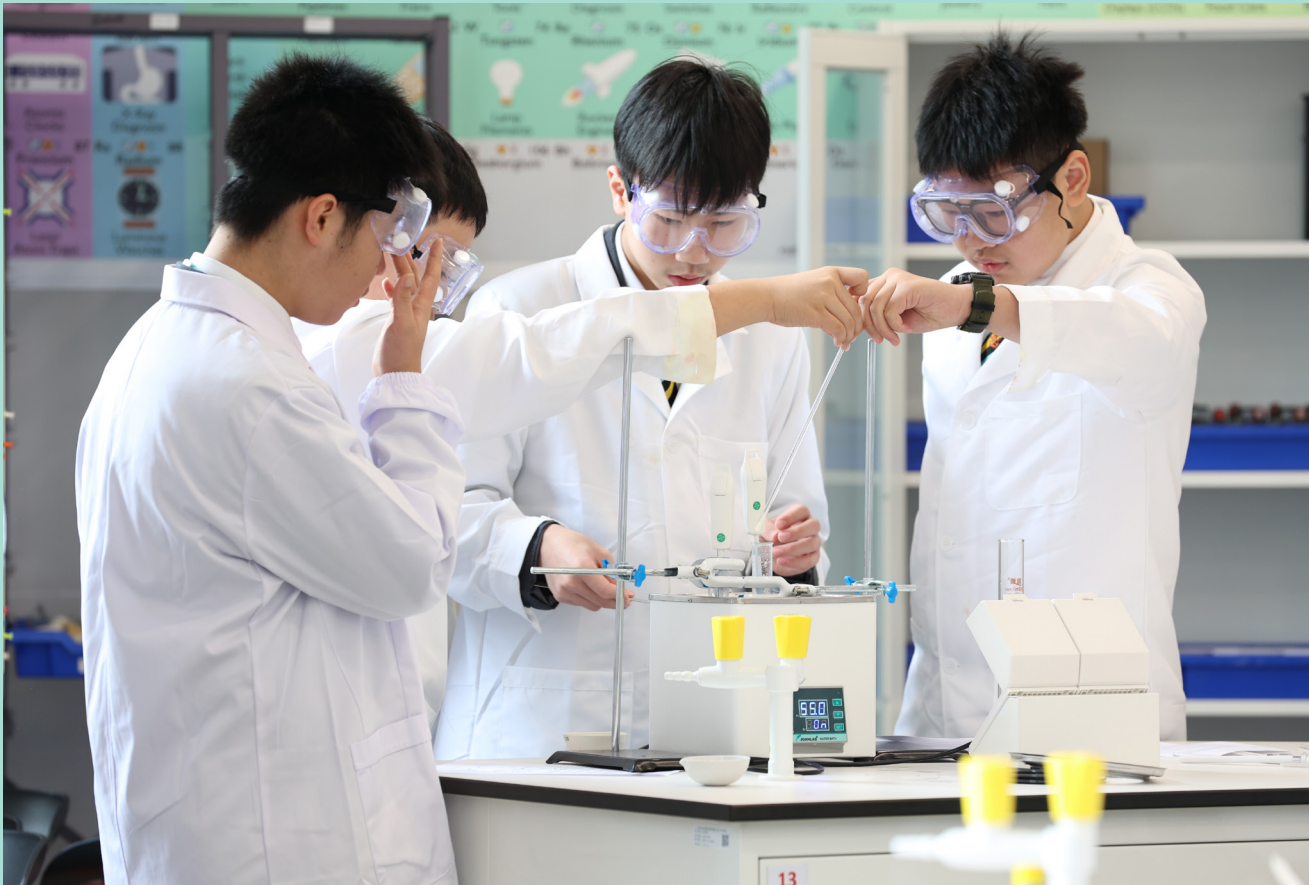




WELLINGTON COLLEGE
INTERNATIONAL
HANGZHOU



IGCSE Options Booklet

IGCSE 选课说明手册

A guide for pupils and parents
学生和家家长指南



The options process

选课流程

This is an exciting time for our pupils as they now have the opportunity to explore different academic routes and start to take some ownership of their education. Pupils will be able to choose a certain number of IGCSE subjects that they would like to study alongside the core/compulsory curriculum. This booklet will explain how the system works and give you information relating to each subject to help you understand the curriculum and inform your choices.

怀着激动的心情，学生们即将开始探索不同的学术路径，开始为自己的学习负责。除了核心必修科目外，学生还需选修一定数目的IGCSE选修科目。本手册将对选课体系进行介绍，提供各科目相关信息，帮助您全面了解IGCSE课程，并在您获取详尽信息后做出决定。

Pupil pathways

学生升学路径

We firstly needed to make sure that each pupil is allocated the right number of option choices for them to be successful. The pastoral team has gathered and reviewed information from the tutor, English teacher, learning support department, grade leader and the Head of Junior High, to place each pupil on the most suitable pathway. Pupils have been allocated one, two or three options depending on the outcome of the pastoral report. Those allowed to choose one or two options will be given extra English support to help them achieve in their IGCSEs.

We will also be identifying pupils who are able to be part of the mathematics fast track group. This cohort will be made up of pupils with a high ability in mathematics who will complete the IGCSE mathematics and the IGCSE additional mathematics in the compulsory math's lessons. Pupils not selected for the fast track can still do additional mathematics, however, it will need to be selected as one of their options.

Please refer to the letter to identify which pathway your child has been placed on.

选择恰当数量的学习科目是实现成功的第一步。学校的导师、英语老师、学习支持团队老师、年级组长和初中部校长均会给出相应信息，再由幸福关怀团队汇总审核，确保让每一位学生开启最适合自身的升学之旅。根据幸福关怀团队的报告结果，每位学生都将选修一门、两门或三门选修课程。选一门或两门选修课的学生将获得额外的英语支持，助力其获取优良的IGCSE成绩。

此外，学校将成立数学快速通道班，挑选数学能力突出的学生加入其中，在数学必修课上完成IGCSE数学课程和IGCSE高阶数学课程。未加入数学快速通道班的同学也能选修高阶数学课程，但该课程须为其选修课程。

请参考下表，了解您孩子的升学路径。

Pupil pathways 学生升学路径	
Red 红色	Students can choose 3 optional subjects. 学生选择三门选修课程。
White 白色	Students choose 2 optional subjects. Their 3rd option will be extra English. 学生选择两门选修课程。第三门选修课程是额外英语课程。
Blue 蓝色	Students choose 1 optional subject. Their 2nd and 3rd options will be extra English. 学生选择一门选修课程，其第二和第三门选修课程为额外英语课程。

Extra English

额外英语

Every pupil who learns another language will acquire it at different speeds; they will encounter it in different environments and contexts too. In addition, pupils might begin learning the language at a different point to one other and have greater or lesser exposure than their peers. We recognise that learning English is not a linear process and that some pupils require additional support to make the progress that will facilitate them on their IGCSE English pathway.

We provide tailored additional English lessons that are aligned with Core English and expand upon aspects of the language that the pupils need further support with. This varies depending on pupil need: for some, more exam strategy practice might be necessary, whereas other pupils might benefit from targeted support that develops accuracy in grammar or speaking fluency. Therefore, as part of the individual pathways (White and Blue) we offer three different additional English options:

- 3 hours of additional English (exam strategy and practice)
- 6 hours of additional English (grammar and vocabulary, productive skills)

外语学习中，每个学生的进度都有所不同，都要学习如何在不同的环境和场景中使用外语；而每个学生开始语言学习的时间和周边的语言环境也都不尽相同。英语学习不是直线型的过程，有些同学需要在额外的英语支持下，顺利完成IGCSE英语课程的学习。

额外英语课程与核心英语课程步调一致，重在拓展学生有需要的语言学习技能，授课方向视学生需求而定。有的学生需强化应试技能，有的学生需加强语法和口语练习。据此，白色和蓝色选修课方案含三项不同的额外英语授课方向：

- 3小时额外英语（应试技巧与练习）
- 6小时额外英语（语法与词汇，产出技能）



Subject choice and quantity

课程选择和课时

It is usual for schools to have a range of compulsory subjects and then to offer an element of choice to help personalise the learning for each pupil. This booklet outlines key information to help parents, pupils and schools to make an informed choice together.

A native speaking and able pupil in the UK would study for 9 GCSEs. A pupil would typically study between 5 and 10 IGCSEs.

Below is an outline of the compulsory subjects that pupils will be taking along with the number of option choices for each pathway.

学校一般会开设一系列必修课程，并提供能辅助每位学生的个性化发展和学习的选修课程。本手册列明了各个课程的关键信息，以帮助家长、学生和学校共同做出合适的选择。

在英国，以英语为母语且有能力的学生会修读九门GCSE课程。学生通常会学习五至十门IGCSE课程。

以下是各升学路径中，选修课程之外的必修科目概览。

Pupil pathways 学生升学路径			
Pathway 升学路径	RED 红色	WHITE 白色	BLUE 蓝色
Compulsory Non-qualifications 非证书类必修	Well-being 幸福课 Physical education 体育	Well-being 幸福课 Physical education 体育	Well-being 幸福课 Physical education 体育
Compulsory qualifications 证书类必修	English 英语	English 英语	English 英语
	Mathematics 数学	Mathematics 数学	Mathematics 数学
	Science 科学	Science 科学	Science 科学
	Chinese 中文	Chinese 中文	Chinese 中文
Option choice 1 选修1	Free choice 自由选择	Free choice 自由选择	Free choice 自由选择
Option choice 2 选修2	Free choice 自由选择	Free choice 自由选择	Extra English 额外英语
Option choice 3 选修3	Free choice 自由选择	Extra English 额外英语	Extra English 额外英语

Optional subjects

选修科目

We are proud to offer a wide range of IGCSE option subjects for our pupils to choose from. Further details regarding the subjects that we offer, both compulsory and optional, can be found within this booklet, so please take the time to read the information carefully.

学校为学生提供丰富多彩的IGCSE选修课程。本手册将对我校提供的必修、选修科目进行详细介绍，敬请仔细阅读。

Additional Mathematics 附加数学	Art and Design (Fine Art) 艺术与设计	Business studies 商务研究
Art and Design (3D Design) 设计工艺 (艺术与设计: 三维设计)	Drama 戏剧	Economics 经济学
French 法语	Geography 地理	Global Perspectives 全球视野
History 历史历史	ICT 信息通讯技术	Music 音乐
Physical Education 体育	Computer Science 计算机科学	Spanish 西班牙语

Introduction to IGCSE

国际普通中等教育证书 (IGCSE) 介绍

British schools often follow an adapted version of the English National Curriculum to offer a range of subjects at IGCSE (International General Certificate of Secondary Education) level. The majority of all pupils in the UK study for GCSEs between the ages of 14 and 16.

The International GCSE (IGCSE) is worth the same as the UK GCSE. They are exactly the same qualification. The IGCSE was offered because international schools were finding exams had to be sat at awkward times as the timing was dictated by the British academic year, and aspects of administration were difficult. They also suffered with some aspects of coursework, which is less common in IGCSE than GCSE. Many British schools, including our UK sister school Wellington College, have opted to deliver IGCSEs because they regard them as being academically more rigorous than GCSEs.

So, in short, IGCSEs are simply GCSEs designed for international schools.

英制学校通常会调整英国国家教育大纲，并开设多门国际普通中等教育证书课程 (International General Certificate of Secondary Education, 下文简称IGCSE)。在英国，大多数学生须在14岁至16岁学习普通中等教育证书课程 (General Certificate of Secondary Education, 下文简称 GCSE)。

国际普通中等教育证书课程 (即IGCSE) 与英国普通中等教育证书课程 (即GCSE) 拥有同样的社会认可度。GCSE的统考时间是依据英国教育学年所设置的，这导致许多国际学校必须在一些不恰当的时间节点安排考试，导致部分管理工作面临极大困难，IGCSE课程应运而生。同时GCSE课程中部分作业设置也不匹配国际学校的实际教学情况，而这在IGCSE课程中较为少见。目前，包括我校姊妹学校——英国惠灵顿公学在内的许多英国学校都已经采用IGCSE课程，因为他们认为相比于GCSE，IGCSE课程体系在学术方面更为严谨。

简而言之，IGCSE课程是为国际学校学生设置的GCSE课程。



Examination boards

考试局

There is a freedom of choice in the UK system, which means that if a school wants to deliver a subject at GCSE, it can choose, to an extent, the subject content and how it is examined. Several different Examination boards offer the same subjects.

Typically, schools will pick the exam board whose syllabus best matches what the school wants to deliver and what they feel is in the best interest of their pupils.

A UK organisation called the QCA (Qualifications and Curriculum Authority) is there to ensure standards are the same between exam boards. So, it makes no difference if a pupil sits an IGCSE offered by one exam board or another. The final grade is worth exactly the same.

The most common British Examination boards are:

- Cambridge Assessment International Education (CAIE)
- Edexcel

在英国教育体系中，校方对课程有自由选择权，也就是说当一所学校决定开设一门GCSE课程时，校方可在一定程度上选择科目内容和考试方式。因为有多数考试局可以提供相同的科目。

通常情况下，学校会选择考试大纲最符合自身课程设置、最适合本校学生的考试局合作。

英国资质证书与课程管理委员会 (Qualifications and Curriculum Authority, 简称QCA) 负责确保各考试局之间遵循统一的标准。因此，无论学生参加由哪所考试局提供的IGCSE考试，最终考试成绩都遵循统一标准。

英国最常见的考试局是：

- 剑桥大学国际考试局 (简称CAIE考试局)
- 英国爱德思国家职业学历与学术考试机构 (简称Edexcel考试局)

Assessment and awards

考核与计分

IGCSEs do not result in one single grade, score or level. A separate grade is awarded for each subject. So, how well a pupil has done depends on how many IGCSEs have been passed, and what grade has been achieved in each.

