



**Key Stage 4
Years 10 & 11 Curriculum**

September 2022

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 but we send Reports home three times during Year 10 and twice during Year 11 which show their academic attainment (levels), personal academic achievement and effort. There is a Parents' Open Day in November and February (subject to Covid restrictions) when there is an opportunity for parents and students to discuss their progress with the Form Tutor, subject teachers or school leaders. You can, of course, book an online meeting with any teacher at any time through the office. Students will always be given an opportunity to improve their level of performance.

From February in Year 10 we also provide a 'predicted grade' as a guide for their IGCSE subjects. After Christmas in Year 11, students will sit the important '*mock*' IGCSE exams. These are a crucial indicator potentially for their final grades. We will then provide a detailed Report in late March with comments from each subject teacher and 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 the UK or 16-18 Further Education elsewhere. Naturally, we hope that their academic success at 16 will enable them to continue with their studies for Advanced Levels here in our Wingate Sixth Form Study Centre.

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

Mrs Colette Tolfrey
Head of Senior School

Mr Colin Macrae
Head of Wingate School

The Exams and What They Mean:

We use the Edexcel (now known as *Pearson*) Examination Board.

IGCSE (International General Certificate of Secondary Education). These are the international versions 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 gradually 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 or 5. "Extended" and "Higher" indicate that grades A* to E or 9 to 4 (or 0 below a level 4 so a fail) can be achieved.

What is required for an invitation into Wingate Sixth Form:

Students will need at least 5 grade A* to C grades or 9 - 5 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 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 with excellent attendance.

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 for their Wingate studies. This requires sufficient knowledge of Spanish as assessed internally and by the Spanish Authorities, along with 4 grade C, level 4/5 (or higher) results at IGCSE, plus a pass in Social Sciences. The Social Sciences elements will be taught separately in Spanish.

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 convalidated. More details are available on the school website or by contacting Sra Barrio.

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, with Mrs Hopewell and with their parents before making a final decision.

Compulsory Subjects:

First Language English:

All students take Edexcel International GCSE English Language A. Assessment is 100% examination and will be graded using the 9 to 1 grading system.

You will prepare for two papers: Paper 1, 'Non-fiction Texts and Transactional Writing' (2 hours and 15 minutes), worth 60% of the total mark, and Paper 2, 'Poetry and Prose Texts and Imaginative Writing' (1 hour 30 minutes), worth 40% of the total mark.

Paper 1 consists of an anthology of engaging, contemporary non-fiction texts. You will develop your skills of interpretation and analysis, enabling you to respond to an anthology text in the examination, as well as comparing it with an unseen non-fiction text. You will apply what you have learned about different text types to develop your transactional writing, practising a range of non-fiction writing techniques, planning and proofreading skills.

For Paper 2, you will study and analyse a range of engaging fictional poetry and prose texts from the anthology in preparation for responding to one of the set texts in the examination. You will learn to apply what you have learned about the writer's craft in your reading of fiction to inspire and influence your own imaginative writing and develop a range of creative writing techniques, planning and proofreading skills.

Resources for preparing and practising for each section of the exam, including videos, additional notes, study guides, past papers and exemplar responses, are all available in the Google Classrooms to help you to study, learn, revise and prepare for your qualification both in class and independently.

English Literature:

All students have the opportunity to prepare for the Edexcel International GCSE English Literature examination, which will be graded using the 9 to 1 grading system. 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' for Modern Drama, and 'Romeo and Juliet' for Literary Heritage. Coursework is worth 40% of the total examination grade and is completed with teacher support and supervision.

You will then sit one exam of 2 hours in Yr 11, worth 60% of the total mark. You will write three essays: an analysis of an unseen poem; a comparison of two poems from a prepared poetry anthology; and 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, study guides, linked websites, past papers, mark schemes and exemplar responses, are all available in the Google Classrooms, allowing you to study, learn, revise and prepare for your qualification in ways that suits you.

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

Mathematics:

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.

Students will sit exams at the end of the course and be awarded a level 9 - 1. Students aiming to study for an "A" level will be expected to achieve level 6.

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 individual Sciences (see Blocks A & B below) but almost all students will follow the IGCSE Biology Edexcel syllabus. The Science department offers the Entry Level Certificate for Science which is only available to a small number of students and is explained below.

Biology:

Biology is an interesting and inspiring course suitable for those wanting a final IGCSE 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 during the two year Biology course, but the final exams are theory papers. Students will sit exams at the end of the course and be awarded a level 9 - 1. Students aiming to study for an 'A' level will be expected to achieve level 6. Further details can be obtained from Miss Crane.

Entry Level Certificate in Science:

The Entry Level Certificate in Science has been designed by Edexcel to provide a progression route for lower attainers. It is an option we use at Wingate for pupils whom we believe will not pass the IGCSE Biology. It helps build confidence and engagement with Science and allows pupils to leave with a Science qualification.

