

Park House English School

Secondary Department

IGCSE Options Information

Year 10 – September 2017

CONTENTS

Introduction	1
Which Subjects Should I Choose	2
What to Expect in Years 10 & 11	3
A Word of Warning/Conclusion.....	5

Programme of Study

English First Language	6
English as Second Language	7
English Literature	8
Mathematics.....	9
Science (Double Award)	10
Arabic First Language	11
Arabic Second Language	12
Art	13
Business Studies	14
Economics	15
French Foreign Language	16
Geography ..	17
History	18
Information Technology & Communication	19
Computer Science	20
Physical Education	21
Sociology	22

Introduction

Congratulations! You have reached the next stage of your journey in education and now it is time to choose your IGCSE options. The purpose of this booklet is to outline the courses that are available to you at Park House in Years 10 and 11.

The following pages give you details of the two year courses that you will study at this level. The core subjects of English Language, English Literature, Mathematics, Biology, Chemistry, Physics (or Double Award Science) are compulsory for every student in Years 10 and 11.

You will then choose an additional four options subjects, which can be chosen from the range described in this booklet. This means that you will be taking ten subjects at IGCSE, the number of passes at this level that many of the best universities and colleges around the world expect you to have. You should be aware that there may be some subjects that you might not be able to choose because of clashes in the option blocks. Unfortunately, this is something that does happen and often entails a re-think in terms of subjects you want to study. The page containing the option blocks for your IGCSE subjects can be found at the end of this booklet.

Please read through the subject descriptions carefully before you make your decisions. Although it is possible to change options during the early part of Year 10, it is not recommended as you will then have a lot of work to catch up on in your new option. Try to get it right from the beginning.

The decisions made now are clearly very important as they may have an impact on choices of subjects at AS and A Level and, ultimately, the choices you make regarding University courses and future careers. Try to obtain as much advice as you can before making these decisions.

After you have read through this Options Booklet you can raise any questions that you may have with the individual subject teachers, Heads of Department, the Key Stage 4 Leader, or the Head of Secondary.

The decisions made now are clearly very important as they have an impact on your choices of subjects at AS and A Level and, ultimately, the choices you make regarding University courses and future careers. Try to obtain as much advice as you can before making these decisions. On the afternoon of the Parents' Meetings on 19 and 26 February, we will also be holding the Year 10 and Year 12 Options talks in the Sixth Form Common Room. The Year 10 talk, for those students starting their IGCSE course in September 2017, will be held at 2:15 and repeated at 4:15, the presentation for students going into Year 12 next academic year will be held at 3:00 and repeated at 5:00. We do recommend that you attend one of these informative presentations.

Which Subjects Should I Choose?

There are many ways you can go about selecting your courses. The main thing to remember is that you are not on your own, you can ask for advice at any stage of this process if you are unsure! Firstly, do not choose a subject because your friend has chosen it. There are more important reasons for choosing your subject options than friendship groups. Don't make that mistake.

Try to maintain a balance of subject areas, so that you give yourself a wider range of subjects to consider when it comes to A level. In addition, remember that universities will want to see evidence that you have a good all round education. Your choices at IGCSE level will be important in demonstrating this.

You may also want to consider which subjects you enjoy the most. Remember that the IGCSE course lasts for two years and you have to be on top of your studies from the first day. It helps a great deal if you choose the subjects you enjoy.

Think about which subjects you need to study if you have an idea of your future career. For example, if you are considering a career in Business or Accounting, then you should choose Business Studies or Economics amongst your options.

There is always the chance that you have no idea what your future career may be; don't worry that's not unusual! The best advice is to keep your options open.

Take the time to speak to your parents, friends, form tutors, other teachers, students in Years 10 & 11 and anyone else you feel can give good advice. You may find it useful to look at various University web sites so that you get an idea of what subjects you may need to study in order to fulfil the entry criteria for courses that could interest you.

The Do's & Don't of Choosing your IGCSEs

DO Choose A Course Because:

It fits your interests and abilities.

You are good at it and think you will enjoy it.

It links to a career idea.

You think you might want to continue studying it after Year 11.

It will help you meet the entry requirements for the post-16 options which interest you.

It will help you give you plenty of choice post-16.

DON'T Choose A Course Because:

Your friends have chosen it.

Someone else thinks it will be a good idea for you to do it.

You think it will be easy.

You think it's a good course for a boy/girl to do.

You don't have time to research your options properly or to get any information and advice.

You like the teacher you have now.