The awards are made by the exam boards, totally independently of the school, and according to strict regulations.

IGCSE课程并没有一个整体综合的成绩、分数或等级，而是各科单独评分。因此，学生IGCSE课程的学习表现取决于他们通过了多少科IGCSE考试以及各科成绩。

学校完全不参与任何评分过程，由考试局遵循严格规定进行独立评分。

The majority of courses end with examinations in April - June of Year 11. These examinations are very formal and are set and marked externally by the exam board.

In addition, some courses include an element of coursework. This is special work completed which may be marked internally or externally by the exam board and counts towards a percentage of the final mark.

Each subject is awarded a grade following either the 9-1 marking system: 9, 8, 7, 6, 5, 4, 3, 2 or 1, with 9 being the highest grade attainable or A* to G: A*, A, B, C, D, E, F, G with A* being the highest grade attainable. The reason for the two grading systems is that the IGCSEs are currently under reform, which means that some subjects are still using the older marking grades A*-G. Both grading systems are valid and accepted by colleges and universities.

These are theoretically all considered a passing grade, but in many UK schools, universities and employers only recognise grades 9 to 4 or A* to C as a pass. A U grade, meaning ungraded, is awarded to represent a fail. A pupil would receive no subject certificate for such a grade, so it would not count as an IGCSE.

Please note that IGCSEs are under reform at the moment, which means that some of the subjects are still using the older marking grades of A*-G.

The diagram gives an explanation in terms of how the new 9-1 scale maps to the older A* - G grading system.

大部分科目的最终考试时间都在每年的四至六月。学生会在十一年级参加考试。所有考试均为正式考试，由选定的外部考试局组织并进行评分。

此外，部分课程还将考核学生的课程作业。课程作业是指学生完成的特殊指定作业，该作业得到相关内审或考试局外审评分后，将被折算为百分比计入最终成绩。

各科目评分将遵循9-1评分分制（9分，8分，7分，6分，5分，4分，3分，2分或1分，其中9分为最高分）或A*-G级评分分制（A, B, C, D, E, F和G，其中A*为最高分）。之所以出现两套评分标准并行的现象，是因为目前IGCSE正在经历改革过渡期，即意味着部分科目仍将使用以往的A*-G的评分系统。两套评分标准具备同等效力，均被世界各地的大学和高校广泛认可。

理论上，上述成绩均表示通过。但许多英国学校、大学和用人单位都仅将4分至9分或C至A*视为通过。此外，“U”级（未评级）表示未通过。U级成绩意味着学生无法获得相应科目证书，不视为通过该IGCSE科目。

目前IGCSE课程仍在改革过渡中，因此部分科目仍使用原先的A*-G评分体系。

以下为9-1评分体系与 A*-G评分体系的对照表。

CURRENT	NEW INTERNATIONAL GCSE
A*	9
A	8 7
B	6 5
C	4
D	
E	3 2
F	
G	1
U	U

What follows after the IGCSE?

IGCSE课程结束后, 我们学什么?

The results of these exams may be used in the UK by selective schools as criteria to progress on to study A levels (General Certificate of Education Advanced Level) in the Senior School.

Entry into the Sixth Form does depend on how well you do in your courses. IGCSE courses provide a route into the Sixth Form. During the final year of studying IGCSEs, pupils and parents are given clear advice about how to apply and what grades you will need to achieve to study particular courses.

The results are also used by universities when making prospective offers to pupils hoping to study there. That is to say the qualifications are not used to gain entry but may be used to inform terms of entry. IGCSEs give an early, and very accurate, indicator of academic potential.

英国非免试入学的学校将上述考试成绩作为在高中阶段学习普通中等教育证书高级水平课程 (General Certificate of Education Advanced Level, 下文简称A-level) 的入学和选课门槛。

是否能进入高中部 (Sixth Form) 阶段的学习取决于科目学习成绩。学习IGCSE课程后, 可升入高中部阶段的学习。IGCSE课程最后一年, 学生和家长将详细了解申请流程, 明确具体课程的成绩要求

高校在录取学生时也会参考学生IGCSE课程阶段的考试成绩。虽不能以IGCSE考试成绩直接申请大学, 但由于改成绩能准确预测学生的学术潜能, 因此有时大学也会将其作为入学条件之一。

Advice on choosing subjects

选课建议

This is an exciting opportunity for all pupils, and they should choose subjects they enjoy and suit their interests, skills and future career ambitions. When deciding upon choices, the following should be taken into consideration:

- What are the subjects you want to do and will enjoy doing?
- What is your progress like in these subjects? Will you be successful?
- What will your choices lead to in the Sixth Form, college or employment?
- What career do you want?
- What are your skills?

对学生而言, 选课是一个激动人心的机会, 学生应根据自身兴趣与能力并结合未来职业规划选择相应课程。选课时需注意以下几点:

- 你想学、乐意学哪些课程?
- 这些课程你学得怎么样? 你会取得成功吗?
- 现在的选择会如何引导你进入后续的Sixth Form和大学阶段的学习, 助力你未来的职场发展呢?
- 你今后想从事哪种职业?
- 你有哪些技能?

DO	DON'T
Talk to parents, tutors and subject teachers about courses and your capacity to be successful.	Choose a subject because a friend is doing it. This is about your future and it shouldn't be based on anything other than your aspirations.
Read the subject details in this booklet carefully and asks if more information is required.	Choose a subject because you like a particular teacher.
Opt for a balanced choice of subjects to keep your future options open.	Avoid a subject because of your experience being taught by a particular teacher.
Be realistic about your ability – choose a subject that you will be capable of succeeding in and that will challenge you.	Be misled by the title of the subject into thinking you need it for a career.

谨记	切忌
与家长、学院教师和任课教师沟通, 清楚了解课程内容和自身学习潜能。	刻意选择跟朋友一样的课程。选课关乎自己的未来, 应该基于自身志向, 而非出于任何其他原因。
仔细阅读本手册中的课程详情, 如需更多信息, 应及时提出要求。	出于对某位老师的喜爱而选择某一课程。
保持均衡的课程选择, 为未来发展保留更多可能性。	为避免上某位老师的课而不选择某一课程。
认识自身能力, 选择有能力取得优异成绩, 且对自己而言有一定难度的科目。	被课程名称误导, 以为未来职业生涯需要这门课程知识。

Assessment overview

考核综述

Every course is assessed through a mixture of examinations and coursework. Coursework assessments are tasks completed under a teacher's supervision. Examinations cannot be avoided, however; parents, pupils and schools should consider which mixture of assessment would be most suitable.

各科目将以考试和课程作业相结合的方式进行考核。课程作业通常在教师指导和监督下完成。考试是无法避免的，但家长、学生和学校可以选择最合适的考核占比组合。

Subject 科目	Exam Board 考试局	Examination Percentage 考试占比	Coursework Percentage 课程作业占比
Additional Mathematics 高阶数学	CAIE	100	-
Art and Design 艺术与设计	Edexcel	50	50
Business Studies 商务研究	CAIE	100	-
Chinese (1st language) 中文 (第一语言)	CAIE	100	-
Chinese (2nd language) 中文 (第二语言)	CAIE	80	20
Chinese (Foreign language) 中文 (外语)	CAIE	100	-
Design and Technology 设计工艺	CAIE	50	50
Drama 戏剧	CAIE	40	60
Economics 经济学	CAIE	100	-
English Language (1st language) 英语 (第一语言)	CAIE	50	50

English Language (2nd language) 英语 (第二语言)	CAIE	100	-
English Literature 英语文学	CAIE	75	25
French 法语	CAIE	100	-
Geography 地理	CAIE	72.5	27.5
Global Perspectives 全球视野	CAIE	35	27.5
History 历史	CAIE	73	27
ICT 信息技术	CAIE	100	-
Mathematics 数学	CAIE	100	-
Music 音乐	Edexcel	40	60
Physical Education 体育	CAIE	50	50
Science 科学	Edexcel	100	-



Compulsory subject overview 必修课程概述

The following subjects are part of the compulsory curriculum. This means that all pupils will have the following subjects as part of their timetable.

以下为课程均为必修科目，即所有学生都将学习以下科目。

English (IGCSE examined course) 英语 (IGCSE考试科目)

- English language (English as a first language)
- English language (English as a second language)
- English literature
- 英语语言 (英语为第一语言)
- 英语语言 (英语为第二语言)
- 英语文学

English as a First Language, English as a Second Language and English Literature 英语 (第一语言) 和英语 (第二语言)

English Language will be offered to all pupils. The decision upon which IGCSE course to take will be determined by the school and based on academic progress.

学校面向所有学生提供英语课程。学校将依据学生的学习进展选择英语 IGCSE课程。

Chinese (IGCSE examined course)

中文 (IGCSE考试科目)

- Chinese (Chinese as a First language)
- Chinese (Chinese as a Second language)
- Chinese (Chinese as a Foreign language)

All pupils will study the IGCSE Chinese course. This courses are designed to cater for native and non-native speakers and the decision upon which IGCSE course to take will be determined by the school and based on academic progress and Chinese fluency.

- 中文 (第一语言)
- 中文 (第二语言)
- 中文 (外语)

所有学生均将学习IGCSE中文课程。中文课程面向中文为母语和中文为非母语的学生，学校将依据学生的学习进展和中文流利程度选择中文IGCSE课程。

Mathematics (IGCSE examined course)

数学 (IGCSE考试科目)

- IGCSE mathematics (all pupils to sit the IGCSE maths)
- Additional mathematics (selected by pupils as one of their options under the guidance of the head of maths)

All pupils will study the IGCSE mathematics course. However, those with an excellent ability in mathematics will pursue a further IGCSE qualification named additional mathematics.

- IGCSE数学 (所有学生必修的IGCSE数学课程)
- 高阶数学 (面向在数学组组长指导下将该课程选为选修课的学生)

IGCSE数学科目是所有学生的必修课。数学能力突出的学生可额外学习IGCSE中的高阶数学课程。

Science (IGCSE examined course)

科学 (IGCSE考核科目)

- Triple science: biology, chemistry, physics
- Science – Double award
- Science – Single award

Biology, chemistry and physics are studied by all pupils. The most able can study all three separate sciences. Other pupils may study double or single award IGCSE courses. The decision upon which IGCSE course to take will be determined by the school and based on academic progress.

Pupils will only take the single award if he/she is not intending to progress to further scientific study.

- 独立科学：生物、化学、物理
- 科学：组合科学
- 科学：基础科学

所有学生都必须学习生物、化学和物理科目。能力突出的学生可学习三门独立科学课程，其他学生可选择组合科学或基础科学课程。学校最终会依据学生的课程学习情况决定合适的IGCSE科学课程。

若不计划未来在科学领域继续深入学习，学生可选择基础科学课程。

Physical Education (non-assessed)

体育 (非评估)

Core (non-assessed) PE will enable all pupils to participate in regular physical activity.

There are many physical benefits of exercise which are widely advertised but research also shows that physical activity can boost self-esteem, mood, sleep quality and energy, as well as reducing and alleviating stress and tension.

Pupils will participate in a range of activities including invasion games, net games, individual activities and fitness-based activities.

There will be opportunities for pupils to show leadership skills in both coaching and officiating roles through the blocks of study.

核心（非评估）体育课程上，学生要参加常规的体育活动。

体育运动对身体健康的益处广为人知。此外，研究还表明，体育运动有助于提升人的自尊心、情绪、睡眠质量和能量，还有助于缓解压力，减缓紧张情绪。

学生须参与多种体育活动，如对抗运动、设网类运动、个人运动和健身类运动。

学生还能在学习空隙间担任教练或主持比赛，以此来培养领导力。

Well-being (non-assessed)

幸福课 (非评估)

This programme will allow pupils to discuss and learn about a wide variety of topics which affect them in the twenty first century. Lessons will include discussions about controversial issues and will be vital in developing the transferable skills of empathy, critical thinking, debate and respect for others.

Topics include:

幸福课上，学生会就二十一世纪中影响自身生活的多种话题进行讨论和学习。课程内容包括对有争议的问题开展讨论等，在培养学生的同理心、批判性思维、讨论和尊重等可转移技能方面有着至关重要的作用。

学习话题包括：

Binge drinking 过度饮酒	Study skills 学习技能
Screen time 电子设备使用时间	Time management 时间管理
Hate crimes 仇恨犯罪	Tattoos and body piercing 纹身和人体穿孔
Homelessness 无家可归的人	Living sustainability 可持续生活
Relationships with role models 与榜样的关系	Fake news and critical thinking 虚假新闻和批判性思维
Conflict management 冲突管理	Parenting 家长为什么这么做

University Preparation (non-assessed)

大学准备课 (非评估)

Pupils will be taught for one hour a week by the university advisor. This is a bespoke programme specifically for our pupils that prepares them for their university applications to countries around the world. They are taught about the university systems in the UK, USA, Canada and Australia with a focus on what the top universities are looking for in prospective pupils. Pupils also develop a variety of key skills from leadership to public speaking through the activities in class which help to strengthen their applications and equip them for undergraduate studies.

