



Key Stage 4

Years 10 & 11 Curriculum

September 2018



Dear Student and Parent,

This booklet has been compiled to give you information about Key Stage 4 (Years 10 & 11) at Wingate School. At the end of Year 9 just prior to Key Stage 4, students get some choices about which subjects to study. However, there are still compulsory subjects which we believe are important for all students, to ensure a broad based education.

Students will need to apply maximum effort, sustained over the two years, to achieve their full potential; homework is an essential part of their continued progress across both years.

Teachers will regularly assess students' academic progress and we send Reports home three times during Year 10 and twice during Year 11 which show their academic attainment (levels), academic achievement and effort. There are two Parents' Open Days in October and February when there is an opportunity for parents and students to discuss their progress with the Form Tutor, subject teacher or any of the school leaders. Students will always be given an opportunity to improve their level of performance.

From February in Year 10 we also provide a 'predicted grade' for their IGCSE subjects. In Year 10 this is a guide, however, prior to Christmas in Year 11, students will sit the important '*mock*' IGCSE exams. These are a crucial indicator to both the school and your child. We provide a detailed Report in early February which shows these grades and comments from each subject teacher and a predicted grade. In April, we will also provide a final 'predicted grade. These grades are submitted to Exam Boards and will be requested by any school or college your child may apply to for 16-19 Further Education in UK or 16-18 Further education elsewhere. Naturally, we hope that their academic success at 16, end of Year 11, will enable them to continue with their studies for AS/A Levels here at Wingate.

I sincerely hope we can work together to help support our students to achieve the very best that they can.

Mr Colin Macrae
Head of Wingate School

The Exams and What They Mean:

We use two different Examination Boards – Edexcel (now known as *Pearson*) and Cambridge International Examinations (CIE). The Head of each subject department will decide which Exam Board their students sit at the end of Year 11.

IGCSE (International General Certificate of Secondary Education).

These are the international version of the GCSE and are highly regarded academically inside and out of Education. Grades range from A* to U but grades A* to C are considered a 'high level pass' and **only** U a fail. This system is currently being replaced by a numerical scale of 9 to 0.

Grade 9 is equivalent to an A*, grades 5 or 4 are equivalent to a C, grade 5 will be classed as a 'strong pass' and 4 will be classed as a 'standard pass'. Grade 0 is equivalent to the old U grade.

Some exams have tiered papers. The terms “Core” and “Foundation” tiers are used to describe exams in which the highest grade that can be gained is a C. “Extended” and “Higher” indicate that grades A* to E can be achieved.

The Estrellas Theatre Company based at Wingate School, also offers LAMDA examinations in Drama and recognised Dance Qualifications from the UK's Royal Academy of Dance. LAMDA qualifications gain UCAS points for university entrance in the UK.

What is required for an invitation into Wingate Sixth Form:

Students will need at least 5 grade A* to C grades or 9 - 5 in the new system at IGCSE to be considered for entry to the Sixth Form. However, in sciences and maths a grade B or a level 6 is required as a minimum to continue onto AS & A level studies. Psychology, Art, Travel & Tourism and Business Studies do not require previous study but at least a grade C or level 5 in First Language English Language. Students must also display an aptitude and commitment to their studies.

What is needed to study for the *Bachillerato* in a Spanish school:

For studies to be equated to the Spanish Education system, students need to pass Homologación (formally known as *Convalidation*) for their Wingate studies. This requires sufficient knowledge of Spanish as assessed internally and by the Spanish Authorities, along with 4 grade C (or higher) results at IGCSE, plus a pass in Social Sciences. The Social Sciences elements will be taught separately but it will not affect studies for all the other IGCSE subjects.

Homologación is compulsory for Spanish National students and only available to students studying in Set 1 of Spanish who wish for their results to be validated. More details are available on the school website or by contacting Sra Barrio – Head of Spanish at Wingate School.

Curriculum Subjects:

The curriculum is made up of **compulsory** and **optional subjects**. English, Maths, Spanish, Biology are compulsory subjects. Students will also have compulsory non examined lessons on their timetable for Tutor time, PDP and sports. (IGCSE PE is an optional subject)

There are 3 option blocks. Students must choose only 1 subject from each block. Students are advised to read the information in this booklet and discuss the subjects they are interested in with the subject teacher and with their parents before making a final decision.

Compulsory Subjects:

English

IGCSE English First Language (CIE)

Assessment is 100% examination with a choice of two papers: Extended: (2 hours), covering levels A* to E, and Core: (1 hour 45), for grades C to G. A decision on which paper you will sit will be made through discussion with you and your teacher in YR 11, but the majority of students sit the Extended paper.