What to Expect in Years 10 & 11

Be prepared to expect more work than in Year 9... from the start! The IGCSE course is a two year course, meaning that you will be examined on work you have done both in Year 10 & Year 11. It is a well-known fact that the students who give maximum effort from the start of Year 10 have the best chance of success. There will be no time to delay the hard work!

Also be prepared to be given more homework. Homework that is set in Years 10 & 11 is designed to help you to build on the learning you have done in class and to test your knowledge and understanding of a topic. It is vital that you stay on top of this. If there is anything that you do not fully understand it is much better to deal with it at that moment in time rather than waiting until the end of Year 11. Speak to your teachers, they are there to help!

Please remember that you are expected to carry out your own study throughout the two years. You should be spending time at home constantly revising work carried out in lesson time and reading around your subject.

Remember that, in January of Year 11, you will take your Mock Examinations, a formal set of examinations using past IGCSE papers. This is a very important step in your preparation for the final IGCSE examinations as it gives vital experience of taking examinations under formal exam conditions and you get an idea of the demands of taking a series of high level examinations in a short space of time, something you will experience in the summer of Year 11.

Those of you whose subject includes Practical or Oral components that need to be examined will be taking these during March or April of Year 11. Be prepared.

In early May of Year 11 the written examinations will begin, and this period will continue until June. As you can imagine, it can be a very intense and stressful time. Thorough preparation for every exam will reduce this stress and make life a lot easier. We at Park House English School will do everything we can to support you, but you must take responsibility, put in the hours at home, and make sure you work to a good level throughout the two years.

A final word here. There is a clear correlation between good attendance and high achievement at IGCSE level. You must strive to have full attendance in Years 10 and 11; any time away from school will result in important work being missed. If are absent, it is imperative that you speak to your teachers at the earliest opportunity and make sure you get any work or information you may have missed. At this stage in your education you do have to take responsibility for your learning.

Life Skills

There is more to getting into university and then gaining employment than just achieving good examination results. Hard work and a determination to achieve your very best academically is fantastic but universities expect evidence of an active use of leisure time over a number of years. Employers look for a well-rounded individual who has good personal skills, work skills and money sense. The Life Skills course is designed to help you to developing many of the skills needed for your future. During your IGCSE years you will complete, in the Life skills hour, work on

- Study skills /revision strategies
- Understanding of personal finance
- CV writing and letters of application
- Personal health and well being

- IELTS work
- Careers
- Personal Statement work
- SAT essay discussions
- Interview question work
- Preparing to live away from home
- University timeline

You will be given the opportunity to gain valuable work experience and encouraged to build a comprehensive list of extra-curricular activities.

A Word of Warning!

The IGCSE courses build on the work you have done in Years 7, 8 and 9. As a result it is important that all students have progressed to an acceptable level before Year 10 commences.

- The grades you gain from IGCSE will determine whether you can gain entry into Year 12.
- It is not automatic that a student will progress from Year 11 into Year 12.
- **At Park House there is a strict entry requirement of 5 IGCSE passes at grade C or above, including English Language and Mathematics.**
- **Further to this, students must have achieved at least a grade B in the subjects they wish to study in Year 12.**

This may seem strict, however it is widely known that if a student cannot achieve higher than a B at IGCSE then they will struggle to study that subject at A Level. So you must prove yourself at IGCSE!

Conclusion

Don't be under any illusion, Years 10 & 11 are hard work, but the rewards are great. Success at this level will open the door to so many possibilities for you and will give you a great insight into where you want your future to go.

Remember:

1. **Don't be afraid to ask questions or speak to any member of staff at any time**
2. **Don't panic!**

Year 10 & 11 IGCSE First Language English

Examination Board:	Edexcel IGCSE
---------------------------	----------------------

Syllabus:	English First Language A
------------------	---------------------------------

The Edexcel IGCSE in English Language (Specification A) is designed for use in schools and colleges as a two-year course. This specification includes a wide range of reading and writing. The reading requirements of the course are covered in the Edexcel Anthology for IGCSE English Language (A) and IGCSE English Literature, for use throughout the course and in the examination.

Key subject aims:

- To develop students' understanding of the spoken word and the capacity to participate effectively in a variety of speaking and listening activities
- To develop the ability to read, understand and respond to material from a variety of sources; to recognise and appreciate themes and attitudes and the ways in which writers achieve their effects
- To develop the ability to construct and convey meaning in written language, matching style to audience and purpose.

Assessment and progression

- Single tier
- 100% examination option
- Grading 9 to 1
- Assessment opportunities in both January and June examination series
- Provides a sound foundation for progression to AS and Advanced GCE in English Language, English Literature or English Literature and Language, or equivalent qualifications.