学生须每周参加大学指导老师的一小时课程。该课程面向我校学生专门开设，旨在让学生为申请世界各地的大学做好准备，认识英国、美国、加拿大和澳大利亚等国的大学体系，重点探讨顶尖大学青睐的学生特质。学生还将通过多种课堂活动培养领导力和公众演讲等一系列关键技能，不断丰富大学申请材料，掌握本科阶段学习的相关技能。



Compulsory subjects detailed subject information 必修科目详情

English Language - (English as a first language) 英语语言——（英语为第一语言）

Course and assessment 课程与考核

Examination Board – CAIE

Throughout the course, pupils will familiarise themselves with writing in a range of forms including: letters, reports, journals, speeches, interviews, newspaper reports and magazine articles. They will refine their ability to demonstrate their understanding of implicit meanings and attitudes in a similar range of forms.

Pupils will have the opportunity to write in a range of styles, culminating in three coursework assignments. The types of assignments required are:

- Informative, analytical and/or argumentative writing.
- Descriptive and/or narrative writing.
- A response to a text or texts of approximately two sides of A4 in total, chosen by the school. The text(s) will contain facts, opinions and arguments.

This course is examined by one written paper and three extended coursework writing assignments.

考试局——剑桥大学国际考试局（CAIE）

本课程内容包括学习多种文章体裁的写作，如信函、报告、日志、演讲稿、访谈文、新闻报道和杂志文章等等，使学生更好地理解文章的言外之意，表达自身立场。

学生需要完成三份课程作业，有机会接触和实践不同文体的写作。作业类型包括：

- 说明文、分析性写作和/或议论文
- 描写文和/或记叙文
- 学校给出大约两面A4纸的一个或多个含有事实、观点和论点的文本，学生据此进行话题写作。

本课程的考核内容包括一份书面考试试卷和三篇拓展性的写作业。



Examination

考试

Paper 1 is assessed by a 2 hour examination which is worth 50% of the final mark. Pupils will answer structured and extended writing questions on three passages of English text.

卷1考试时长为2小时，依据三段英文文本设置结构性和拓展性的简答题，占课程总成绩的50%。

Coursework

课程作业

The coursework is worth 50% of the final mark. Pupils will submit three assignments, each an extended piece of writing.

课程作业占总成绩的50%。学生须上交三篇拓展性的写写作业。

Entry Requirements

基准要求

There are no entry requirements, but the course has been designed for pupils who are able to write English to near a native speaker standard.

本课程不设基准要求，但课程内容是依据英语写作水平接近母语水平的学生而设置的。

Why English Language?

为什么选择英语语言？

Whilst the study of English is compulsory, Cambridge IGCSE English first language is important as it aims to develop successful readers, writers, listeners, speakers and thinkers. The emphasis is on language skills. It encourages pupils to use relevant vocabulary, precise grammar, spelling and punctuation and to demonstrate an awareness of purpose and audience.

英语是学生的必修科目。剑桥IGCSE的英语（第一语言）课程的重要性不言而喻。本课程旨在培养学生优秀的听、说、读、写、思等能力，重点关注语言技巧的提高，指导学生恰当使用词汇，正确使用语法和标点符号，树立文体意识和读者意识。

Speaking and listening assessment

口语和听力考核

Component 4 is an optional speaking and listening examination. Pupils will be assessed on an individual conversation on a given topic. Pupils will receive a certificate for their personal record of achievement which will be graded as a 1 (high) to a 5 (low). This does not contribute to the overall grade candidates receive for the written components.

第4部分是可选的口语和听力考试，考核学生就既定话题开展对话的能力，学生会收到一份个人成绩单，1分为最高分，5分为最低分。该成绩单不作为书面部分综合成绩证书的一部分。



English Language - (English as a second language)

英语语言——（英语为第二语言）

Introduction

课程介绍

The English as a second language course is designed for pupils who have strong fundamental control over English language. This course will solidify their understanding of English grammar, syntax as well as advance their ability to read and infer meaning from numerous texts. This is an excellent course for those who want to practice fundamental English.

英语为第二语言课程面向能熟练掌握英语语言基础知识的学生。本课程将巩固学生的英语语法和句法知识，提升学生阅读多种文本并理解文本隐含意义的能力，是希望培养基本英语知识的学生不错的选择。

Course and assessment

课程与考核

Examination Board – CAIE

考试局——剑桥大学国际考试局（CAIE）

This course develops learners' ability to use English effectively for practical communication and forms a solid foundation for the skills required for further study or employment using English as a medium. It develops learners' awareness of the nature of language and language-learning skills promote learners' personal development.

本课程旨在培养学生有效使用英语进行沟通交流的能力，为后续更深入的学习英语或以英语作为工作语言打好坚实的基础。此课程能够提高学生对语言本质的认知和学习语言的技能，促进学生的个人成长。

Cambridge IGCSE English as a second language offers candidates the opportunity to develop practical communication skills in listening, speaking, reading and writing. Learners will be presented with a variety of stimuli that will build up their skills in reading and writing. They will learn to select relevant details, understand the difference between what is directly stated and implied, and practise writing for different purposes and audiences. Learners will listen to a range of spoken material including talks and conversations, to develop listening skills. Learners will engage in conversations on a variety of topics and develop their skills in responding to different situations and audiences with a degree of accuracy and clarity.

剑桥IGCSE英语（第二语言）课程为学生提供了发展听、说、读、写等实用交流技能的机会。本课程以多种方式激励学生学习，培养其阅读和写作技能：阅读方面，学习细节筛选，明确区别文章明确传达和隐含其中的意义；写作方面，练习面向不同受众的不同文体的写作。听力方面，听讲话、对话等形式多样的听力材料，提高听力水平。口语方面，针对不同话题开展对话，提高面对不同受众时的应变能力，做到准确、清晰地表达和交流。

Cambridge IGCSE English as a second language will enable learners to become independent users of English and be able to use English to communicate effectively in a variety of practical contexts.

剑桥IGCSE英语（第二语言）课程旨在使学生能够独立使用英语，在多种实用场景中有效地使用英语进行沟通。

The course has two tiers: core, which allows pupils to achieve a grade of 5-1 and extended, which makes candidates eligible for grades 9-3.

本课程设置两种梯度，基础课程的学生可达到1-5分，拓展课程的学生可达到3-9分。

Examination - Core

考试——基础课程

Paper 1 is assessed by a 1 hour 30 minute examination which includes six non-fiction based tasks that test a range of reading and writing skills. This examination is worth 70% of the final mark.

卷1考试时长为1小时30分钟，共6道非小说类题目，考核学生的阅读和写作技巧。该卷成绩占总成绩的70%。

Paper 3 is assessed by a 40 minute examination which is worth 30% of the final mark. Pupils will listen to several extracts and complete a range of task types.

卷3考试时长为40分钟，学生须听一些选段，回答相关问题。该卷成绩占总成绩的30%。

Examination - Extended

考试——拓展课程

Paper 2 is assessed by a 2 hour examination which includes six non-fiction based tasks that test a range of reading and writing skills. This examination is worth 70% of the final mark.

卷2考试时长为2个小时，共6道非小说类语言题目，考核学生的阅读和写作技巧。该卷成绩占总成绩的70%。

Paper 4 is assessed by a 50 minute examination which is worth 30% of the final mark. Pupils will listen to several extracts and complete a range of task types.

卷4考试时长为50分钟，学生须听一些选段，回答相关问题。该卷成绩占总成绩的30%。

The English Department will select the appropriate pathway (Core or Extended) for each pupil during the course.

英语组教师将针对每位学生的情况为其选择合适的课程（基础课程或拓展课程）。

Speaking assessment

口语和听力考核

Component 5 is a speaking and listening assessment taken by core and extended candidates. Pupils will be assessed on an individual conversation and discussion on a given topic. Pupils will receive a certificate for their personal record of achievement which will be graded as a 1 (high) to 5 (low). This does not contribute to the overall grade candidates receive for the written components.

第5部分是可选的口语和听力考试，考核核心课程和拓展课程学生就既定话题开展对话的能力。学生会收到一份个人成绩单，1分为最高分，5分为最低分。该成绩单不作为书面部分综合成绩证书的一部分。



English Literature

英语文学

Introduction

课程介绍

During an English literature course, pupils will delve into English literary history. They will advance their essay writing skills to a high level and prepare a coursework portfolio of responses to different literary texts. This course is not just a reading course; it will require pupils to combine their knowledge of history and psychology and apply it to a set of texts that aim to develop pupils' understanding of the world.

英语文学课程将带领学生在英语文学史中畅游，掌握高水准的论文写作技巧，针对多种文学文本开展写作并形成课程作业作文集。除阅读内容外，本课程还要求学生充分结合历史和心理学知识，将之应用于多种文本，提升对世界的洞察力。

Course and assessment

课程与考核

Examination Board - CAIE

Cambridge IGCSE literature in English offers learners the opportunity to read, interpret, evaluate and respond to a range of literature in English. The range includes drama, prose and poetry from the works of Shakespeare to contemporary literature. This course enables learners to deepen their understanding and appreciation of the ways in which writers use English to express meaning and achieve certain effects. Cambridge IGCSE literature in English will stimulate learners to read for pleasure and to explore wider universal issues.

考试局——剑桥大学国际考试局（CAIE）

剑桥IGCSE英语文学课程旨在让学生阅读、阐释、评估和思考不同的英语文学作品，学习从莎士比亚时期到现代文学时期的戏剧、散文和诗歌等多种体裁文学。通过本课程，学生能深入理解并欣赏作家使用英语传达观点并达到预期效果的方式。本课程激励学生从阅读中找到乐趣，探索更广泛而普遍的问题。

在学习散文、诗歌和戏剧等三种主要文学体裁的固定文本时，学生要：

- Studying set texts drawn from the three main forms of literature – prose, poetry and drama, pupils will be expected to:
 - Gain detailed knowledge of the content of texts.
 - Understand meanings of literary texts and their contexts.
 - Explore texts beyond surface meanings to show deeper awareness of ideas and attitudes.
 - Recognise and appreciate ways in which writers use language, structure and forms to create and shape meanings and effects.
 - Communicate a sensitive and informed personal response to literary texts.

- 获取文本内容中的详细知识。
- 理解文字与情景的意义。
- 透过字面涵义探索深层次思想和立场。
- 识别并鉴赏作者在创造、塑造意义和实现预期效果时的选词用语、文章布局和表达形式。
- 敏锐而详细地谈论对文学文本的个人理解。

Examination

考试

Paper 1 is assessed by a 1 hour 30 minute examination which is worth 50% of the final mark. Pupils will answer two questions on two texts: one poetry and one prose.

Paper 3 is assessed by a 45 minute examination which is worth 25% of the final mark. Pupils will answer one question on a dramatic literary text the pupils will have studied in class.

卷1考试时长为1小时30分钟，学生要阅读1篇诗歌和1篇散文，并分别回答2道题目。该卷成绩占总成绩的50%。

卷3考试时长为45分钟，考题是1道针对课堂上学过的一篇戏剧文学文本的一个问题。该卷成绩占总成绩的25%。

Coursework

课程作业

Paper 5 is assessed through a coursework portfolio of two assignments. Both assignments will be based on different texts. The coursework is worth 25% of the final mark.

卷5将对2份课程作业进行考核，该2篇课程作业须针对不同的文本。课程作业考核将占总成绩的25%。

Entry Requirements

基准要求

There are no entry requirements, but the course has been designed for pupils who are able to study a novel and Shakespeare with confidence. Pupils must feel comfortable with closed text or 'no-book' examinations. The English Literature IGCSE is designed for pupils who are able to write English to a near native speaker standard.

本课程不设基准要求，但本课程内容是面向有能力和有自信学习小说和莎士比亚文学的学生所设置的。学生必须能够完成闭卷考试。IGCSE英语文学课程要求学生需要能以接近母语的标准进行英语写作。

Why English literature?

为什么选择英语文学？

Pupils following the Cambridge IGCSE English Literature course will learn to enjoy the experience of reading literature by interpreting and evaluating English literacy texts from different periods and from different cultures.

Pupils study prose, drama and poetry through a range of set texts written originally in English. They develop their ability to appreciate the different ways in which writers achieve their effects and communicate their personal response to the texts studied.

Pupils also consider the contribution English literature has made to our wider understanding.

通过学习剑桥IGCSE英语文学课程，学生将对不同文化背景和不同年代的英语文学文本进行阐释和评估，学会享受文学阅读过程。

本课程中，学生将学习以英语为源语的散文、戏剧、诗歌等不同体裁的作品，鉴赏作者实现写作效果的不同方式，谈论对所学文本的个人理解。

学生还将思考英语文学在拓展人们对世界的理解方面的贡献。





Mathematics 数学

Introduction 课程介绍

Mathematics is one of the only subjects that is found naturally in our world, meaning that it is one of the first things we learn as humans. Therefore, such an emphasis is put on learning mathematics, as it has the power to open doors into so many other subjects. Mathematics enables us to master skills such as reasoning, problem solving and creativity in almost every lesson. These skills are important in everyday life in ways you might never recognise, yet without them you are unable to investigate the world around you.

数学是少有的存在于大自然中的学科，是人类最先学习的内容之一。数学能推开众多学科的大门，其重要性不言而喻。数学赋予人们论证和解决问题的能力，激发人的创造力，潜移默化地影响着人们日常生活的方方面面，是观察周边世界不可或缺的技能。

Course and assessment 课程与考核

Examination Board – CAIE

考试局——剑桥大学国际考试局 (CAIE)

The course has two tiers; core which allows pupils to achieve a grade of G - C and extended which makes candidates eligible for grades D – A*. Both tiers assess their assessment assessing pupils on their knowledge of numbers, algebra, shape and space, probability and statistics. There are no coursework requirements for this IGCSE.

