

# The Lloyd Williamson Schools

## IGCSE Subjects

2020-2021

### **Aims:**

We aim to provide a wide range of options for the students. All the core subjects are included plus more unusual options to make the most of their talents and interests.

### **Afrikaans:**

Cambridge IGCSE Second Language Afrikaans is designed for learners who already have a working knowledge of the language and who want to consolidate their understanding in order to progress in their academic or professional career. The qualification reflects the widespread use of Afrikaans in education and commerce, and also in entertainment, throughout Southern Africa.

Through their studies, learners discover how to use Afrikaans effectively in the type of situations, and Afrikaans-speaking environments, they will encounter in their daily lives. The aim is to achieve a level of practical communication ideal for everyday use, which can also form the basis for further, more in-depth language study.

### **Art and Design:**

The Art & Design syllabus aims to encourage a personal response by stimulating imagination, sensitivity, conceptual thinking, powers of observation and analytical ability. Learners gain confidence and enthusiasm as they develop technical skills in two and three dimensional form and composition, and are able to identify and solve problems in visual and tactile forms. They also learn how to develop ideas from initial attempts to final solutions. An ideal foundation for further study, Cambridge IGCSE (9-1) Art & Design also

develops a greater awareness of the role played by the visual arts in society and in history, broadening cultural horizons and individual experience.

**Biology:**

Cambridge IGCSE (9-1) Biology helps learners to understand the biological world in which they live and take an informed interest in science and scientific developments. The syllabus includes the basic principles and concepts that are fundamental to the subject, some current applications of biology, and a strong emphasis on practical skills.

Learners also develop an understanding of the scientific skills essential for progression to Cambridge International AS & A Level, further education or a career related to science.

**Business Studies:**

The Business Studies 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 organisation are established, financed and run, and how their activities are regulated. Factors influencing business decision-making are also considered, as are the essential values of cooperation and interdependence.

Learners not only study business concepts and techniques but also enhance related skills such as numeracy and enquiry. The syllabus provides both a foundation for further study at Cambridge International A Level and an ideal preparation for the world of work.

**Chemistry:**

Cambridge IGCSE (9-1) Chemistry helps learners to understand the technological world in which they live and take an informed interest in science and scientific developments. The syllabus includes the basic principles and concepts that are fundamental to the subject, some current applications of chemistry, and a strong emphasis on practical skills.

Learners also develop an understanding of the scientific skills essential for progression to Cambridge International AS & A Level, further education or a career related to science.

**Drama:**

Through practical and theoretical study, learners develop an understanding and enjoyment of drama, developing group and individual skills and studying ways to communicate ideas and feelings to an audience. They learn how to discover the performance possibilities of a text and other stimuli, and devise dramatic material of their own. Learners also develop their performance skills, the demonstration of which will form part of the final assessment.

**English Language:**

The course enables learners to:

- develop the ability to communicate clearly, accurately and effectively when speaking and writing
- use a wide range of vocabulary, and the correct grammar, spelling and punctuation

- develop a personal style and an awareness of the audience being addressed.

Learners are also encouraged to read widely, both for their own enjoyment and to further their awareness of the ways in which English can be used. Cambridge IGCSE (9–1) First Language English also develops more general analysis and communication skills such as inference and the ability to order facts and present opinions effectively.

### **English Literature:**

The syllabus enables learners to read, interpret and evaluate texts through the study of literature in English. Learners develop an understanding of literal meaning, relevant contexts and of the deeper themes or attitudes that may be expressed. Through their studies, they learn to recognise and appreciate the ways in which writers use English to achieve a range of effects, and will be able to present an informed, personal response to the material they have studied.

The syllabus also encourages the exploration of wider and universal issues, promoting learners' better understanding of themselves and of the world around them.

### **Enterprise:**

Cambridge IGCSE Enterprise is a unique syllabus that brings the world of business into the classroom and gives learners a clear insight into what it means to think like an entrepreneur. This is the first Cambridge IGCSE syllabus which asks learners to adopt the thoughts and actions of entrepreneurs, developing their knowledge and understanding of the practicalities of setting up and running their own new enterprise. Cambridge IGCSE Enterprise equips learners with a range of vital life skills for use in planning and organisation, communication and financial management.