Prerequisites

English Language is compulsory, but students should be prepared to do the necessary extra work, including reading, required to reach the highest standards.

Year 10 & 11 IGCSE English as a Second Language

Examination Board:	Cambridge International Examinations (CIE) IGCSE
---------------------------	---

Syllabus:	English as a Second Language 0510
------------------	--

AIMS OF THE COURSE:

To develop the ability to use written and spoken English effectively for the purpose of practical communication.

COURSE CONTENT:

Students will study a range of English techniques, both written and oral. The written assessment will require students to be proficient in a range of writing skills, including summary, comprehension, articles and letters.

Students will also be required to have highly developed speed reading skills and listening skills.

There is a compulsory oral examination, which tests the ability to talk about a topic clearly and concisely, under examination conditions.

ASSESSMENT:

Assessment takes place over 3 papers. The written examination is a 2 hour examination, testing writing skills such as comprehension, summary and extended writing skills. The listening examination, which lasts approximately 45 minutes, requires highly developed listening and understanding. There is also a test of the ability to speak clearly in the oral examination.

Year 10 & 11 IGCSE English Literature

Examination Board:	Edexcel IGCSE
---------------------------	----------------------

Syllabus:	English Literature IGCSE
------------------	---------------------------------

The Edexcel International General Certificate of Secondary Education (IGCSE) in English Literature is designed for use in schools and colleges as a two-year course. A selection of prose, drama and poetry from around the world allows teachers a wide choice of set texts.

The examination questions have been designed to allow all students to make a personal, informed response to the texts studied. The specification offers an enjoyable and stimulating introduction to the study of English Literature

Key subject aims:

- To engage with and develop the ability to read, understand and respond to a wide range of literary texts from around the world
- To develop an appreciation of the ways in which authors achieve their effects and develop the skills necessary for literary study
- To explore through literature the cultures of their own and other societies
- To find enjoyment in reading literature and understand its influence on individuals and societies.

Assessment and progression

- Single tier
- 100% examination
- Grading 9 to 1
- Assessment opportunities in both January and June examination series
- Provides progression to AS and Advanced GCE in English Literature, or equivalent qualifications.

Prerequisites

English Literature is compulsory for all students in Year 11.

Year 9 to 11 IGCSE Mathematics

Examination Board:	Cambridge International Examinations (CIE) IGCSE
---------------------------	---

Syllabus:	Mathematics 0580
------------------	-------------------------

AIMS OF THE COURSE:

The main aims of the IGCSE Mathematics course are to develop the students' mathematical knowledge in a way which encourages confidence and provides satisfaction and enjoyment; and also to create a foundation appropriate to their further study of Mathematics and of other disciplines.

COURSE CONTENT:

The course focuses on three main areas:-

1. Number & Algebra
2. Shape, Space and Measure
3. Handling Data & Probability

The course is split into two levels: Extended and Core.

ASSESSMENT:

Candidates who have followed the Core curriculum are eligible for the award of grades C to G only.

Core Curriculum Candidates sit two papers:

Paper 1 is a 1 hour paper consisting of short-answer questions and has a weighting of 35%.

Paper 2 is a 2 hour paper consisting of structured questions and has a weighting of 65%.

Candidates who have followed the Extended curriculum are eligible for the award of grades A* to E only.

Extended Curriculum Candidates also sit two papers:

Paper 2 is a 1 hour 30 minute paper consisting of short-answer questions and has a weighting of 35%.

Paper 4 is a 2 hour 30 minute paper consisting of structured questions and has a weighting of 65%.

PREREQUISITES

- Mathematics is compulsory for all students.

Year 11 IGCSE Additional Mathematics

Examination Board:	Cambridge International Examinations (CIE) IGCSE Additional Mathematics
---------------------------	--

Syllabus:	Mathematics 0606
------------------	-------------------------

AIMS OF THE COURSE:

To build upon IGCSE mathematics and provide the most able students with an additional level of challenge and a second IGCSE in mathematics. The Additional Mathematics syllabus is intended for high ability candidates who are likely to achieve Grade A* in the Cambridge IGCSE Mathematics examination.

COURSE CONTENT:

The course focuses on a selection of A level mathematics topics including functions, polynomials, sets, matrices, surds and indices, logarithmic and exponential functions, trigonometry, circular functions, simultaneous equations, permutations and combinations and trigonometry.

ASSESSMENT:

The curriculum objectives are assessed at one level only (Extended). As for Extended level syllabuses in other subjects, Grades A* to E will be available.

