with and without replacement

Algebra:

- Simultaneous Equations
- Quadratic Equations
- Sequences
- Proportionality and Variation

Coordinate Geometry:

- Equations of straight lines
- Parallel and perpendicular lines
- Sets and Venn Diagrams:
- Problem solving with 3 sets

Statistics:

- Discrete and Continuous Data
- Cumulative Frequency
- Correlation and Linear Regression

Subject: IGCSE Music

Examination Board and Syllabus Code: Cambridge International (0410)

Course Description:

When studying the Cambridge IGCSE Music syllabus, learners listen to, perform and compose music, encouraging aesthetic and emotional development, self-discipline and, importantly, creativity. As a result, learners enhance their appreciation and enjoyment of music, an achievement that forms an ideal foundation for future study and enhances life-long musical enjoyment.

Learners study music of all styles; each style is placed in its historical and cultural context, and they are encouraged to be perceptive, sensitive and critical when listening. Students continue to build upon the performance and theory skills gained in Key Stage 3 by participating in a variety of solo and ensemble activities. The composition component allows for the opportunity for students to explore and create in genres that expand their musical knowledge. A fuller understanding of music is gained through the listening component of the course. Students are expected to join and regularly attend one of the music ensembles offered by the school to gain more experience in practical music making such as Choir, Riverside Records and/or to start their own band.

Topics Include:

- Performance two prepared performances, one individual and one ensemble
- Composition: two contrasting compositions
- Listening: Baroque, Classical, Romantic, Music and Words, Music For Dance, Music for Small Ensemble and Music for Stage and Screen.
- Music theory: Reading and writing music, analyzing music with the following musical elements: melody, scales and modes, rhythm and metre, tempo, tonality, harmony, texture, musical devices, dynamics, articulation and ornaments.

Internal Assessment:

Riverside grades are based on:

- Performance: 30%
- Composition: 30%
- Listening & theory: 40%

External (IGCSE) Assessment:

- Performance: 30%
- Composition: 30%
- Listening: 40%

Textbooks and Resources:

- Focus on Sound (website)
- CGP Complete Revision & Practice
- Online resources shared via Google Classroom

Subject: Audio/Visual Production

Course Description:

Audio/Visual Production is a course designed to help students learn the technical skills required to produce high-quality digital content for a wide range of applications. Students will gain hands-on experience in audio recording, mixing, filming, and video editing as they craft the digital productions of Riverside School using professional equipment and industry-leading software platforms. Audio/Visual Production is not an IGCSE or IB course which means students will not have an external exam and can focus their efforts fully on content production.

Students will be assessed on their production of the school's digital content, and even earn credits for their roles in these productions. This includes content for our school YouTube Channel, such as Corner Concerts, the International Week Video, the Primary Nativity, Showtime drama productions. Students will be expected to attend and assist in recording and filming school events such as drama performances and music concerts.

Topics include:

- Microphones
- Cables and Connectors
- The Mixing Desk
- Avid Pro Tools Digital Audio Workstation
- Audio Recording & Mixing Techniques
- Cinematography & Lighting
- Camera Design & Settings
- Adobe Premiere Pro Video Editing Software

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- Content Production 60%
- Live Event Participation 30%
- Quizzes/Classwork 10%

Textbooks/Resources:

Most resources are shared on Google Classroom. Frequently used websites for research and additional reading include:

- www.soundonsound.com
- www.recordproduction.com
- www.pro-tools-expert.com
- www.focusonsound.com
- www.studiobinder.com

Most of the recording and mixing will be done using *Avid Pro Tools* software, while the video editing will be done in *Adobe Premiere Pro*. A/V Production students will have access to licenses for both.

Subject: Physical Education

Course Description:

In Physical Education students will be preparing for lifelong participation in physical activity and will have a sense of autonomy over the activities they participate in. Each term, there will be different sports and activities with different areas of focus. These include: Sports Leadership, Adventure, Competitive and Fitness.

An emphasis is placed on their personal engagement, conceptual knowledge and skill development which will contribute towards their overall mark for the unit. Students will have the chance to take part in a varied curriculum, with a broad range of activities on offer.

Activities include:

The core content of the course is as follows:

- Athletics (Track and Field)
- Basketball
- Fitness
- Football (soccer)
- Ice Skating
- Kayaking and canoeing
- Mountain Biking
- Rock Climbing
- Orienteering/Hiking
- Net games (Volleyball and Badminton)
- Floorball
- Striking and Fielding sports.