本课程设置两种梯度，核心课程的学生可取得G–C的成绩，拓展课程的学生可取得D–A*的成绩。基础课程和拓展课程的考核均包括数字、代数、图形与空间、概率和统计等内容。本课程考核不含课程作业。

Pupils will learn in-depth knowledge and skills around the following content:

学生将深入学习以下知识和技能：

- Numbers: Set notation and language, accuracy, ratio and proportion.
- Algebra: Graphs of functions and straight lines, manipulation, equations and inequalities, functions, indices and linear programming.
- Shapes and Spaces: Geometrical relationships, angle properties, trigonometry, mensuration, vectors, matrices, symmetry and transformations.
- Probability and Statistics: Percentages and fractions.

- 数字：数学符号和语言、准确度、比率和比例
- 代数：函数图与直线图、数学变换、等式和不等式、函数、指数和线性规划。
- 图形与空间：几何关系、角的特性、三角函数、求积法、向量、矩阵、对称和变换。
- 概率和统计：百分比和分数

Examination - Core

考试——基础课程

Paper 1 is assessed by a 1 hour examination which is worth 35% of the final mark. Pupils will be expected to complete short-answer questions.

Paper 3 is assessed by a 2 hour examination which is worth 65% of the final mark. Pupils will be expected to answer structured questions designed to assess their understanding of mathematical concepts.

卷1考试时长为1小时，试题形式为简答题。该卷成绩占总成绩的35%。

卷3考试时长为2小时，试题为结构化问题，测试学生对数学概念的理解。该卷成绩占总成绩的65%。

Examination - Extended

考试——拓展课程

Paper 2 is assessed by a 1 hour 30 minute examination which is worth 35% of the final mark. Pupils will be expected to complete short-answer questions.

Paper 3 is assessed by a 2 hour 30 minute examination which is worth 65% of the final mark. Pupils will be expected to answer structured questions designed to assess their understanding of mathematical concepts.

The Mathematics Department will select the appropriate pathway (Core or Extended) for each pupil during the course.

卷2考试时长为1小时30分钟，试题为简答题。该卷成绩占总成绩的35%。

卷3考试时长为2小时30分钟，试题为结构化问题，测试学生对数学概念的理解。该卷成绩占总成绩的65%。

数学组教师将针对每位学生的情况为其选择合适的课程（基础课程或拓展课程）。

Why Mathematics?

为什么选择数学？

It provides a challenge, has clear instructions and typically you know when you are right. When you solve a problem, it offers you a feeling of excitement and satisfaction. It is important to have a strong foundation in mathematics to be successful in most other subject areas; including biology, chemistry, physics, ICT, economics, music and many other areas. Mathematics is about pattern and structure, and the maths behind these patterns can be used to explain and control natural phenomena around us.

数学课程给学生提供了自我挑战的机会，指示清晰，一般情况下正误明确。每答对一道题，都会让人们感到满足和兴奋。坚实的数学基础是学好大多数其他科目的基础，包括生物、化学、物理、信息与通信技术、经济学、音乐和众多其他领域。数学是关于规律与结构的学科，规律背后的数学知识可以解答并控制人们周边的自然现象。



Science 科学

The comprehensive range of Science IGCSEs listed all share the same aims and objectives while at the same time providing different levels of depth to meet all our individual pupils' needs. Each course contains a programme of study that will fully engage pupils, support the best possible outcomes at IGCSE and enable successful progression to A Level and beyond, with the exception of the Single Award Science which does not.

Qualification aims and objectives 课程目标和宗旨

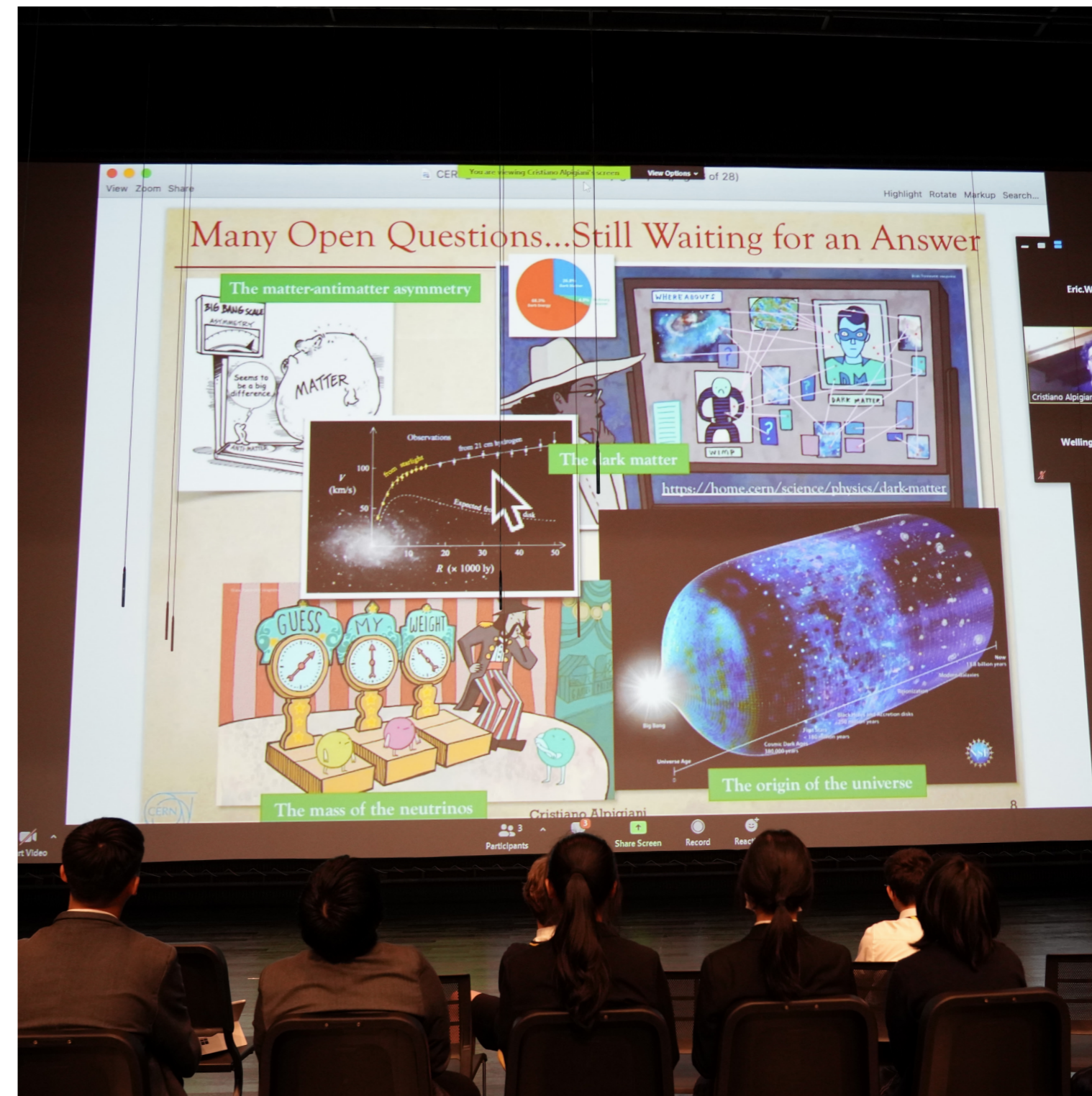
The aims and objectives of all science qualifications are to enable pupils to:

- Learn about unifying patterns and themes in science and use them in new and changing situations.
- Acquire knowledge and understanding of scientific facts, terminology, concepts, principles and practical techniques.
- Apply the principles and concepts of Science, including those related to the applications of science, to different contexts.
- Evaluate scientific information, making judgements on the basis of this information.
- Appreciate the practical nature of science, developing experimental and investigative skills based on correct and safe laboratory techniques.
- Analyse, interpret and evaluate data and experimental work and reporting scientific methods in science.
- Select, organise and present relevant information clearly and logically using appropriate vocabulary, definitions and conventions.
- Develop a logical approach to problem solving in a wider context.

IGCSE所有科学课程有着相同的目标和宗旨，同时设置多种不同的梯度可满足我校每位学生的个性化学习需求。除了基础科学课程外，其他梯度的科学课程均可充分调动每位学生，辅助学生在IGCSE考试中发挥最佳水平，顺利过渡到A-level和未来的学习中。

所有科学课程的目标和宗旨是让学生：

- 学习科学学科的统一规律和主题，并应用到崭新而不断变化的情况中。
- 学习并理解科学事实、术语、概念、基本原理和使用技巧。
- 在不同的场景中运用科学与与科学相关的基本原理和概念。
- 评估科学信息，并在此信息基础上做出判断。
- 理解科学的实用本质，能正确且安全地使用实验室设备，培养实验技能和研究技能。
- 分析、解释和评估科学数据、实验和报告方法。
- 用恰当的词汇、定义和规范表达清晰而有逻辑地选择、组织和呈现相关信息。
- 学习能在更广泛的场景中解决问题合乎逻辑的方式方法。



Triple Science: Biology, Chemistry and Physics 三科学——生物, 化学和物理

Introduction

课程介绍

The triple science course consists of individual IGCSE courses in biology, chemistry and physics. Essentially pupils will be covering a greater breadth and depth of science than if they followed the double award science route.

三科学含生物、化学和物理等三门独立的IGCSE课程, 课程内容比双科学课程更广泛、更深入。



Course and assessment 课程与考核

Examination board – Edexcel

考试局——英国爱德思国家职业学历与学术考试机构 (Edexcel)

Content

内容介绍

The triple science course consists of individual IGCSE courses in biology, chemistry and physics. Essentially pupils will be covering a greater breadth and depth of science than if they followed the double award science route.

The objectives of the course are for pupils to further appreciate and understand How Science Works. To develop pupils' understanding of higher-level biology, chemistry and physics, to develop pupils' questioning, analytical and evaluative approach to scientific problems and issues. To bridge the gap between IGCSE and GCE A-level science courses. This route through the IGCSE science course will enable pupils to attain 3 separate science IGCSEs.

Skills that will be developed will be the ability to plan investigations and to analyse, interpret and evaluate data; the ability to critically evaluate science in the news and to appreciate the processes that scientists go through in order to collect evidence and develop theories.

Skills developed fall into four main areas: knowledge and understanding (including science as an evidence based discipline, the collaborative nature of science, how scientific theories develop and the limitations of science), practical skills (planning, obtaining and presenting evidence, interpreting data, evaluating a method), working scientifically (data, evidence, theories and explanations, practical and enquiry skills, communication skills, applications and implications of science) and mathematical skills (applying mathematics).

The pupils will achieve 3 separate IGCSE qualifications – one in biology, one in chemistry and one for physics.

独立科学课程 (Triple Award) 包括三门独立的IGCSE生物课程、化学课程和物理课程, 课程内容比组合科学课程 (double award) 更广泛、更深入。

本课程旨在让学生进一步学习并理解科学的运作方式, 建立学生对更高阶生物、化学和物理知识的理解, 培养学生对科学问题的质疑、分析和评估的能力, 做好IGCSE和 A-level科学课程之间的过渡。学习IGCSE独立科学课程, 学生将获得3个单独的IGCSE科学成绩。

学生将学习如何制定研究计划, 分析、解释和评估数据, 批判性地评估新闻报道中的科学, 理解科学家收集证据和搭建理论的过程。

所学技能可分为四大类: 知识和理解 (科学是基于证据的学科, 科学的协作性、科学理论的发展和科学的局限性等等), 实用技能 (计划、获取并呈现证据, 阐释数据, 评估科学方法等), 应用科学 (数据、证据、理论和解释、实用探索技巧、沟通技能、科学的应用和其内在含义) 和数学能力 (应用数学)。

本课程中, 学生将获得3个独立的IGCSE成绩证书, 即生物、化学和物理成绩证书。

Introduction 课程介绍

Biology is the study of living organisms, divided into many specialised fields that cover their morphology, physiology, anatomy, behavior, origin, and distribution.

生物学是研究有机物的学科，可细分为多种专门领域，含形态学、生理学、解剖学，生物的行为、起源和分布等。

Content 内容介绍

The subject will cover core content of:

- The nature and variety of living organisms
- Structures and functions in living organisms
- Reproduction and inheritance
- Ecology and the environment
- Biology resources

本科目核心内容如下：

- 生物的本质和种类
- 生物的构成和功能
- 繁殖和遗传
- 生态和环境
- 生物资源

Examination 考试

Paper 1 is assessed by a 2 hour written examination which is worth 61.1% of the final mark.

Paper 2 is assessed by a 1 hour 15 minute written examination which is worth 38.9% of the final mark.

No practical coursework will be formally assessed.

Pupils will be tasked with answering a mixture of different question styles, including multiple choice questions, short answer questions, calculations and extended open response questions. A calculator may be used in the examinations.

卷1考试时长为2个小时，为书面考试。该卷成绩占总成绩的61.1%。

卷2考试时长为1小时15分钟，为书面考试。该卷成绩占总成绩的38.9%。

不对实际课程作业做正式考核。

考题有多种不同形式，如单项选择题、简答题、计算题和开放型试题。考试中可使用计算器。

Why Biology? 为什么选择生物？

We study biology to understand the natural world around us. It will help pupils to understand the physical makeup of their own body. Apart from the obvious benefits of knowing how your own body works, Biology also involves the study of non-human animals, helping us to understand that we are simply one species among millions.

学习生物是为了理解我们周边的世界。通过学习生物，学生不仅可以理解人类身体的物理组成，了解身体的运作方式，还能学习除人类之外的其他动物，认识到大千世界中上百万种的其他物种。



Introduction

课程介绍

Chemistry is the branch of science that deals with the identification of the substances of which matter is composed; the investigation of their properties and the ways in which they interact, combine, and change; and the use of these processes to form new substances.