Curriculum Candidates also sit two papers:

Paper 1 is a 2 hour paper consisting of 10–12 questions of various lengths and has a weighting of 50%

Paper 2 is a 2 hour paper consisting of 10–12 questions of various lengths and has a weighting of 50%

PREREQUISITES

- Candidates who are likely to achieve Grade A* in the Cambridge IGCSE Mathematics examination.

Year 11 A Level Bridging Course

Examination Board:	Not Examined
---------------------------	---------------------

Syllabus:	Bridging GCSE and A Level Maths
------------------	--

AIMS OF THE COURSE:

To assist students taking the Cambridge IGCSE Extended mathematics course to further strengthen and consolidate their IGCSE mathematics. To provide a bridge in order to help students with the transition from IGCSE to A level mathematics.

COURSE CONTENT:

Sequences, calculus, algebra, trigonometry and coordinate geometry.

ASSESSMENT:

This course has no external examinations.

PREREQUISITES

- Candidates who are likely to achieve Grade A to C in the Cambridge IGCSE Mathematics examination.

Year 10 & 11 IGCSE Science Triple & Double Award

Examination Board:	EDEXCEL
Syllabus:	IGCSE Biology (4BI0), Chemistry (4CH0), Physics (4PH0) or Science (Double Award) (4SC0)

AIMS OF THE COURSE:

The Edexcel IGCSE in Science enables students to:

- acquire a systematic body of scientific knowledge and facts, and an understanding of scientific concepts, principles, themes and patterns
- appreciate the practical nature of science, acquiring experimental skills based on correct and safe laboratory techniques
- appreciate the importance of accurate experimental work to scientific method and reporting
- form hypotheses and design experiments to test them
- sustain and develop an enjoyment of, and interest in, the scientific world
- appreciate the significance of science in wider personal, social, environmental, economic and technological contexts, and consider ethical issues
- select, organise and present information clearly and logically, using appropriate scientific terms and conventions
- prepare for more advanced courses in each of the three scientific disciplines which comprise this specification.

Structure and assessment

At the beginning of year 10, based on the each student's performance during KS 3 and the end of year 9 internal examination and external Edexcel examination, all students will either do Double Award Science or Triple Award Science.

Double Award

Students will study the three sciences, Biology, Chemistry and Physics in years 10 and 11. At the end of year 11 the students will sit three papers, one in each of the disciplines. They will then receive a double IGCSE award which reflects their average performance in these subject areas.

Triple Award

Students will study the three sciences, Biology, Chemistry and Physics in years 10 and 11. At the end of year 11 the students will sit six papers, two in each of the disciplines. They will then, on successful completion of the course, receive an IGCSE award in each of the three subjects.

The practical component of the Science examinations, both the single sciences and the Double Award, is tested in the examination NOT as a separate practical component.

Should you require further information before the courses begin, please do check the Science subject page information on the Edexcel website on www.edexcel.com. The relevant information will be found under **International GCSE from 2011**. You can click on the specifications for all three single sciences and the Science (Double Award) for more detail.

Year 10 & 11 IGCSE Arabic First Language

Examination Board:	Cambridge International Examinations (CIE) IGCSE
Syllabus:	Arabic First Language 0508

AIMS OF THE COURSE:

The main aims of the syllabus are to enable students to communicate accurately, appropriately and effectively in writing Arabic; to enable students to understand and respond appropriately to what they read; to encourage students to enjoy and appreciate the variety of language.

COURSE CONTENT:

The course focuses on two main areas: Reading and Writing.

In the Reading section, candidates will be assessed on their ability to understand and collate explicit meanings; select, analyse and evaluate what is relevant to specific purposes and understand how writers achieve effects.

In the Writing section, candidates will be assessed on their ability to order and present facts, ideas and opinions; and also to make accurate and effective use of paragraphs, grammatical structures, sentences, punctuation and spelling.

ASSESSMENT:

All candidates take Components 1 and 2 and are eligible for the award of A* to G.

Component 1 is a 2 hour Reading exam with a weighting of 50%.

Component 2 is a 2 hour Writing exam with a weighting of 50%.

PREREQUISITES

- Candidates should be first language Arabic speakers.

Year 10 & 11 IGCSE Arabic Second Language

Examination Board:	Cambridge International Examinations (CIE) IGCSE
Syllabus:	Second Language Arabic 0544

AIMS OF THE COURSE:

The main aims of the syllabus are to enable students to use the language effectively for purposes of practical communication within the country of residence, where appropriate, and in all the countries where Arabic is spoken; to offer insights into the culture and civilisation of the countries where Arabic is spoken; and to develop a fuller awareness of the nature of language and language learning.