This subject is a perfect opportunity for students to develop their athletic ability and further develop their knowledge of the skills involved. This will promote a healthy and active lifestyle and the importance of lifelong physical activity in school.

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- | | |
|-------------------------------------|-----|
| ● Personal Engagement | 45% |
| ● Conceptual Knowledge | 20% |
| ● Skill development and performance | 20% |
| ● Outdoor Adventure Engagement | 15% |

Subject: IGCSE Physical Education

Examination Board and Syllabus Code: Cambridge International (0413)

Course Description:

The IGCSE Physical Education curriculum offers students the opportunity to delve into the subject area, while gaining an internationally recognised qualification in Physical Education. Candidates study both the practical and theoretical aspects of Physical Education, each of which is weighted at 50% of the final grade. The theoretical component offers a broad and interesting analysis of factors influencing effective sports and physical activity participation, covering the 4 main topics of: anatomy and physiology, health, fitness and training, skill acquisition and psychology and social, cultural and ethical influences. The knowledge gained should enable pupils the building blocks needed in preparing them for the IB Diploma Programme Sports, Exercise and Health Science course. The course also backs up student knowledge in many other IGCSE subjects, with topics in biology, physics, chemistry, psychology and sociology and is therefore a good choice in which for students to cement their knowledge in these subjects.

The practical component offers students the opportunity to be assessed in physical activities which will be taught during the curricular and Skills for Life programmes. All sports and activities which students are participating in outside of school can also be assessed.

Topics Include:

Games

- Football
- Badminton
- Golf
- Table tennis
- Tennis
- Volleyball
- Cricket
- Softball
- Rounders

Combat Activities

- Judo
- Taekwondo

Gymnastics

- Artistic gymnastics
- Figure skating
- Trampolining

Theory Topics:

- Anatomy and Physiology
- Health, Fitness and Training
- Skill Acquisition and Psychology
- Social, Cultural and Ethical Influences

Athletics

- Track and field
- Weights and fitness
- Cycling
- Cross country running

Swimming

- Competitive swimming
- Life saving
- Personal survival

Outdoor Activities

- Canoeing
- Hill walking (DofE)
- Horse riding
- Mountain biking
- Sailing
- Rock climbing, Skiing/snowboarding

Dance

- Theatrical dance
- Historical dance

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- | | |
|--|-----|
| ● Assignments, Tests and Binder Organisation | 80% |
| ● Practical Units | 20% |

(IGCSE) Assessment:

Internal Assessment (50%):

Students will be assessed by their PE teacher in all activities. The student's best 4 grades will be submitted to CAIE along with a short video of the student participating in these activities. Students must offer activities from at least 2 of the 7 activity areas.

External Assessment (50%):

Candidates will take one exam paper worth 100 marks, covering all of the theoretical topics.

Subject: GCSE Psychology

Examination Board and Syllabus Code: Edexcel (1PSO)

Course Description:

Psychology is a scientific subject that looks at the brain and behaviour. It is about people both as individuals and as members of society. It complements a wide variety of other scientific and social disciplines.

The aims of the course are to:

- Engage in the process of psychological enquiry to develop as effective, critical, and reflective thinkers
- Develop an awareness of why psychology matters
- Acquire knowledge and understanding of how psychology works and its essential role in society
- Develop an understanding of the relationship between psychology and social, cultural, scientific and contemporary issues, and its impact on everyday life
- Develop an understanding of ethical issues in psychology
- Develop an understanding of some of the issues and debates within psychological research
- Develop a critical approach to scientific evidence and methods

Topics include:

- Development – How did you develop?
- Memory – How does your memory work?
- Psychological problems – How would psychological problems affect you?
- The brain and neuropsychology – How does your brain affect you?
- Social influence – How do others affect you?
- Research methods – How do you carry out psychological research?

Two of the following option units will also be studied:

- Criminal psychology – Why do people become criminals?
- The self – What makes you who you are?
- Perception – How do you interpret the world around you?
- Sleep and dreaming – Why do you need to sleep and dream?
- Language, thought and communication – How do you communicate with others?

Psychology requires the use of mathematical skills for handling data in investigations and 10% of marks will be related to mathematical application within Psychology.

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- Classwork, Homework and participation. 60%
- Tests after each topic is completed. 40%

External (GCSE) Assessment:

- Paper One - One hour and 45 minutes - 55%
- Paper Two - One hour and 20 minutes - 45%

Subject: GCSE Religious Studies

Examination Board and Syllabus Code: Edexcel (5RSO1/01 and 08)

Course Description:

Religious Studies (RS) exam lessons are based on the British curriculum system. Although there are no national guidelines for RS, many counties throughout Britain have an agreed syllabus that prepares students for the external exam at Senior High level.