化学是识别各类物质，调查物质组成成分和特质，物质交互、组合和变化的方式，以及利用这些方式组成新物质的一门科学。

Content

内容介绍

The subject will cover core content of:

- Principles of chemistry
- Inorganic chemistry
- Physical chemistry
- Organic chemistry

本科目核心内容如下：

- 化学基本原理
- 无机化学
- 物理化学
- 有机化学



Examination

考试

Paper 1 is assessed by a 2 hour written examination which is worth 61.1% of the final mark.

Paper 2 is assessed by a 1 hour 15 minute written examination which is worth 38.9% of the final mark.

No practical coursework will be formally assessed.

Pupils will be tasked with answering a mixture of different question styles, including multiple choice questions, short answer questions, calculations and extended open response questions. A calculator may be used in the examinations.

Why Chemistry?

为什么选择化学？

In a world with a growing population and diminishing resources, chemistry can only become more important as we seek to improve further our quality of life. Even for those who will not be directly involved in science, an educated citizen should be informed enough to understand scientific issues and debate. Any intellectually curious person is likely to have some interest in what matter is made of and why it behaves in the way it does.

卷1考试时长为2个小时，为书面考试。该卷成绩占总成绩的61.1%。

卷2考试时长为1小时15分钟，为书面考试。该卷成绩占总成绩的38.9%。

不对实际课程课程作业做正式考核。

考题有多种不同形式，如单项选择题、简答题、计算题和开放型试题。考试中可使用计算器。

当今世界人口数量持续上升，资源逐渐枯竭，因此，为了进一步提高人们的生活质量，化学的重要性日益剧增。即使是未来不直接参与科学工作的人，也应有相应的科学知识，能理解科学问题并进行探讨。每一个爱思考而有好奇心的人经常都会想要了解一个物体的构成，明白物体运作方式的缘由。

Introduction

课程介绍

Physics is the branch of science concerned with the nature and properties of matter and energy. The subject matter of physics, distinguished from that of chemistry and biology, includes mechanics, heat, light and other radiation, sound, electricity, magnetism, and the structure of atoms.

物理学是研究自然和物质状态与能量的一门科学，其研究对象不同于化学和生物学的研究对象，含力、热、光和其他辐射、声、电、磁和原子结构。

Content

内容介绍

The subject will cover core content of:

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

本科目核心内容如下:

- 力和运动
- 电
- 波
- 动力资源和能量转移
- 固体、液体和气体
- 磁和电磁
- 辐射和粒子
- 天体物理学

Examination

考试

Paper 1 is assessed by a 2 hour written examination which is worth 61.1% of the final mark.

Paper 2 is assessed by a 1 hour 15 minute written examination which is worth 38.9% of the final mark.

No practical coursework will be formally assessed.

Pupils will be tasked with answering a mixture of different question styles, including multiple choice questions, short answer questions, calculations and extended open response questions. A calculator may be used in the examinations.

卷1考试时长为2个小时，为书面考试。该卷成绩占总成绩的61.1%。

卷2考试时长为1小时15分钟，为书面考试。该卷成绩占总成绩的38.9%。

不对实际课程作业做正式考核。

考题有多种不同形式，如单项选择题、简答题、计算题和开放型试题。考试中可使用计算器。

Why Physics?

为什么选择物理？

Physics is the effort to define and understand natural laws. It is a demanding subject but rewards the effort put in. Not only is it an ideal subject for those curious about, for example, why the sky is blue or how their smartphones and tablets work, but it also trains the mind. In the habits of accuracy, logical and critical analysis, integrity and safety, it gives pupils an understanding of the power of the scientific method, and some ability in the universal language of science. The IGCSE course also requires pupils to address important work issues such as sustainable energy use.

物理是为了定义并理解自然规律而做出的探索。尽管物理学科难度较大，但能够给予我们所付出的努力相应的回报。物理不仅是那些好奇天空为什么是蓝色或智能手机和平板电脑是如何运作的人的理想科目，还能锻炼人的思想。物理培养人们精准的逻辑思考力，引导人们进行批判性分析，能让学生明白科学方法的力量，具备一定的科学语言能力。IGCSE物理课程还将要求学生思考如何解决可持续能源的使用等重要问题。

Science – Double Award 双科学

Introduction

课程介绍

The qualification is designed for pupils who may intend to progress to further scientific study at A Level and beyond. It contains up-to-date content reflecting the latest thinking in the subject. The science course consists of equally weighted units in Biology, Chemistry and Physics. The course encourages pupils to be inspired, motivated and challenged by following a broad, coherent and practical learning journey. The course gives pupils the opportunity to experience science within the context of their general education and prepare for more advanced courses in science and for other courses that require knowledge of science.

本课程面向有计划在A-level阶段及未来学习中继续学习科学的学生，含反映科学领域最新观点的内容。双科学课程包括生物、化学和物理三门科学学科，各学科所占比重均等。本课程通过广泛和连贯的实践学习，鼓舞和激励学生接受挑战，让学生有机会在通识教育中体验科学，为高阶的科学课程学习打好基础，也为其他要求科学知识储备的学科做好准备。

Course and assessment

课程和考核

Examination board – Edexcel

考试局——英国爱德思国家职业学历与学术考试机构 (Edexcel)

Content

内容

The qualification is designed for pupils who may intend to progress to further scientific study at A Level and beyond. It contains up-to-date content reflecting the latest thinking in the subject. The science course consists of equally weighted units in Biology, Chemistry and Physics. The course encourages pupils to be inspired, motivated and challenged by following a broad, coherent and practical learning journey. The course gives pupils the opportunity to experience science within the context of their general education and prepare for more advanced courses in science and for other courses that require knowledge of science.

Skills that are developed fall into four main areas: knowledge and understanding (including science as an evidence based discipline, the collaborative nature of science, how scientific theories develop and the limitations of science), practical skills (planning, obtaining and presenting evidence, interpreting data, evaluating a method), working scientifically (data, evidence, theories and explanations, practical and enquiry skills, communication skills, applications and implications of science) and mathematical skills.

The final mark is a combined percentage from all 3 scientific subjects to create a combined percentage. This culminates in a scientific IGCSE qualification equivalent to 2 IGCSEs, hence the name Double Award. No practical coursework will be formally assessed.

本课程面向计划在A-level阶段及未来学习中继续学习科学的学生，包括反映科学领域最新观点的内容。组合科学课程包括生物、化学和物理三门科学学科，所占比重均等。本课程通过广泛和连贯的实践学习，鼓舞和激励学生接受挑战，让学生有机会在通识教育中体验科学，为高阶的科学课程学习打好基础，也为其他需要有科学知识的学科做好准备。

所学技能可分为四大类：知识和理解（科学是基于证据的学科，科学的协作性、科学理论的发展和科学的局限性等等），实用技能（计划、获取并呈现证据，阐释数据，评估科学方法等），应用科学（数据、证据、理论和解释、实用探索技巧、沟通技能、科学的引用和其内在含义）和数学能力。

本课程最终成绩为对三门学科的成绩进行百分比转换后的综合成绩。学生会取得 2 个 IGCSE 成绩证书，因此被称为组合科学课程。不对实际平时作业做正式考核。



Paper 1: Biology 卷 1 生物	Paper 2: Chemistry 卷 2 化学	Paper 3: Physics 卷 3 物理
2-hour written examination 2 小时书面考试	2-hour written examination 2 小时书面考试	2-hour written examination 2 小时书面考试
The total number of marks is 110, 33.3% of the total International GCSE. 卷面成绩为 110 分， 占 IGCSE 总分的 33.3%。	The total number of marks is 110, 33.3% of the total International GCSE. 卷面成绩为 110 分， 占 IGCSE 总分的 33.3%。	The total number of marks is 110, 33.3% of the total International GCSE. 卷面成绩为 110 分， 占 IGCSE 总分的 33.3%。
<p>Content summary 考试内容：</p> <p>Topics covering core content areas:</p> <ol style="list-style-type: none"> 1. The nature and variety of living organisms 2. Structures and functions in living organisms 3. Reproduction and inheritance 4. Ecology and the environment 5. Use of biological resources <p>覆盖核心内容的话题领域：</p> <ol style="list-style-type: none"> 1. 生物的本质和种类 2. 生物的构成和功能 3. 繁殖和遗传 4. 生态和环境 5. 生物资源 	<p>Content summary 考试内容：</p> <p>Topics covering core content areas:</p> <ol style="list-style-type: none"> 1. Principles of chemistry 2. Inorganic chemistry 3. Physical chemistry 4. Organic chemistry <p>覆盖核心内容的话题领域：</p> <ol style="list-style-type: none"> 1. 化学基本原理 2. 无机化学 3. 物理化学 4. 有机化学 	<p>Content summary 考试内容：</p> <p>Topics covering core content areas:</p> <ol style="list-style-type: none"> 1. Forces and motion 2. Electricity 3. Waves 4. Energy resources and energy transfers 5. Solids, liquids and gases 6. Magnetism and electromagnetism 7. Radioactivity and particles 8. Astrophysics <p>覆盖核心内容的话题领域：</p> <ol style="list-style-type: none"> 1. 力和运动 2. 电 3. 波 4. 动力资源和能量转移 5. 固体、液体和气体 6. 磁和电磁 7. 辐射和粒子 8. 天体物理学

Science – Single Award 单科学

Introduction

课程介绍

This single science qualification includes a reduced amount of content when compared to the triple science and double award science qualifications. The content is designed for pupils who may have missed a significant amount of biology, chemistry and physics or double award material.

与独立科学以及组合科学课程相比，本课程内容较少，主要面向未掌握三门科学（生物、化学和物理）或双科学的大部分课程内容的学生。

Course and assessment

课程和考核

Examination board – Edexcel

考试局——英国爱德思国家职业学历与学术考试机构 (Edexcel)

Content

内容

This qualification includes a reduced amount of content when compared to the Triple Science and Double Award Science qualifications. The content is designed for pupils who may have missed a significant amount of Biology, Chemistry and Physics or Double Award material. Pupils will only take the Single Award if, following a discussion with parents, it is felt that the pupil involved may achieve a creditable grade that would not be gained when taking the more in-depth alternatives. This qualification is designed for pupils who are unlikely to progress to further scientific study at A Level, but still gain a solid overview of Biology, Chemistry and Physics. The qualification is still assessed to the same standard as the Triple Science and Double Award Science IGCSEs.

与独立科学以及组合科学课程相比，本课程内容较少，主要面向未掌握三门独立科学（生物、化学和物理）或组合科学的大部分课程内容的学生。学生只能在与家长讨论过后，认为其只能在基础科学课程学习中取得优秀成绩，且无法在其他更深入的科学课程学习中取得优异成绩时，选择本课程。本课程为在 A-level 阶段不再学习科学，但仍有基本的生物、化学和物理知识需求的学生开设。本课程考核遵循与 IGCSE 独立科学和组合科学课程相同的标准。

Paper 1: Biology 卷 1 生物	Paper 2: Chemistry 卷 2 化学	Paper 3: Physics 卷 3 物理
1-hour and 10 minutes written examination 1 小时 10 分钟书面考试	2-hour written examination 2小时书面考试	2-hour written examination 2小时书面考试
The total number of marks is 60, 33.3% of the total International GCSE. 卷面成绩为 60 分, 占 IGCSE 总分的 33.3%。	The total number of marks is 60, 33.3% of the total International GCSE. 卷面成绩为 60 分, 占 IGCSE 总分的 33.3%。	The total number of marks is 60, 33.3% of the total International GCSE. 卷面成绩为 60 分, 占 IGCSE 总分的 33.3%。
<p>Content summary 考试内容:</p> <p>Topics covering core content areas: 1.The nature and variety of living organisms 2. Structures and functions in living organisms 3. Reproduction and inheritance 4. Ecology and the environment 5. Use of biological resources</p> <p>覆盖核心内容的话题领域: 1.生物的本质和种类 2.生物的构成和功能 3.繁殖和遗传 4.生态和环境 5.生物资源</p>	<p>Content summary 考试内容:</p> <p>Topics covering core content areas: 1. Principles of chemistry 2. Inorganic chemistry 3. Physical chemistry 4. Organic chemistry</p> <p>覆盖核心内容的话题领域: 1.化学基本原理 2.无机化学 3.物理化学 4.有机化学</p>	<p>Content summary 考试内容:</p> <p>Topics covering core content areas: 1. Forces and motion 2. Electricity 3. Waves 4. Energy resources and energy transfers 5. Solids, liquids and gases 6. Magnetism and electromagnetism 7. Radioactivity and particles 8. Astrophysics</p> <p>覆盖核心内容的话题领域: 1.力和运动 2.电 3.波 4.动力资源和能量转移 5.固体、液体和气体 6.磁和电磁 7.辐射和粒子 8.天体物理学</p>

No practical coursework will be formally assessed.

不对实际课程作业做正式考核。



Chinese – (Chinese as a first language) 中文 (第一语言)

Introduction 课程介绍

The combination of knowledge and skills in Cambridge IGCSE First Language Chinese gives learners a solid foundation for further study. Learning this subject, pupils will have good understanding, enjoying and appreciating Chinese language. Improving critical thinking ability through wide reading; developing skills of critical evaluation, analysis, synthesis; deepen understanding and appreciation of Chinese culture and classical texts.