COURSE CONTENT:

The course is divided into 3 main sections:-

- reading and directed writing
- speaking
- continuous writing

The reading and directed writing section focuses on the candidate's comprehension skills. The speaking section focuses on the candidate's oral skills. The continuous writing section tests the candidate's ability to use a wider variety of idiom, vocabulary, structure and appropriate tense.

ASSESSMENT:

All candidates take 3 papers and are eligible for grades A* to G.

- Reading and directed writing is a 1 hour paper with a weighting of 33%.
45 marks
- Speaking is a 15 minute oral exam with a weighting of 33%.
100 marks
- Continuous writing is a 1 hour paper with a weighting of 33%.
50 marks

Year 10 & 11 GCSE Art

Examination Board:	Edexcel GCSE
---------------------------	---------------------

Syllabus:	Art 1AD0
------------------	-----------------

AIMS OF THE COURSE:

The course is primarily concerned with the development of a visual language, emphasising the skills rooted in the senses of sight, touch, feeling and intellect. It encourages the ability to observe, select and interpret with imagination and understanding.

COURSE CONTENT AND ASSESSMENT OVERVIEW:

A range of materials, skills and processes will be investigated. The course content will pay particular attention to drawing and painting but may also include media such as sculpture, printmaking, digital photography, textiles, ceramics and more. Elements of Art History, Culture and Theory will be developed.

The Pearson Edexcel Level 1/Level 2 GCSE (9–1) in Art and Design consists of two internally assessed and externally moderated components

- Component 1: Personal Portfolio (internally set)
- Component 2: Externally Set Assignment.

Students must complete all assessment in MAY in any single year.

Overview

The GCSE in Art, Craft and Design is a broad and flexible course that requires students to develop an appreciation of the creative process through a practical response, using a variety of two-dimensional and three-dimensional media, materials, techniques and processes. When undertaking work in Art, Craft and Design, students are expected to develop the knowledge, understanding and skills outlined. All knowledge, understanding and skills will be assessed in both components.

Areas of study

Work must demonstrate integrated knowledge, understanding and skills. Students undertaking the Art, Craft and Design title are required to create work associated with areas of study chosen from at least two of the five endorsed titles for Component 1.

For Component 2, Art, Craft and Design students are required to create work associated with at least one area of study. This ensures that in the qualification as a whole, there is a breadth and flexibility in content and approach commensurate in demand with other titles.

ASSESSMENT:

Assessment is divided between a coursework project and a timed test.

Unit	Mode of assessment	Weighting	Length
1	<u>Personal Portfolio in Art and Design</u> Supporting work that investigates theme set by the school and works towards a variety of solutions.	60%	Completed over the course of the year
2	<u>Externally Set Assignment in Art and Design</u> Supporting work must interpret question set by examiners and be used to help create a final piece during the timed test.	40%	Up to 3 month preparation period ----- 10 hour practical exam

Supporting work = a sketchbook and folder of studies. A large amount of work is required throughout the year.

Summary of the changes for art and design from 2016

- The structure of the qualification, and the component weightings, will remain unchanged: Component 1 Personal Portfolio -60% of the qualification and Component 2 Externally Set Assignment -40% of the qualification.
- The 2016 GCSE will comprise 100% non-exam assessment, all student work for both components is internally assessed by the centre and externally moderated by Edexcel
- All students will have to submit evidence of using drawing to support the development process in both Component 1 and Component 2. All students will have to use written annotation and appropriate specialist terminology to record their ideas, observations, insights and independent judgements.
- Short course in Art and Design is no longer available.

NEW GRADING STRUCTURE

- **Reformed GCSEs have been introduced gradually over 3 years from September 2015.**
- **GCSE content will be more challenging but still suitable for all abilities**
- **GCSEs will be graded on a new scale of 9 to 1 rather than A* to G - as now, with 9 the highest grade, to distinguish clearly between the reformed and unreformed qualifications**

NOTE: This subject is time consuming and requires a considerable amount of dedication and effort. It is not an easy option but can be very engaging for those who love art.

This subject **DOES NOT** include Design Technology.

Year 10 & 11 IGCSE Business Studies

Examination Board:	Cambridge International Examinations (CIE) IGCSE
Syllabus:	Business Studies 0450

AIMS OF THE COURSE:

- To develop and apply knowledge and understanding of the main types of business and current business issues.
- To understand the organisation, finance and operation of different types of business.
- Distinguish between facts and opinions and be able to make judgements.