In First Language English, you will learn to analyse the key features of English in order to improve your reading, writing and comprehension skills. You will be tested on your reading skills, and how well you understand and receive information. You will also be tested on your writing skills and how well you are able to convey information. You will prepare for two papers: Paper 1 or 2, 'Reading Passages', and Paper 3, 'Writing and Composition', both worth 50% of the total mark. For the Reading Passages paper, structured and extended writing questions will be based on two reading passages, covering directed writing, effects of a writer's language choices, and note-making and summary writing.

Paper 3 consists of an extended writing question and a composition task.

Resources for preparing and practising for and all parts of the exams, including videos, help sheets, past papers and exemplar responses, are all available on the Google Classroom, allowing you to study, learn, revise and prepare for your qualification in ways that suits your own learning style.

IGCSE Second Language English (CIE)

Students, for whom English is not a first language, may be given the opportunity to take this exam in addition to, or instead of, the First Language exam. Extended (A* to E), and Core levels (C to G), are available. There are three examinations: an oral (20 mins), listening (1 hour) and reading and writing paper (1 hour 45 or 2 hours). The lessons will be the same as for First Language but specific examination preparation will be provided.

IGCSE English Literature (Edexcel)

All students will have the opportunity to prepare for the Edexcel International GCSE English Literature examination, which will be graded using the new levels 9 to 0. You will learn to read, critically analyse and respond to literary texts in depth (prose, poetry and drama). During Yrs 10 and 11, you will plan, prepare and write coursework essays on 'An Inspector Calls' and 'Romeo and Juliet', worth 40% of the total examination grade, with teacher support and supervision. You will then sit one exam of 2 hours in Yr 11, where you will write three essays: (1) an analysis of an unseen poem; (2) a comparison of two poems from a prepared poetry anthology; (3) a critical analysis of a theme or character(s) from 'Of Mice and Men'. A wide range of resources for support with writing coursework and for all sections of the examination, including videos, linked websites, past papers, mark schemes and exemplar responses, are all available on the Google Classroom, allowing you to study, learn, revise and prepare for your qualification in ways that suits your own learning style.

Further details on any of the English subjects are available from Mrs Finnie

Mathematics IGCSE (Edexcel)

We continue to use SMP textbooks, this means that students will continue to learn Maths in the same way as in Year 9. Use of a calculator is encouraged throughout the course and students are expected to bring one to every lesson, as well as their normal Mathematical equipment (compass, protractor, ruler etc).

Everyone will study number and number systems, sets, algebra, sequences, graphs, geometry, measurement, transformations, statistics and probability. More able students will also study standard form, functions, calculus and vectors.

The course is delivered at two levels, Higher and Foundation.

All students sit two x 2 hour papers. Calculators may be used on both papers. Further details are available from Mr Finnie

Sciences

Here at Wingate we feel it is very important that a Science subject is included in a young person's broad base of education. Students have the opportunity to continue to study each individual Science (see Blocks A & B below) but all students will follow the IGCSE Biology Edexcel syllabus.

Biology: IGCSE (Edexcel)

Biology is an interesting and inspiring course suitable for those for whom it is a final qualification and those who require a sound basis for further study. The course includes aspects of modern Biology appropriate for the 21st Century. Students will learn about:

- The nature and variety of living things
- Structures and functions in living organisms
- Reproduction and inheritance
- Ecology and the Environment
- The use of Biological resources

There are two papers, one of 2 hours and a second of 1 hour 15 minutes.

Experimental work is carried out in all subjects during the two year courses, but the final exams are theory papers.

Further details can be obtained from Miss Crane.

Spanish: IGCSE (CIE and Edexcel)

Students will follow a course appropriate to their level of Spanish.

The year group will be divided between: Advanced, Intermediate and Beginners. In the Advanced set Spanish is taught as a first language. In the Intermediate and Beginners, as a foreign language.

Students will have the opportunity to develop their skills in four areas: listening, speaking, reading and writing. They will be able to understand and use the language in formal and informal situations. Reading books and oral presentations will be part of the course. They will learn more about grammar and literature. They will also gain insight into the culture and civilization of the countries where Spanish is spoken.

PDP

This subject is non examinable but compulsory for all students. It is designed to help students develop as individuals. It covers personal development, careers education, health education, study skills, skills for independent living, target setting and "Education for Employability". The flexible nature of the subject allows content to be negotiated to suit individual and group needs. Students will work in groups as well as individually and make use of the computer to provide information. Students will be encouraged to take part in discussion and learn how to explain their point of view. At various points of the course, groups become "single sex" to discuss issues that are more significant to their gender. The subject is taught as suggested by the UK National Curriculum guidelines.