IGCSE中文 (第一语言) 课程将知识和技能相结合, 为学生进一步学习打下坚实的基础。学习该门课程能够帮助学生理解、热爱、鉴赏中文; 通过广泛的阅读培养批判阅读的能力; 培养批判、分析、综合推理的技能; 加深对中国文化和文言文的理解力和鉴赏水平。

Content 内容

The Cambridge IGCSE first language Chinese syllabus is designed for learners whose first language is Chinese. The syllabus develops learners' ability to communicate clearly, accurately and effectively. The pupils will learn how to employ a wide-ranging vocabulary, use correct grammar, spelling and punctuation, and develop a personal style and an awareness of the audience being addressed.

The Chinese texts will cover a range of genres and types, including fiction and non-fiction, essays, reviews and articles.

Learners are also encouraged to read widely, both for their own enjoyment and in order to develop an appreciation of how writers achieve their effects.

Course and assessment 课程与考核

Examination Board – CAIE

考试局——剑桥大学国际考试局 (CAIE)

剑桥IGCSE中文 (第一语言) 课程面向第一语言为中文的学生开设。本课程旨在培养学生使用中文清晰、准确和有效交流的能力。学生将学习如何使用丰富的词汇, 正确书写汉字, 正确使用语法和标点符号, 建立个人写作风格, 树立读者意识。

中文课程所涉及的文本将囊括多种文体和类型, 包括小说和非小说, 论文, 评论和文章等。

本课程鼓励学生进行广泛阅读, 在阅读中找到乐趣, 鉴赏作者实现写作效果的方式。

Examination 考试

Paper 1 is assessed by a 2 hour 15 minute examination which is worth 50% of the final mark. Pupils will answer structured and extended writing questions on the content of reading, directed writing and classical Chinese.

Paper 2 is assessed by a 2 hour examination which is worth 50% of the final mark. Pupils will answer questions based on Chinese writings.

卷1考试时长为2小时15分钟, 学生将回答有关阅读文本、命题作文和古代汉语的结构化和拓展性写作问题。该卷成绩占总成绩的50%。

卷2考试时长为2小时, 学生须回答中文写作的相关问题。该卷成绩占总成绩的50%。

Entry requirements 基准要求

There are no entry requirements, but the course has been designed for pupils who are able to write Chinese to near a native speaker standard.

本课程不设基准要求, 但课程内容是依据中文写作水平接近母语水平的学生而设置的。



Chinese – (Chinese as a second language) 中文 (第二语言)

Introduction

课程介绍

Cambridge IGCSE (Chinese as a Secondary Language) is a two-year course, offering pupils the opportunity to develop practical communication skills in listening, speaking, reading and writing.

Cambridge IGCSE Chinese as a Secondary Language will enable learners to become independent users of Chinese and to use Chinese effectively in a variety of practical contexts (non-fiction).

剑桥IGCSE (中文第二语言) 是一门培养学生听、说、读、写等方面实践沟通技能的两年制课程。

本课程将培养学生独立应用中文的能力和在多种实践场景中有效运用中文的能力。

Course and assessment

课程与考核

Examination Board – CAIE

考试局——剑桥大学国际考试局 (CAIE)

Content

内容

Listening: 20% of total score, in Component 3

- Understand factual information and ideas from a range of sources, such as a recorded phone message, news or weather report, travel broadcast, interview, dialogue, memoir or telephone conversation

- Identify relevant information and select correct details from a range of sources

Speaking 20% of total score, in Paper 2

- Communicate factual information, ideas and arguments

- Use a range of appropriate vocabulary and grammatical structure using suitable pronunciation and intonation

Reading 30% of total score, in Paper 1

- Understand public notices and signs (including timetables and advertisements)

- Identify and select correct details from simple texts

- Select and organise relevant information from a range of texts that are likely to be within the experience of young people and reflecting the interests of people from varied cultural backgrounds, such as blogs, brochures, emails, forms, imaginative writing, letters, magazines, newspapers and webpages

Writing 30% of total score, in Paper 1c

- Communicate factual information, ideas and arguments in short and extended writing tasks in appropriate and accurate Chinese.

- Respond to a written stimulus and use appropriate register and style/format for the given purpose and audience, such as an informal letter/email, an article, a report or view.

- Use a range of grammatical structures, punctuation and vocabulary.

听力：第三部分，占总成绩的20%

- 理解电话录音、新闻、天气预报、旅行广播、采访、对话、备忘录或电话对话等一系列资料来源中的事实信息和观点
- 识别一系列资料来源中的相关信息并筛选正确细节

口语：卷二，占总成绩的20%

- 交流事实信息、思想和论点
- 使用一系列适当的词汇和语法结构，发音、语调恰当

阅读：卷一，占总成绩30%

- 理解公共通知和标识（含时间表和广告）
- 识别并筛选简单文本中的正确细节
- 从博客、资料册、电子邮件、表格、想象文、新建、杂志、新闻和网页等一系列可能出现在年轻人生活范围中、反映多种文化背景人士兴趣的文本中筛选并组织相关信息

写作：卷一，占总成绩30%

- 用恰当正确的中文开展旨在沟通事实信息、想法和论点的短文或拓展文写作。
- 根据写作指示，使用恰当的语域、风格或格式完成面向特定观众的目标文本，如非正式信函或邮件、报道、报告或评价等。
- 使用一系列语法结构、标点符号和词汇。

Examination 考试

All candidates take 3 components.

The reading passages and questions are printed in both traditional and simplified characters on the question papers. Candidates may write their answers in either traditional or simplified characters.

The speaking test is assessing in Mandarin Chinese only.

学生须参加三部分考试。

答题卷上的阅读篇章和问题均以中文简体字和繁体字呈现。考生可选用简体字或繁体字作答。

口语考试以普通话开展。

Entry requirements 基准要求

Chinese as a Second Language is for heritage pupils or non-heritage pupils who have been living in a Mandarin speaking community for a long time. These pupils are able to carry out communication tasks that are age appropriate but may not be fully functional in their literacy skills in Mandarin. There are no formal entry requirements, however, the Chinese Department will give guidance as to the suitability of this course.

中文（第二语言）课程面向长期生活在普通话社群中的华裔或非华裔学生。学生能开展适龄的沟通任务，但尚未能完全掌握普通话读写技能。本课程不设置基准要求，但中文教研组对本课程的适用性给予指导。

All candidates take: 所有考生须参加：	and: 和：
Paper1 卷一	Paper2 卷二
2hours 2小时	Approx. 35–45 minutes 约35–45分钟
Reading and Writing 阅读与写作	Listening 听力
60% 占比60%	20% 占比20%
Written examination consisting of five exercises that test a range of reading and writing skills. 书面试卷有五题，考察阅读与写作技能	Written examination consisting of four exercise that test listening skills. 书面试卷有四题，考察听力技能。
Types of task include: information transfer, short-answer questions, multiple-matching, functional writing and extended writing. 题目包括信息传递、简答题、匹配题、应用文写作和拓展写作。	Candidates listen to recording or short and longer spoken texts. 考生须听录音或短篇和长篇口语文本。
Externally assessed 外部考核	Types of task include: short-answer questions, gap-fill sentences, information corrections and multiple-choice questions. 题目包括简答题、完形填空、改错题、选择题。
	Externally assessed 外部考核
and: 以及：	
Component 3 第三部分	
Approx.10–13 minutes 约10–13分钟	
Speaking 口语	
20% 占比20%	
60 marks 60分	
The speaking test consists of three parts: candidate give a two- to three-minute presentation, followed by a short discussion with the examiner about the presentation, followed by a short conversation with the examiner about general topics. 口语考试含三部分：考生进行2–3分钟陈述，随后针对陈述内容与考官开展简短讨论，最后与考官就综合话题开展简短对话。	
Internally assessed and externally moderated 内部评估，外部审核	

Chinese – (Chinese as a foreign language) 中文 (外语)

Introduction

课程介绍

Cambridge IGCSE (Chinese as a Foreign Language) is a two-year course, offering pupils the opportunity to develop the language proficiency required to communicate effectively in Mandarin Chinese, offer insights into the culture and society of countries and communities where Chinese is spoken.

The Cambridge IGCSE course aims to form a sound base of the skills, language and attitudes required for progression to work or future study, either in Chinese or another subject area.

剑桥IGCSE中文（外语）课程是一门培养学生熟练使用普通话开展有效沟通、对中文国家和社群的文化与社会有所见解的两年制课程。

本课程旨在培养学生为未来的中文或其他课程领域的学习夯实语言技能与知识，树立学生良好的学习态度。

Course and assessment

课程与考核

Examination Board – CAIE

考试局——剑桥大学国际考试局（CAIE）

Content

内容

The subject content is organised in five broad topic areas (A-E below)

A. Everyday activities

B. Personal and social life

C. The world around us

D. The world of work

E. The international world

Candidates will be expected to read and understand a variety of written and spoken texts on familiar topics.

Candidates will be required to demonstrate understanding for the main ideas, opinions and attitudes, as well as select and extract relevant details and deduce the meaning of occasional unknown words from context.

Candidates will also have opportunities to write in Chinese on familiar, everyday topics, and to speak the language by taking part in everyday conversations.

本学科内容含五大主题领域（下述A-E）：

- A. 日常活动
- B. 个人和社会生活
- C. 我们周边的世界
- D. 职场生活
- E. 国际社会

学生须阅读并理解熟悉的主题下的多种书面和口语文本。

学生应具备理解大意、观点和态度的能力，筛选和提炼相关细节的能力，以及根据语境猜测部分生词含义的能力。

学生有机会就熟悉的日常话题展开写作，用中文开展日常对话。

Examination:

考试

All candidates will take 3 components.

The reading passages and questions are printed in both traditional and simplified characters on the question papers. Candidates may write their answers in either traditional or simplified characters.

学生须参加三部分考试。

答卷上的阅读篇章和问题均以中文简体字和繁体字呈现。考生可选用简体字或繁体字作答。

Entry requirements:

基准要求

Chinese as a Foreign Language is for non-native/non-heritage pupils. The course places a greater emphasis on listening, speaking and reading skills, while pupils will also be required to write approximately two/three hundred Chinese characters from memory. There are no formal entry requirements, however, the Chinese Department will give guidance as to the suitability of this course.

中文（外语）课程面向中文非母语的学生或非华裔学生。本课程重点培养学生的听、说、读、写技能，学生将凭记忆完成两百至三百字的文章。本课程不设置基准要求，但中文教研组将对本课程的适用性给予指导。

<p>All candidates take: 所有考生须参加:</p>	<p>and: 和:</p>
<p>Paper 1 – Listening 卷一: 听力</p> <p>Approximately 40 minutes 约40分钟</p> <p>25% 占比25%</p> <p>Candidates listen to a number of recordings and answer multiple-choice and matching questions. 考生听数个录音, 回答选择题和匹配题。</p> <p>Externally assessed 外部考核</p>	<p>Paper 2 – Reading 卷二: 阅读</p> <p>1 hour 15 minutes 1小时15分钟</p> <p>25% 占比25%</p> <p>Candidates read a number of texts and answer multiple-choice and matching questions as well as questions requiring short answers. 考生阅读数段文本, 回答选择题、匹配题和简答题。</p> <p>Externally assessed 外部考核</p>
<p>and: 和:</p>	<p>and: 和:</p>
<p>Paper 3 – Speaking 卷三: 口语</p> <p>Approximately 10 minutes 约10分钟</p> <p>25% 占比25%</p> <p>Candidates complete one role play and conversation on two topics. 考生完成一段角色扮演任务和不同主题下的两场对话。</p> <p>Internally assessed and externally moderated 内部评估, 外部审核</p>	<p>Paper 3 – Speaking 卷四: 写作</p> <p>1 hour 15 minutes 1小时15分钟</p> <p>25% 占比25%</p> <p>Candidates complete one form-filling task, one directed writing task and one task in the format of an email/letter or article/blog. 考生完成一道填空题、一份话题作文和一项电子邮件或信函、文章或博客格式的任务。</p> <p>Externally assessed 外部考核</p>



Optional subjects detailed subject information 选修科目详情

Pupils need to choose subject/s from the option blocks. They can only choose one subject from each option block and cannot choose the same subject more than once. For example, if your child is on the red pathway and has three option choices then they could need to choose one subject from each block and they need to be different subjects. If your child is on the white pathway and has two option choices, then they will need to choose one option from two different option blocks and the subjects need to be different.

We advise you to read the information contained in this booklet to help guide you in making the right choices. Pupils may also want to have a conversation with their subject teachers as to the suitability of them selecting their subject.

We will endeavour to give the pupils the options that they want, however, we cannot guarantee this due to timetabling constraints.

请学生从下方表格中选择一门或多门选修科目。每列仅可选择一门，且各列选择不得重复。例如，如果学生的选课方案是有三门选修科目的红色方案，则学生可从每一列中选择一门不同的学科；如果学生的选课方案是有两门选修科目的白色方案，则学生可从不同的两列中选择两门不同的课程。

请仔细阅读本手册内容，以便做出合适的选修课决定。学生还可以与科目老师沟通，考量自己是否适合学习该门课程。

学校将努力为学生开展其计划修读的课程，但受课程时间安排的限制，我们无法保证完全实现这一点。



Below are the subjects available in each option block:

请查阅各栏选修课程：

Option Block 1 选修课1	Option Block 2 选修课2	Option Block 3 选修课3
Additional Mathematics 高阶数学	Business Studies 商务研究	Art & Design (Fine Art) 艺术与设计
Art & Design (Fine Art) 艺术与设计	Drama 戏剧	Art and Design (3D Design) 设计工艺 (艺术与设计: 三维设计)
Business Studies 商务研究	Economics 经济学	Economics 经济学
Art and Design (3D Design) 设计工艺 (艺术与设计: 三维设计)	Geography 地理	Geography 地理
Economics 经济学	Global Perspectives 全球视野	Global Perspectives 全球视野
History 历史	History 历史	Computer Science 计算机科学
Information & Communication Technology (ICT) 信息与通信技术	Physical Education 体育	Music 音乐
Spanish 西班牙语	French 法语	

The following pages will give you more information on the optional subjects to help you make an informed choice.