COURSE CONTENT:

- Understanding Business Activity
- People in Business
- Marketing
- Operations Management
- Financial Information and Decisions
- External Influences on Business Activity

ASSESSMENT:

Paper 1: Short Answer/Data Response Questions - (1 hour, 30 minutes)

Paper 2: Case Study - (1 hour, 30 minutes)

There is no choice of questions.

PREREQUISITES
<ul style="list-style-type: none">• Some mathematical ability (e.g. working out percentages/ability to draw graphs accurately)
<ul style="list-style-type: none">• This course is particularly suitable for those students who wish to understand how business operates and for those wishing to undertake AS/A Level Business or set up their own business.

YEAR 10 & 11 IGCSE Economics

Examination Board:	Cambridge International Examinations (CIE) IGCSE
---------------------------	---

Syllabus:	Economics 0455
------------------	-----------------------

AIMS OF THE COURSE:

- To develop a knowledge and understanding of Economic terminology and principles and basic economic theory.
- To develop basic Economic numeracy and literacy and simple data handling.
- To distinguish between facts and opinions in Economic issues.
- To employ Economic skills to better understand the world in which we live.
- To develop an understanding of both developed and developing countries and the relationships between them.

COURSE CONTENT:

- The Basic Economic Problem
- The Allocation of Resources
- The Individual as Producer, Consumer and Borrower
- The Private Firm as Producer and Employer.
- The Role of Government in an Economy
- Economic Indicators
- Developed and Developing Economies
- International Trade

ASSESSMENT:

Paper 1: Multiple Choice - (45 minutes)

Paper 2: Structured Questions - (2 hours 15 minutes)

PREREQUISITES
<ul style="list-style-type: none">• Some mathematical ability is required (working out percentages/drawings and interpreting graphs.• An interest in current events.

Year 10 & 11 IGCSE French Foreign Language

Examination Board:	Cambridge International Examinations (CIE) IGCSE
Syllabus:	French Foreign Language 0520

➤ **AIMS OF THE COURSE:**

This is an examination designed for students learning French as a foreign language. The aim is to develop an ability to use the language effectively for purposes of practical communication. The course is based on the linked language skills of listening, reading, speaking and writing and these are built on as students progress through their studies. The syllabus also aims to offer insights into the culture and civilisation of countries where the language is spoken.

➤ **COURSE CONTENT:**

The course follows a two year programme using a text book called “Dynamique”. All students will study the following units:

- Unit 1: Personal information, relationships, sports and hobbies
- Unit 2: House, home life and towns
- Unit 3: School life and daily routine
- Unit 4: Holidays and travel
- Unit 5: Meals, health and fitness, illness and addictions
- Unit 6: Home town, local environment and public transport
- Unit 7: Future plans: study and work
- Unit 8: Going out, leisure activities, cafes and restaurants
- Unit 9: Shopping fashion
- Unit 10: Media and entertainment

➤ **ASSESSMENT:**

- Paper 1: Listening (45 minutes) with a weighting of 25%
- Paper 2: Reading (1 hour) with a weighting of 25%
- Paper 3: Speaking (15 minutes) with a weighting of 25%
- Paper 4: Writing (1 hour) with a weighting of 25%

PREREQUISITES

- An interest in communicating in another language, a keen ear and ability to read and write competently in the target language.

Year 10 & 11 IGCSE Geography

Examination Board:	Cambridge International Examinations (CIE) IGCSE
---------------------------	---

Syllabus:	Geography 0460
------------------	-----------------------

AIMS OF THE COURSE:

The aims of IGCSE Geography are to encourage candidates to develop:

- an understanding of location on a local, regional and global scale
- an awareness of the characteristics, distribution and processes affecting physical and human environments
- an understanding of why and how people interact with each other and with their environment
- an awareness of the contrasting opportunities and constraints presented by different environments and an appreciation of and concern for the environment
- an appreciation of the earth including its people, places, landscapes and natural processes

COURSE CONTENT:

- Theme 1: **Population and Settlement** (including **Migration and Urbanisation**)
- Theme 2: The Natural Environment (**Tectonics, Rivers, Coasts, Weather, Climate**)
- Theme 3: Economic Development (**Development, Food Production, Industry, Tourism, Energy, Water, and Environmental Issues**)
- Included within some themes: **Geographical Skills, Fieldwork Investigation and Fieldtrips**

ASSESSMENT:

Paper 1 is worth 45% of the IGCSE. Pupils answer three questions. The paper has three sections and each section is based on Themes 1, 2 or 3. Candidates must answer one question from each section.