### **French:**

This syllabus is designed for students who are learning French as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learners progress through their studies.

The syllabus also aims to offer insights into the culture of countries where French is spoken, thus encouraging positive attitudes towards language learning and towards speakers of other languages.

### **Geography:**

Through the Cambridge IGCSE (9-1) Geography syllabus, learners will develop a 'sense of place' by looking at the world around them on a local, regional and global scale. Learners will examine a range of natural and man-made environments, and study some of the processes which affected their development.

They will also look at the ways in which people interact with their environment, and the opportunities and challenges an environment can present, thereby gaining a deeper insight into the different communities and cultures that exist around the world.

**History:**

The Cambridge IGCSE (9-1) History syllabus looks at some of the major international issues of the nineteenth and twentieth centuries, as well as covering the history of particular regions in more depth. The emphasis is on both historical knowledge and on the skills required for historical research.

Learners develop an understanding of the nature of cause and effect, continuity and change, similarity and difference and find out how to use and understand historical evidence as part of their studies. Cambridge IGCSE (9-1) History will stimulate any learner already interested in the past, providing a basis for further study, and also encouraging a lifelong interest in the subject. Both coursework and non-coursework options are available.

**Information and Communication Technology:**

Students develop an understanding of the implications of technology in society and the ways Information and Communication Technology (ICT) can help at home, work and the wider world. Through practical and theoretical studies, students solve problems using a variety of common software such as word processors and interactive presentation software.

Learners will analyse, design, implement, test and evaluate ICT systems, making sure that they are fit for purpose. There is an emphasis on developing lifelong skills, which are essential across the curriculum and their future career.

**Latin:**

The Cambridge IGCSE Latin syllabus aims to develop learners' ability to understand Latin, leading to a recognition of Latin's influence on modern European languages. By comparing the structure of Latin with other languages, learners also develop an analytical approach to language learning. They study Latin prose and verse literature in its social and historical context, and are encouraged to develop a personal response to what they read. This will develop an awareness of a different time and culture, and an appreciation of Rome's legacy to the modern world.

**Mathematics:**

An essential subject for all learners, Cambridge IGCSE Mathematics encourages the development of mathematical knowledge as a key life skill, and as a strong basis for more advanced study. The syllabus aims to build learners' confidence by helping them develop competence and fluency with mathematical concepts, methods and skills, as well as a feel for numbers, patterns and relationships. The syllabus also places a strong emphasis on solving problems and presenting and interpreting results. Learners also gain an understanding of how to communicate and reason using mathematical concepts.

**Physics:**

Cambridge IGCSE Physics (9-1) helps learners to understand the technological world in which they live, and take an informed interest in science and scientific developments. The syllabus includes the basic principles and concepts that are fundamental to the subject, some current applications of physics, and a strong emphasis on practical skills.

Learners also develop an understanding of the scientific skills essential for progression to Cambridge International AS & A Level, higher education or a career in science.

**Sciences Co-ordinated:**

Cambridge IGCSE (9-1) Co-ordinated Sciences gives learners the opportunity to study Biology, Chemistry and Physics within a cross-referenced, scientifically coherent syllabus. It is a double award qualification, earning two grades. Learners gain an understanding of the basic principles of each subject through a mix of theoretical and practical studies, while also developing an understanding of the scientific skills essential for further study. They learn how science is studied and practised, and become aware that the results of scientific research can have both good and bad effects on individuals, communities and the environment. As well as focusing on the individual sciences, the syllabus helps learners to understand the technological world in which they live, and take an informed interest in science and scientific developments.

**Spanish:**

This syllabus is designed for students who are learning Spanish as a foreign language. The aim is to develop an ability to use the language effectively for practical communication. The course is based on the linked language skills of listening, reading, speaking and writing, and these are built on as learners progress through their studies.

The syllabus also aims to offer insights into the culture of countries where Spanish is spoken, thus encouraging positive attitudes towards language learning and towards speakers of other languages.

Updated December 2020