请仔细阅读以下内容，充分了解选修科目内容，进而做出恰当的选择。

Introduction

课程介绍

Additional maths IGCSE as a further study into mathematics and is available for the highest ability pupils. Some pupils will be selected by the maths department to complete the course alongside the core maths IGCSE (please refer to the pupil pathways). Other pupils wanting to sit additional maths will need to select it as an option and will be given advice from their teachers as to whether they are suitable candidates for this option.

IGCSE高阶数学课程是为数学能力突出的学生提供的深入学习数学的课程。数学组教师每年将挑选部分学生在学习IGCSE数学核心课程的同时，兼顾学习本课程（请参考“学生升学路径”）。其他有意愿参加高阶数学考试的学生须将该课程作为选修科目学习，老师也会给出该学生是否适合学习高阶数学课程的建议。

Course and assessment

课程与考核

Examination board – CAIE

考试局——剑桥大学国际考试局（CAIE）

Pupils who have not been selected to do additional maths IGCSE alongside the compulsory maths lessons have the option to select additional maths. This means that pupils will gain an extra three lessons of maths per week in order to sit the additional maths examination.

未入选在IGCSE核心数学课程外修读高阶数学的学生可选择高阶数学作为选修科目。选修该课程的学生每周须参加额外三节数学课，为参加高阶数学考试做准备。

Content

课程内容

Pupils will study functions, quadratic functions, equations, inequalities and graphs, indices and surds. Factors of polynomials, simultaneous equations, logarithmic and exponential functions, straight line graphs, circular measure, trigonometry, permutations and combinations, series, vectors in two dimensions as well as differentiation and integration.

课程内容包括学习函数、二次函数、方程、不等式和图形、指数和无理数、多项式、联立方程、对数和指数函数、直线图、弧度制、三角函数、排列与组合、级数、二维向量以及微分和积分。

Examination

考试

There will be two separate papers for this subject which will be sat on different days. Both paper 1 and paper 2 are assessed by a 2 hour examination with both being 50% of the final mark.

该课程考试为两份独立试卷，且考试日期不同。卷1和卷2考试时长均为2小时，各占总成绩的50%。

Entry requirements

基准要求

There are no formal entry requirements for this course. However, the math's teachers will give guidance on the suitability of a pupil taking this subject as an option.

本课程不设正式基准要求，但数学老师将对学生是否适合选修该课程作出指示。

Why Additional Mathematics?

为什么选择高阶数学？

Cambridge IGCSE additional mathematics supports learners in building competency, confidence and fluency in their use of techniques and mathematical understanding. This course helps pupils to develop a feel for quantity, patterns and relationships. Learners will develop their reasoning, problem-solving and analytical skills in a variety of contexts.

Cambridge IGCSE additional mathematics provides a strong foundation of mathematical knowledge both for candidates studying mathematics at a higher level and those who will require mathematics to support skills in other subjects. It is designed to stretch the most able pupils and provides a smooth transition to A Level mathematics.

剑桥IGCSE高阶数学课程旨在辅导学生自信自如地使用数学技能，发挥数学理解力，建立对数量、规律和关系的认知，培养其在多种情境中的论证、解题和分析的能力。

剑桥IGCSE高阶数学课程能够帮助希望进行更高阶数学知识学习以及需要更好的数学技能来支持其他科目学习的学生打好坚实的基础。本课程适合自身数学能力突出的学生，能够进一步发挥他们的数学潜能，使其更加顺利地过渡到A-level数学课程。

Art & Design 艺术与设计

Introduction

课程介绍

Art and Design equips pupils with the skills to enjoy, produce and engage with the visual arts throughout their lives, and it has immense value as an International GCSE subject.

艺术与设计培养学生在生活中欣赏、制作和使用视觉艺术的能力，是一门有巨大价值的IGCSE科目。

IGCSE艺术与设计能让学生亲自探索从古至今的艺术与设计。

International GCSE Art and Design provides the opportunity for pupils to explore both contemporary and historical sources of art and design first-hand.

Course and assessment

课程与考核

Examination board – Edexcel

考试局——英国爱德思国家职业学历与学术考试机构 (Edexcel)

Content 内容

The course is made up of 2 components. In component 1, the personal portfolio of work demonstrates the knowledge, understanding and skills used in fine art. This portfolio will be based on centre devised themes.

本课程分为2个部分。第1部分中，学生将通过个人作品集呈现其在艺术方面知识和理解，以及在纯美术作品中所掌握的技巧。该作品集须以一个核心设计主题为基础。

Component 2 is an externally-set assignment. Pupils must present personal responses to an externally-set, broad based thematic starting point, set by the exam board. Pupils will have a preparatory period in which they will explore and develop ideas for the assigned theme. The externally-set assignment will be completed during the timed supervised study, where pupils have sustained focus in exam conditions.

The objectives of the course are to develop creative and imaginative ability and the practical skills for engaging with and for communicating and expressing ideas, feelings and meanings in art, craft and design. To develop investigative, analytical, experimental and interpretive capabilities; aesthetic understanding and critical and enquiring minds, with increasing independence; cultural knowledge and understanding of art, craft, design and of the media and technologies used in different times, contexts and societies; and to develop personal attributes including self-confidence, resilience, perseverance, self-discipline and commitment.

The skills that will be developed will include recording experiences and observations and undertaking research and gathering, selecting and organising visual, tactile and sensory materials and other relevant information. Exploring relevant resources, analysing and evaluating images, objects and products, and making independent judgements as to their relevance in visual art.

Examination

考试

Component 2 – An externally-set assignment which is worth 50% of the final mark. Alongside the portfolio of work, pupils will also need to submit supporting evidence.

第2部分为外部命题的课程作业。学生必须依据考试局设定的主题完成一份个人作品。学生有一定的准备时间，可对指定主题进行探索和思考。此项外部命题的作业需在规定的时间内完成，同时会在严格的正规考试条件下进行，学生需保持自己的专注力。

本课程旨在培养学生的创造力和想象力，以及通过艺术、手工和设计进行沟通，并表达想法、感受、意义的实用技巧。通过本课程，学生可以磨练研究、分析、试验和阐释的能力；培养审美意识，树立批判性和探索型的思维，不断提高独立能力；理解文化知识、艺术、手工和设计，以及不同时代、场景和社会中的媒体和技术；培养个人品质，如自信、坚韧、毅力、自律和执着。

本课程培养的技能包括对经历和观察的记录，进行相关调查，收集和整理视觉、触觉和感官资料以及其他相关信息。学生可以探索研究相关素材，分析和评估图像、物体和产品，并就其在视觉艺术中的相关性作出独立判断。

第2部分——外部命题的考试，占总成绩的50%。除作品集外，学生还须提交其他支持性证据。

Coursework 课程作业

Component 1 – A personal Portfolio in Art and Design which is worth 50% of final mark. Alongside the portfolio of work, pupils will also need to submit supporting evidence.

第1部分——个人作品集，占总成绩的50%。除作品集外，学生还须提交支持性证据。

Entry requirements

基准要求

There are no entry requirements for this IGCSE, however an interest in visual culture is encouraged.

本课程不设基准要求，但鼓励对视觉艺术感兴趣的学生选择。

Why Art & Design?

为什么选择艺术与设计？

Edexcel IGCSE Art & Design encourages a range of skills, stimulates aesthetic awareness, knowledge and critical understanding of art, and provides opportunities for pupils to develop a range of skills. Crucially, a personal and independent perspective is encouraged at all times.

爱德思 (Edexcel) 考试局的IGCSE艺术与设计课程旨在培养学生的一系列技能，启发审美意识，以及对艺术的批判性理解。本课程为学生提供了培养一系列技能的机会。最重要的是，本课程始终鼓励学生形成个人的独立观点。

The course is designed to accommodate a wide range of abilities, materials and resources, and allows the different skills of the teaching staff to be fully used. The course appeals to pupils who wish to explore practical work through a range of two- and/or three-dimensional processes and include new media and technologies in addition to traditional media and processes.

本课程内容包括了各种不同艺术技巧、材料以及资源，并且给予了教师充分发挥的空间，能够教授部分高难度的技巧。本课程适合除了传统媒介和艺术加工形式之外，还希望了解各种不同的平面以及立体艺术加工形式，包括新媒体和技术的学生。

The syllabus helps equip pupils with lifelong skills including:

本课程可培养学生具备以下终身技能：

- Confidence and enthusiasm as they develop technical skills in two- and/or three-dimensional form and composition.
- The ability to identify and solve problems in visual and tactile forms.
- The ability to develop ideas from initial attempts to outcomes.

- 自信和热情，因为学生可以通过在二维或三维形式和组成中发展技术能力。
- 识别并解决视觉和触觉形式问题的能力。
- 将想法从最初的概念转换成最终结果的能力。

IGCSE Art and Design provides a wide range of exciting and stimulating opportunities to explore personal creative interests.

IGCSE艺术与设计课程提供多种激动人心且富有启发意义的机会来发展个人的创作兴趣。



Introduction

课程介绍

The IGCSE 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. Pupils 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.

IGCSE商务研究课程将培养学生对公共和私有领域商业活动的理解，了解创新与变革的重要性。学生将学习商业组织的构建、融资和运营的主要方式及其管理方法，学习影响商业决策的各项因素、合作与相互依存的重要性。学生不仅将学习商业概念与技能，还将提升读写能力和探索精神等相关技能。本课程将为学生奠定学习剑桥A Level课程的基础，让学生做好迎接职场生活的准备。

Course and assessment

课程与考核

Examination Board – CAIE

考试局——剑桥大学国际考试局 (CAIE)

Content

内容

Understanding business activity: This section introduces the underlying ideas and concepts of business and includes the purpose and nature of business activity and how businesses can be classified. Enterprise and entrepreneurs, and why some businesses grow while others remain small are further important issues. How business size can be measured, types of business organisation, business objectives and stakeholder objectives are the concluding topics.

People in business: The focus is the functional area of human resources and includes the importance and methods of motivating a workforce. How businesses are organised and managed and the methods of recruitment, selection and training of employees are also considered. Finally, the section covers the importance and methods of effective internal and external communication.

Marketing: This section includes the role of marketing, the distinctions between niche and mass markets and the techniques of market segmentation. The methods and importance of market research are covered. The central role of the marketing mix, i.e. the four Ps, is made clear. Marketing strategies to influence consumer decisions at home and in new foreign markets are the final topics in this section.

Operations management: The focus is the functional area of production and includes the meaning and methods of production and how productivity can be increased. The different costs of production and break-even analysis are covered. The section concludes with the importance and methods of achieving quality in the production process and location decisions of businesses.

Financial information and decisions: This finance and accounting section covers the need for and sources of business finance, cash-flow forecasting and working capital. Simple income statements are covered as well as statements of financial position and the analysis of accounts including why and how accounts are used.

External influences on business activity: This section focuses on different external influences on business activity and how these impact on a business. It includes government influences on economic, environmental and ethical issues and how they impact on the functional areas of businesses. In addition, the international economy including globalisation and its effects on businesses and governments, multinational businesses and exchange rates are important issues.

理解商务活动: 介绍商务基本思想和理念，学习商务活动的宗旨和本质、商务分类方法，进一步学习企业与企业家的区别，分析企业壮大与裹足不前的原因，最后学习衡量企业大小的方式、企业组织的类型、企业宗旨和利益相关人士的目标等。

商务人士: 以人力资源的功能性、动员员工的方法和重要性为学习重点，学习企业组织管理方式和招聘方式、挑选和培训员工的方式，最后学习实现有效内外沟通的方法和重要性。

市场营销: 学习市场营销的作用、利基市场和大众市场的区别、市场细分的技术、市场调研的方法与重要性，明确市场营销组合，即4P营销理论的重要作用，最后学习影响国内外新市场消费者决策的营销策略。

运营管理: 以生产职能领域、生产的意义和方法、提高生产力的方式方法为学习重点，学习不同的生产成本和盈亏平衡分析，最后学习保障生产线质量的重要性的方法，以及企业的选址决策。

财务信息和决定: 财会学习包括企业融资的需求和来源，现金流预测和周转资金，学习简单的收益表、财务状况表和账目分析（账目使用原因和方法）。

影响企业活动的外部影响: 重点学习影响企业活动的外部因素及其影响方式，包括政府对经济、环境和道德问题的影响和对企业职能领域的影响方式，以及全球化等国际经济因素，及其对企业与政府、跨国企业和汇率的影响。

Examination

考试

Paper 1 is assessed by a 1 hour 30 minutes examination which is worth 50% of the final mark. Pupils are tasked with answering four questions made up of short answers and structured data responses.

Paper 2 is assessed by a 1 hour 30 minutes case study examination which is worth 50% of the final mark. Pupils will be given four questions based upon the case study, which is provided as an insert in the paper.

卷1考试时长为1小时30分钟，占总成绩50%。考试内容为四道简答题，考生须以简短回答和结构化数据作答。

卷2考试时长为1小时30分钟，考试内容为案例分析，占总成绩50%。考生须根据卷面给出的案例，回答四道相关问题。

Entry requirements

基准要求

There are no formal entry requirements for this course. A knowledge of current affairs and the ability to think critically would be a distinct advantage.

本课程不设基准要求。了解时事并具备批判性思维的学生将占据明显优势。

Why Business studies?