Sports

Each Friday afternoon from 14.15 all students from Years 9, 10, 12 & 13 take part in sporting activities. Students will develop their performance in various sports including football, rounders, athletics and netball amongst others.

IGCSE PE is a separate optional subject for those who would like a formal qualification in "Physical Education & Sports Science".

Optional Subjects:

There are three option blocks and students choose 1 subject from each block:

Block A	Block B	Block C
Physics <u>or</u> Art <u>or</u> Business Studies	Chemistry <u>or</u> T&T <u>or</u> GCSE PE (<i>Physical Education & Sports Science</i>)	Geography <u>or</u> History <u>or</u> Computer Science

An options form is found at the end of this booklet

Option Block A

You may only study **one** of these subjects: Physics or Art or Business Studies

Physics IGCSE (Edexcel)

Physics will be taught as an exciting and stimulating practical subject. It is ever more important that young people know how the physical world around them operates. Physics is the key to being confident in handling the environment as an adult.

Students will learn about:

- Forces and Motion
- Electricity
- Waves
- Energy resources and energy transfer
- Solids, liquids and gases
- Magnetism and electromagnetism
- Radioactivity and particles
- Astrophysics

All topics will be taught with direct relevance to the everyday lives of our future citizens, as well as a foundation for further study. There are two exam papers, one of 2 hours and one of 1 hour 15 minutes.

Further details can be obtained from Mrs Butler

Art: GCSE Art and Design (Edexcel)

Students will learn to:

- apply a creative approach to problem solving
- consider and develop original ideas from initiation to realisation
- analyse critically their own work and that of others
- express individual thoughts and choices confidently
- take risks, experiment and learn from mistakes

Students select their own theme for the personal portfolio which is worth 60% of the overall mark. The externally set assignment is set by the exam board and worth 40%. There is one examination of 10 hours sat over two days.

Students who have demonstrated enthusiasm, enjoyment, commitment, creativity and imagination at Key Stage 3 will find this a suitable choice for them.

Further details can be obtained from Miss Healey

Business Studies IGCSE (CIE)

Cambridge IGCSE Business Studies is accepted by universities and employers as proof of an understanding of business concepts and techniques across a range of different types of businesses. Learners will be able to:

- understand different forms of business organisations, the environments in which businesses operate and business functions such as marketing, operations and finance
- appreciate the role of people in business success. They will also gain lifelong skills, including:
 - the ability to calculate and interpret business data
 - communication skills needed to support arguments with reasons
 - the ability to analyse business situations and reach decisions or judgements

The programmes balance a thorough knowledge and understanding of the subject and help to develop the skills learners need for their next steps in education or employment.

There are two written exams each 1hr 30 mins with equal 50% loading.

For more information see Mr Gill

Option Block B

You may only study one of these subjects: Chemistry or T&T or PE

Chemistry IGCSE (Edexcel)

The Chemistry course is comprehensive and relevant to modern life. It is suitable for those wanting a final qualification and those who require a sound basis for further study in 6th form and possibly University courses. Students will learn:

- The principles of Chemistry
- Inorganic Chemistry
- Physical Chemistry
- Organic Chemistry

There are two examination papers, one of 2 hours and a second of 1 hour and 15 minutes.

Further details can be obtained from Miss Duncan.

Travel and Tourism IGCSE (CIE)

Welcome to the world of international travel and tourism! You will all have had holiday experiences good and bad and this course will take you behind the scenes and help you understand the process that a destination has to go through to be successful and attract a large number of holidaymakers. Travel and Tourism is one of the most varied and important global industries. It contributes significantly to the economies of many countries, and worldwide employs around 235 million people.

Cambridge IGCSE Travel and Tourism is designed to help meet the need for skilled and knowledgeable individuals in this rapidly diversifying industry. You will gain an overview of the industry, and learn about popular destinations, customer care, working procedures, travel and tourism products and services, and marketing and promotion. You will learn about the concepts, models and theories used within the industry, and also enhance your skills of investigation, analysis, interpretation and evaluation.

Frequent links are made to the international travel and tourism industry giving you the opportunity to apply theory to real life tourism situations. And of course, you live on a tourism driven island so you will recognise many of the destinations that we study.

The course is assessed through two written examinations at the end of Year 11, one of which is specifically on marketing and promotion lasting 2hrs 30 and then a core paper lasting 2 hours.

Further details can be obtained from Mrs Crone.

Physical Education IGCSE (CIE)

This course has practical and theoretical components. Students will develop their performance at various sports: basketball, football; rounders; athletics and netball. They will learn to analyse their performance and that of others. The theory part of the course covers aspects of sport and fitness, factors affecting performance, safety in sport and the physiology of the body.