The course consists of a total of six modules; two each for Biology, Chemistry and Physics. Pupils are taught each module separately and then sit an exam when the teacher feels they are ready; this can be at any point in the year. Pupils may repeat the same exam to improve on their grade.

Spanish:

The year group will be divided between: Advanced, Intermediate and Beginners. In the Advanced set, Spanish is taught as a first language where all students will sit the Edexcel Spanish GCSE at the end of Year 10. Advanced students will then continue their Spanish course in Year 11 preparing for the GCE A level; covering both Spanish Language and Literature. First language Spanish students will also sit the internal First Language exam needed to pass Homologación.

Students in the Intermediate and Beginners classes will sit their Spanish IGCSE at the end of Year 11.

All 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. Students 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 and wellbeing, study skills, skills for independent living, target setting and 'Education for Employability'. The school has invested in 'Unifrog' software which helps guide students in careers and pathways to Higher Education. The flexible nature of the subject allows content to be negotiated to suit individual and group needs and respond to current affairs and social trends. Students will be encouraged to take part in discussions and learn how to express their point of view within a safe environment. The subject is taught as suggested by the UK National Curriculum guidelines.

Sports

Sport and physical activity are considered important at Wingate and are timetabled each week where 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".

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> Psychology <u>or</u> GCSE PE <i>(Physical Education)</i>	Geography <u>or</u> History

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:

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. Students will sit exams at the end of the course and be awarded a level 9 - 1. Students aiming to study for an “A” level will be expected to achieve level 6. Further details can be obtained from Mrs Butler.

Art and Design:

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 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:

Edexcel IGCSE Business 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 Psychology or PE

Chemistry:

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 Sixth 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. Students will sit exams at the end of the course and be awarded a level 9 - 1. Students aiming to study for an "A" level will be expected to achieve level 6. Further details can be obtained from Ms Duncan.

Psychology :

The Psychology course provides students with the knowledge and understanding of the key features of the following core areas: Biological, Cognitive, Social, Developmental and Individual Differences. To study these core areas, the following topics will be studied:

- 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?
- Criminal psychology - Why do people become criminals?
- Sleep and dreaming - Why do you need to sleep and dream?
- Research methods - How do you carry out psychological research?

There are two examination papers, one of 1 hour and 45 minutes and a second of 1 hour and 20 minutes. Students will sit exams at the end of the course and be awarded a level 9 -1. Further details can be obtained from Mrs Jobling.

Physical Education:

The Edexcel GCSE PE has both practical and theoretical components. Students will develop their performance at various sports: basketball, football; athletics and netball (whilst other individual and team sports may be included)

The theory part of the course covers aspects of sport and fitness, factors affecting performance, safety in sport and the physiology of the body.

Students will sit two written exams:

- Fitness and Body Systems - 1 hour and 45 minute (36% of the final grade)
- Health and Performance - 1 hour and 15 minutes (24% of the final grade)
- Practical Performance (30% of the final grade)
- Personal Exercise Program (10% of the final grade)

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:

The Edexcel IGCSE in History consists of 4 diverse key topics, covering a wide range of interesting and relevant issues relating to the modern world. These include study of Medicine during the 19th and 20th centuries, the development of Nazism in Germany after World War One, the Cold War, and the USA during the 1920s and 1930s. The qualification will help students to develop the following skills:

- acquire knowledge and understanding of key historical events which have shaped the modern world.
- use historical sources critically, in context, recording significant information and reaching conclusions.
- develop essay writing skills by producing balanced and informed responses to historical questions and pursuing a line of argument.
- draw conclusions and make historical judgements which are supported with evidence.

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 details on this course can be obtained from Mrs Barrett.

Geography:

The course focuses on a two-paper model allowing students to focus on physical and human geography:

Paper 1

- Section A - brings together physical geography and people-environment processes and interactions where we study in depth coastal and hazardous environments.

Paper 2

- Section A - brings together human geography and people-environment processes and interactions where we study economic activity and energy, and urban environments.
- Section C – students are required to apply their knowledge and understanding of human and physical geography to investigate broader global issues.

In both paper 1 and 2 Section B students undertake geographical investigations involving fieldwork and research.

There are two exams: Paper 1 is 1 hour 10 minutes; and Paper 2 is 1 hour 45 minutes.

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. The Unifrog software we use has extensive resources to access Further and Higher education across the World, not just the UK.

Exam Costs

Final exams for all the subjects studied over the 2 years are mandatory, and families will be invoiced separately to normal fees. 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 early 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.

Option Choice Form for Sept 2022

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		
Psychology		
or		
IGCSE PE		
Block C		
Block C	1st Choice	2nd Choice
Geography		
or		
History		

Signature of student:

Signature of Parent:

Date