Paper 2: is worth 27.5% of the IGCSE. Pupils answer all the questions. The paper is based on interpretation and analysis of geographical information, decision making and the application of graphical and other techniques as appropriate. This paper is skills based and includes map skills.

Paper 4 is an Alternative to Coursework and is worth 27.5% of the IGCSE. Pupils answer two compulsory questions. Field work scenarios used for the two questions will be taken from different aspects of the Syllabus. The questions involve an appreciation of a range of techniques used in fieldwork studies.

Grading for this Cambridge IGCSE syllabus will remain unchanged (i.e. A* to G and Ungraded)

PREREQUISITES
A genuine interest in and motivation for Geography is essential!

Year 10 & 11 IGCSE History

Examination Board:	Cambridge International Examinations (CIE) IGCSE
---------------------------	---

Syllabus:	History 0470
------------------	---------------------

AIMS OF THE COURSE:

The History IGCSE syllabus looks at some of the major international issues of the twentieth century, 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. Students learn about 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. IGCSE History will stimulate any student already interested in the past providing a basis for further studies and also encouraging a lifelong interest in the subject.

COURSE CONTENT:

Core Content – Twentieth Century International Relations

- The Peace Treaties 1919-1923
- The League of Nations
- The Collapse of International Peace by 1939
- Origins of the Cold War
- American action against Communism
- Gulf Wars

Depth Study – Germany 1918-1945

- The Weimar Republic
- Hitler's Domination of Germany
- The Nazi Regime
- Life in Nazi Germany

ASSESSMENT:

Paper 1: (2 hours) written paper - 40%
Section A: 2 questions (core content)
Section B: 1 question (depth study)

Paper 2: (2 hours) source paper - 33%
One topic from the Core Content.

Paper 4: (1 hour) source paper – 27%
One topic from the Depth Study.

Examination Board:	Cambridge International Examinations (CIE) IGCSE
---------------------------	---

Syllabus:	Information Technology & Communication 0417
------------------	--

AIMS OF THE COURSE:

The aims of the curriculum are the same for all candidates.

The aims are to:

1. Help students to develop and consolidate their knowledge, skills and understanding in Information Technology.
2. Encourage students to develop further as an autonomous user of Information Technology.
3. Encourage students to continue to develop their Information Technology skills in order to enhance their work in a variety of subject areas.
4. Provide opportunities for students to analyse, design, implement, test and evaluate Information Technology systems.
5. Encourage students to consider the impact of new technologies on methods of working in the outside world and on social, economic, ethical and moral issues.
6. Help students to grow in their awareness of the ways in which Information Technology is used in practical and work-related situations.

COURSE CONTENT:

A Practical Skills

Students should be able to:

1. Use e-mail and the Internet to gather and communicate information.
2. Use word processing facilities to prepare documents and create letters.
3. Use database facilities to manipulate data to solve problems and represent data graphically.
4. Integrate data from different sources into a single document or report.
5. Produce output in a specified format.
6. Use a spreadsheet to create and test a data model, extracting and summarising data.
7. Create a structured website with style sheets, tables and hyperlinks.
8. Create and control an interactive presentation.

B Knowledge and Understanding

Students should be able to demonstrate knowledge and understanding in relation to:-

1. The functions of the main hardware and software components of computers systems.
2. The networking of information-processing systems.
3. The ways in which information technology is used and the effects of its use.
4. The stages and methods of system analysis and design.
5. Computing Terminology.

ASSESSMENT:

3 Papers:

1. 2 hour Theory
2. 2 hours 30 minutes Practical (**Document Production, Data Manipulation and Presentations**)
3. 2 hours 30 minutes Practical (**Data Analysis and Website Authoring**)

PREREQUISITES

- A solid understanding of all ICT concepts taught in Key Stage 3 is beneficial.

Examination Board:	Cambridge International Examinations (CIE) IGCSE
---------------------------	---

Syllabus:	Computer Science 0478
------------------	------------------------------

AIMS OF THE COURSE:

The aims of the curriculum are the same for all candidates.

The aims are to:

- develop computational thinking
- develop an understanding of the main principles of solving problems by using computers
- develop understanding that every computer system is made up of sub-systems, which in turn consist of further sub-systems
- develop an understanding of the component parts of computer systems and how they interrelate, including software, data, hardware, communications and people
- acquire the skills necessary to apply this understanding to develop computer-based solutions to problems using a high-level programming language.