There is one exam of 1 hour 45 to assess the theory. The practical side is made up of assessments of performance ability in four different sports.

Students interested in analysing and developing their performance in sport will enjoy the course. However, more than 50% of the course will be studying the theory behind this.

Further details can be obtained from Mr Gill.

Option Block C

You may only study one of these subjects: History or Geography or Computer Science

History IGCSE (Edexcel)

The Edexcel IGCSE in History qualification will enable students to:

- acquire knowledge and understanding of selected periods and/or aspects of history, exploring the significance of historical events, people, changes and issues
- use historical sources critically, in context, recording significant information and reaching conclusions
- organise and communicate their knowledge and understanding of history
- draw conclusions and make historical judgements

The Edexcel IGCSE in History requires students to demonstrate understanding of:

- History through recalling, selecting and communicating
- the past through explanation and analysis of, and judgements about, key features and the concepts in history of causation, consequence and change
- source material through comprehension, interpretation and cross - reference and through evaluation of historical claims

Assessment: comprises two exams:

Paper 1 written paper

Students complete two in depth studies:

- Development of Dictatorship: Germany 1918 - 45
- and
- A world divided: Superpower Relations 1943 - 75

Paper 2 written paper

Students complete one historical investigation and one breadth study:

- The USA 1918 - 41
- and
- Changes in Medicine c1848 - c1948

Further detail on this course is available from Mr Staton

Geography IGCSE (CIE)

The course covers three broad themes which are designed to develop an understanding of both the natural and the human environment:

- Population and Settlement
- The Natural Environment
- Economic Development

Students will also read maps and work with statistical diagrams and ICT databases. Great emphasis is placed on the concepts of sustainability, stewardship of the planet and International mindedness, while a thorough understanding of the globalised economy is gained.

It is an interesting and relevant course, and an excellent basis for AS and A2 examinations, also with the CIE.

There are three exams: one of 1 hour 45 minutes; and two of 1 hour 30 minutes.

Further details can be obtained from Miss Morris.

Computer Science IGCSE (CIE)

Computer science is the study of the foundational principles and practices of computation and their application in the design and development of computer systems. Cambridge IGCSE Computer Science enables learners to develop an interest in computing and to gain confidence in computational thinking and programming. They develop their understanding of the main principles of problem-solving using computers. Learners apply their understanding to develop computer-based solutions to problems using algorithms and a high-level programming language. They also develop a range of technical skills, as well as the ability to test effectively and to evaluate computing solutions.

This qualification will help learners appreciate current and emerging computing technologies and the benefits of their use. They learn to recognise the ethical issues and potential risks when using computers. Cambridge IGCSE Computer Science is an ideal foundation for further study in Computer Science. Understanding the principles of Computer Science provides learners with the underpinning knowledge required for many other subjects in science and engineering, and the skills learnt can also be used in everyday life.

There are two final exams both lasting 1 hr 45 min. Paper 1 is the Theory paper which is 60% of the final mark and Paper 2 is Practical problem Solving.

Further details are available from Miss Matthews.

Thinking about University?

It is not too soon to be thinking about University and Wingate School is a natural route to University entrance. There are many courses and career paths available and we can advise on which courses would best suit each individual student during Years 12 and 13. However, some idea of what you may want to study at university is useful - though not essential, in choosing your options.

'A Levels' are also accepted for entrance to Spanish Universities. The minimum requirement is 3 A level passes. Ask Sra. Barrio for more information.

Exam Costs

Families will be charged an examination fee for each of the subjects taken. Before a student is entered for an external exam, we will tell families the cost and ask for their signed agreement. This takes place in February of Year 11 as the Exam Boards require registration well in advance.

Thank you for reading this document and for your interest in Wingate School for KS4 studies.

If you would like any further information or have any question or concerns, please do not hesitate to contact the subject teacher by making an appointment through the Office.

Mr Colin Macrae
Head of Wingate School

Option Choice Form for Sept 2018

Name: Class

For each block tick show your **1st** Choice and **2nd** Choice. We will make every effort to give you your first choices in every block. However, the maximum in any subject class will be 24, if a subject is oversubscribed second choices will have to be given.

Advice* Choose subjects you like, not by a teacher or to be with friends. This is **your** academic future!

Block A	1st Choice	2nd Choice
Physics		
or		
Art		
or		
Business Studies		
Block B		
Block B	1st Choice	2nd Choice
Chemistry		
or		
T&T		
or		
IGCSE PE		
Block C		
Block C	1st Choice	2nd Choice
Geography		
or		
History		
or		
Computer Science		

Signature of student:

Signature of Parent:

Date