The Senior High School course focuses on the Edexcel Religious Studies B Full Course specification. This course studies the core beliefs and practices of Islam and Christianity as well as their moral responses to subjects such as marriage and the family, matters of life and death, crime and punishment and war, peace and conflict. The curriculum is taught through 4 forty minute periods for Year 10 and 3 forty periods for Year 11 per week.

Topics include:

The Core content of the course is as follows:

- Christian beliefs
- Christianity: Matters of Life and Death
- Living the Christian life
- Christianity: Marriage and the Family
- Muslim beliefs
- Islam: Peace and Conflict
- Living the Muslim life
- Islam: Crime and Punishment

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- Projects 20%
- Bookwork 60%
- Tests 20%

External (IGCSE) Assessment:

In May of Year 11 the students will write the following IGCSE examination papers:

- Paper One - One hour and 45 minutes - 55%
- Paper Two - One hour and 45 minutes - 45%

Textbooks/Resources:

Edexcel Religious Studies for GCSE (9-1): Beliefs in Action (Specification B)
By Victor W. Watton & Robert M. Stone

Subject: IGCSE Spanish

Examination Board and Syllabus Code: Cambridge International (0530)

Course Description:

The Spanish syllabus offers students a thorough grounding in basic concepts of the Spanish language. Students learn to apply a range of grammatical and idiomatic structures to five vocabulary topics, which relate to everyday language use. In the final assessment, there is an equal weighting between listening, speaking, reading and writing skills. Cambridge IGCSE Spanish enables the learner to communicate competently about a range of topics and prepares students to follow the IB Spanish B course at higher or standard level.

Topics include:

- Everyday activities
- Personal and social life
- The world around us
- The world of work
- The international world

Internal Assessment:

Riverside grades reported at the end of the Autumn, Winter and Spring Terms are based on:

- Assessments (end of each half-term) - 45%
- Tests (e.g. vocab and grammar tests) - 25%
- Classwork/Homework - 20%
- Attitude to Learning - 10%

External (IGCSE) Assessment:

In May of Year 11 students take 4 IGCSE examinations for Spanish.

- Listening 25%
- Reading 25%
- Speaking 25%
- Writing 25%

All candidates have access to all elements of the examination. However, for the examination to be appropriate to candidates across the full ability range, separate options are available for Core Curriculum candidates and Extended Curriculum candidates.

Textbooks/Resources

- Edexcel GCSE Spanish by Rachel Hawkes and Christopher Lillington
- Cambridge IGCSE Spanish Foreign language by Jacqueline Lopez-Cascante and Judith O'Hare
- Websites for use in class but also independent work:
 - www.languagesonline.org.uk
 - www.languageresources.org
 - www.bbc.co.uk/schools/gcsebitesize/spanish/
 - [Profedelee](#)
 - [Videoele](#)
 - [Quizlet](#)

Subject: PSHE (Year 10 and Year 11)

Personal, Social, Health, & Economic Education

Course Description:

Personal, Social, Health and Economic (PSHE) education is a school subject, delivered by tutor teachers with additional support from our careers advisor and school nurse, through which pupils develop the knowledge, skills and attributes they need to manage their lives, now and in the future. It helps children and young people to stay healthy and safe, while preparing them to make the most of life and work. In addition to regular taught lessons, the curriculum is supported through assemblies, guest speakers, themed weeks, such as Mental Health Awareness or Internationalism, and the broader subject curriculum.

This Programme of Study is based on three core themes:

Core Theme 1: Health and Wellbeing

Core Theme 2: Relationships

Core Theme 3: Living in the Wider World

Topics include:

Year 10 Topics:

Term 1

Target Setting

Safeguarding

You and Your Life

You and Society

Your Healthy Mind

Term 2

You and Relationships

You and Your Future

You and the Future of the Planet

Term 3

Your Healthy Body

Addiction, Drugs and the Law

Year 11 Topics:

Term 1

Target Setting

Safeguarding

You Online

Sexual Relationships

You and Your Future, Part 1

Term 2

Fake News and Disinformation

Explicit Content online

Sexuality and Gender Identity

You and Your Future, Part 2

Term 3

You and the Law

International Organizations

You and Your Future, Part 3

Textbooks/Resources:

Collins Your Choice Key Stage 4

Additional Resources provided by:

- PSHE Association Resources
- Anna Freud Centre
- Place2Be