Computer science is the study of the foundational principles and practices of computation and computational thinking and their application in the design and development of computer systems.

COURSE CONTENT:

Section 1 Theory of Computer Science

- 1.1 Data representation
- 1.2 Communication and Internet Technologies
- 1.3 Hardware and Software
- 1.4 Security
- 1.5 Ethics

Section 2: Practical Problem Solving and Programming

- 2.1 Algorithm Design and Problem Solving
- 2.2 Programming
- 2.3 Databases

ASSESSMENT:

2 Written Papers:

1. 1 Hour 45 Minutes (Theory 60%)
2. 1 Hour 45 Minutes (Problem Solving and Programming 40%)

PREREQUISITES
<ul style="list-style-type: none">• A solid understanding of all concepts taught in Key Stage 3 is beneficial. More importantly an enjoyment of the subject and a desire to solve problems.

Year 10 & 11 IGCSE Physical Education

An I.G.C.S.E. is offered for pupils with a desire to develop their practical and theoretical knowledge of sports, health-related fitness and sport within society.

Assessment

Students follow the Cambridge IGCSE Physical Education syllabus which gives them the opportunity to study both the practical (60% of the syllabus) and theoretical aspects of Physical Education.

There are two components to the examination:

Written Paper (Paper 1) 40%

Component 1 is a written paper, in two sections

Section A consists of short answer questions

Section B has three structured questions, covering the three topic areas of:

- Factors affecting performance
- Health, Safety and training
- Reasons and opportunities for participation in Physical Education.

Practical Work (Paper 2)

Planning, Performing and Evaluating 50%

Analysing and Improving 10%

The objectives of these exams are to test the skills and abilities:

- (a) Necessary for effective participation in a selected range of physical activities.
- (b) To assess, interpret and evaluate situations related to a selected range of activities.

Activities offered will include:

Individual or Team Games	Gymnastics	Outdoor and Adventurous Activities	Dance	Athletics	Swimming
Football				Track & Field	Swimming
Basketball				Cross Country	Personal Survival
Volleyball					
Netball					
Badminton					
Softball					

Other sports on the syllabus can be assessed by the teacher if the pupil attends a club or coached activity e.g. horse riding, sailing, and tennis.

For assessment candidates offer 4 activities from at least 2 different Activity Groups.

Year 10 & 11 IGCSE Sociology

Examination Board:	Cambridge International Examinations (CIE) IGCSE
---------------------------	---

Syllabus:	Sociology 0495
------------------	-----------------------

AIMS OF THE COURSE

The aims of IGCSE Sociology are to encourage students to develop the following:-

1. An awareness, knowledge and understanding of human societies.
2. An understanding of sociological method, including the collection, analysis and interpretation of data.
3. An introduction to sociological concepts, theories and research findings.
4. An awareness of the range and limitations of sociological theory and research.
5. An understanding of continuity and change in social life.
6. A critical awareness of social, economic and political processes, and their effects.
7. A capacity for the critical evaluation of different forms of information and evidence.
8. An appreciation and understanding of individual, social and cultural diversity.
9. An ability to apply sociological knowledge and understanding to their own lives and participation within society.

COURSE CONTENT:

All students will study the following units;

Unit 1 – Theory and Methods

Unit 2 – Culture, Identity and Socialisation

Unit 3 – Social Inequality

Unit 4 – Family

Unit 5 – Education

Unit 6 – Crime, Deviance and Social Control

Unit 7 – The Media

ASSESSMENT:

All students take Papers 1 and 2.

Paper 1 (2 hours) - Students answer one compulsory question on *Unit 1 – Theory and Methods* and one other question from *Units 2-3*. *Paper 1 is worth 60%*.

Paper 2 (1¾ hours) – Students answer two optional questions from *Units 4-7*. *Paper 2 is worth 40%*.

PREREQUISITES

- Sociology students must have a keen interest in the attitudes, systems and behaviors of the people which make up the many diverse cultures in our world. An ability to question and debate a variety of issues is also a beneficial skill of this course.

Park House English School

Secondary Department-Year 10 Options September 2017

<u>Option A</u>	<u>Option B</u>	<u>Option C</u>	<u>Option D</u>
Sociology	French	ICT	ICT
Economics	Geography	Computer Science	Business Studies
Geography	Arabic	Business Studies	History
Art	Business Studies	Sociology	P.E.

You must choose four subjects, each in a different option block.

This form must be returned to your Form Tutor no later than Thursday 2nd March 2017.

Name: _____

Form: _____