为什么选择商务研究？

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.

Our pupils 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 course gives a balance of knowledge and understanding to help develop the skills learners need for their next steps in education or employment.

剑桥IGCSE商务研究课程被大学和用人单位视为理解各类型企业的商务概念和技能的佐证。

该课程学生将：

- 理解不同类型的企业组织、企业运作环境，以及企业职能，如市场营销、运作和财务等。
- 欣赏企业成功中人所发挥的作用。

学生还将获得许多终身技能，如：

- 计算商业数据并给出阐释。
- 有理有据地佐证观点的沟通技巧。
- 分析商务情形、做出决定或判断的能力。

通过学习本课程，学生不仅能掌握到充沛的学科知识，还能培养起未来职场所需的相关技能。

Design & Technology (DT)

设计与工艺

Introduction

课程介绍

Design and technology is a practical and valuable subject. It enables children and young people to actively contribute to the creativity, culture, wealth and well-being of themselves, their community and their nation. It teaches how to take risks and so become more resourceful, innovative, enterprising and capable.

设计工艺是一门富有价值的实践类学科，有助于培养学生的创造力、文化理解力、自我认知和幸福感，引导学生勇于探索，成长为足智多谋、富有创意、勇敢而有能力的人才。

Course and assessment

课程与考核

Examination board – CAIE

考试局——剑桥大学国际考试局（CAIE）

Content

内容

During the course, pupils will learn how to explore the needs, wants and opportunities in the context of designing for a real client. They will further develop flexible and independent thinking skills and draw upon a wide range of information sources.

在本课程中，学生将学习如何为一个真实的客户进行产品设计，挖掘客户需求 and 目标以及产品制作的可能性，进一步发展灵活的独立思考技能，以及充分利用丰富的信息资源的能力。

Pupils will learn how to present, modify and transform ideas using the iterative design model as they solve hands on design problems, making judgements on material selection, manufacturing processes and form and function. This is called the core knowledge.

学生将学习如何通过迭代设计模型来展示、修改和转换想法概念，同时解决实际过程中出现的设计问题，比如选择制作材料，制作方式、形式和功能。上述这些都是核心知识内容。

The pupils will put their core knowledge into action, producing a working prototype of a product via a major project and also prepare for the end of year examination.

学生需把自己所掌握的核心知识付诸实践，在大型项目中制作可运作的产品模型，为学年末的考试做准备。

Examination

考试

Paper 1 is assessed by a 1 hour 15 minutes examination which is worth 25% of the final mark. Pupils will answer questions based on the content of product design.

卷1考试时长为1小时15分钟，学生须回答基于产品设计内容的问题。该卷成绩占总成绩的25%。

Paper 3 is assessed by a 1 hour examination which is worth 25% of the final mark. Pupils will answer questions based on the content of resistant materials.

卷3考试时长为1小时，学生须回答基于抗源材料的问题。该卷成绩占总成绩的25%。

Coursework

课程作业

The coursework (Component 2) is worth 50% of the final mark. Pupils will submit a school-based project that is internally assessed and externally moderated.

课程作业（第2部分）占总成绩的50%。学生须完成一个校本项目，由内部审核后外部进行外部复审，确认最终成绩。

Entry requirements

基准要求

There are no entry requirements to undertake this IGCSE, however due to the intensity of the course and the volume of coursework involved, good drawing and presentational skills, plus a keen interest in mathematics and science is highly recommended as there are calculations and application of scientific information included within the final examination.

本课程不设基准要求。但考虑到本课程的强度和课程作业量，要求学生有良好的绘画技能和展示技巧；同时，因最终考试中会涉及数学计算和科学知识的应用，所以要求学生对数学和科学有浓厚的兴趣。

Why Design & Technology? 为什么选择设计与工艺?

In the first instance, any pupil interested in studying Design and Technology should be encouraged to participate. Those interested in subjects such as advertising, marketing business or social sciences should also consider the course. Finally, anyone with an interest in the products around us, the clothes that we wear, the transport we use or the activities which we do, would learn a great deal about how design shapes the way that we live our lives.

Design and Technology also gives pupils the opportunity to develop their creativity, their presentation and collaborative skills and learn a broad range of practical skills. The facilities at the college are excellent and pupils will experience traditional and modern manufacturing techniques including 3D printers and laser cutting machines.

首先，任何对设计工艺感兴趣的学生均应学习本课程。其次，对广告、市场营销和社会研究等感兴趣的学生也应考虑学习本课程。最后，任何对我们周围的产品、所穿的衣服、使用的交通工具，以及进行的活动感兴趣的学生都可通过本课程学习设计是如何塑造和改变人们的生活方式的。

本课程也给了学生发挥创造力，体现展示和协作能力的机会，同时让其能够掌握一系列的实用技能。我校提供一流的设施设备，能让学生体验传统和现代的制作工艺，如3D打印机和激光切割机等。



Drama

戏剧

Introduction

课程介绍

Our approach in Cambridge IGCSE Drama encourages pupils to be:

Confident - developing practical skills to deliver dramatic performance for an audience.

Responsible - developing shared responsibility working with others and understanding the power of drama to engage, influence and persuade.

Reflective - engaging with performance processes and using them to inform future practice.

Innovative - creating original dramatic work and formulating imaginative responses to existing repertoire.

Engaged - developing their enjoyment of drama to support their practical, intellectual and artistic growth.

剑桥IGCSE戏剧课程的教学方式将培养学生具备以下品质：

自信——为观众呈上戏剧表演的实际技能

有责任心——培养与他人合作时的责任心，了解戏剧的吸引力、感染力和说服力

反思——参与戏剧表演过程，在未来的表演中做出改进

富有创造力——进行原创戏剧作品创作，用想象力对现有作品给出回应。

积极参与——培养学生对戏剧的热爱，助力其智力和艺术方面的发展

Course and assessment

课程与考核

Examination Board - CAIE

考试局——剑桥大学国际考试局（CAIE）

Content

内容

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

Skills will be developed through three assessable objectives, which together form the core of this IGCSE.

AO1 Knowledge and understanding of repertoire

Learners will demonstrate their knowledge and understanding of the process of moving from script to performance, and can justify artistic choices as actor, director or designer.

AO2 Devising original drama

Learners will demonstrate their ability to devise and evaluate their own original pieces of drama.

AO3 Performance skills

Learners will demonstrate their performance skills and their ability to communicate effectively with an audience.

Examination - written

考试——书面考试

Component 1 is assessed by a 2 hour 30 minutes examination which is worth 40% of the final mark. Pupils will be tasked with answering structured and extended writing answers to questions that encompasses the whole content of the course.

在戏剧实践和理论学习中，学生将逐渐培养起对戏剧的理解和热爱，锻炼团队合作的能力和个人技能，学习向观众传递思想和情感的方法，探索文本和其他刺激因子的多种表演可能，自行设计戏剧材料，锻炼表演技能。学生的表演展示将成为本课程考试的一部分。

本课程将通过IGCSE戏剧课程的三项核心评估目标（AO）来培养学生。

AO1 剧目知识和理解

学生应了解并理解从剧本到表演的过程，能正确理解演员、导演或设计师的做出的艺术选择。

AO2 设计原创戏剧

学生应体现出设计并评估自我原创戏剧作品的的能力。

AO3 表演技巧

学生应体现出表演技巧和与观众开展有效沟通的能力。

第1部分考试时长为2小时30分钟，试题涵盖课程全部内容，要求学生回答结构化拓展写作。该卷成绩占总成绩的40%。

Coursework

课程作业

Component 2 is assessed through practical assessment which is worth 60% of the final mark. Pupils are to submit three pieces of practical coursework; an individual performance based on an extract from a play, a group performance based on an extract from a play and a group performance based on an original devised piece.

第2部分考核为实践考核，占总成绩的60%。学生需提交三份实践课程作业，分别为已有戏剧的个人表演、已有戏剧的小组表演和原创戏剧的小组表演。

Entry requirements

基准要求

There are no entry requirements for this IGCSE, however, an interest in the performing arts is essential. Pupils also need strong English communication skills (spoken and written).

本课程不设基准要求，但鼓励对表演艺术感兴趣的学生选择。学生应具备很强的英语书面和口头沟通技能。

Why Drama?

为什么选择戏剧?

Cambridge IGCSE Drama provides opportunities for learners to develop practical skills in performance, both as an individual and within a group. Pupils will understand the artistic choices made by actors, directors and designers in presenting performances for an audience. They will also learn about theatrical styles and genres. Pupils will explore how to develop their own ideas in creating original drama.

Our approach in Cambridge IGCSE Drama encourages pupils to be:

Confident - developing practical skills to deliver dramatic performance for an audience.

Responsible - developing shared responsibility working with others and understanding the power of drama to engage, influence and persuade.

Reflective - engaging with performance processes and using them to inform future practice.

Innovative - creating original dramatic work and formulating imaginative responses to existing repertoire.

Engaged - developing their enjoyment of drama to support their practical, intellectual and artistic growth.

剑桥IGCSE戏剧课程将培养学生个人以及在小组中的实际表演技能。学生将通过此课程了解演员、导演以及设计人员在为观众展现表演时所做出的艺术选择，学习不同的戏剧风格以及体裁。此外，学生还将发挥自我想法，创造原创戏剧。

剑桥IGCSE戏剧课程的教学方式将培养学生具备以下品质：

自信——为观众呈上戏剧表演的实际技能

有责任心——培养与他人合作时的责任心，了解戏剧吸引他人，影响他人和劝说他人的力量

反思——参加戏剧表演过程，加以反省，在未来的表演中做出改进

创造力——进行原创戏剧作品创作，用想象力对现有作品做出应答。

积极参与——培养学生对戏剧的热爱，助力其智力和艺术方面的发展



Introduction

课程介绍

Economics develops an understanding of economic theory, terminology and principles. Pupils study the economics of different countries and how these interrelate. They also learn to work with simple economics data and to use the tools of economic analysis. This enables them to apply understanding of economics to current economic issues. IGCSE Economics provides a foundation for further study, including AS & A Level Economics, or the equivalent.

经济学课程培养学生对经济学理论、术语和原理的理解。学生将学习不同国家的经济体及其互相影响的方式，处理简单的经济学数据，应用经济学分析的工具，培养学生使用经济学知识理解当今经济问题的能力。IGCSE经济学课程能为未来AS & A Level经济学或相应课程的学习奠定良好基础。

Course and assessment

课程与考核

Examination Board - CAIE

考试局——剑桥大学国际考试局 (CAIE)

Content

内容

The basic economic problem: The first section of the syllabus introduces the fundamental ideas and concepts that underpin the study of economics including the basic economic problem, factors of production, opportunity cost and production possibility curves.

基础经济学问题：课程大纲第一部分介绍经济学研究中至关重要的基本观点和概念，如基本经济学知识、生产要素、机会成本和生产可能性曲线。

资源分配：在市场经济中，资源分配的基本原则是价格机制。该部分的核心内容是市场的供求力量、市场的均衡与非均衡以及市场弹性等。

The allocation of resources: The fundamental principles of resource allocation are considered through the price mechanism in a market economy. The market forces of demand and supply, market equilibrium and disequilibrium and elasticity form the core of this section.

Microeconomic decision makers: The microeconomy is an important area of study, and the approach to learning taken here is through the role of the major decision makers: banks, households, workers, trade unions and firms.

Government and the macroeconomy: Governments have different macroeconomic aims, and conflicts often arise between the choice of measures used to achieve them. Variables must be measured to consider the causes and consequences of change, and appropriate policies applied.

Economic development: As an economy develops there will be changes in population, living standards, poverty and income redistribution. Therefore, the effects of changes in the size and structure of population and of other influences on development in a variety of countries are explored.

International trade and globalisation: The importance of trade between countries and the growth of globalisation is explored. Principles such as specialisation, the role of free trade, the role of multinational companies, foreign exchange rates and balance of payments stability are considered.

微观经济决策制定者：微观经济学是经济学领域的重要部分，学生将通过了解银行、家庭、工人、工会和公司等主要决策制定者在这一过程中所扮演的角色来学习该部分内容。

政府和宏观经济：各国政府为实现其多样化的宏观经济目标往往采用各种不同的策略方法，在此过程中时常会发生争议和冲突。因此，必须对各种变量进行计算，考虑所有变化的起因和其带来的影响，最终确定恰当的政策。

经济发展：随着经济的发展，人口数量、生活水平、贫困问题和收入再分配情况会出现变化。因此，该部分课程内容将探讨人口数量和结构以及其他因素对不同国家经济发展的影响。

国际贸易和全球化——该部分将探讨国际贸易的重要性和全球化的发展，研究专精化等基本原理、自由贸易以及跨国公司所扮演的角色、外汇以及收支平衡的稳定性。

Examination

考试

Paper 1 is assessed by a 45 minute examination which is worth 30% of the final mark. Pupils are tasked with answering 30 multiple choice questions.

卷1考试时长为45分钟，共30道多项选择题。该卷成绩占总成绩的30%。

Paper 2 is assessed by a 2 hour 15 minute examination which is worth 70% of the final mark. Pupils will answer one compulsory question and three questions from a choice of four.

卷2考试时长为2小时15分钟，包括1道必答题和4道选答题（选答3道）。该卷成绩占总成绩的70%。

Entry requirements

基准要求

There are no formal entry requirements for this course. A knowledge of current affairs and the ability to think critically would be a distinct advantage.

本课程不设基准要求。熟悉时事且具备批判性思维的学生在这门科目的学习上将占据优势。

Why Economics?

为什么选择经济学？

The nature of the subject and the approach to learning demands the development of critical thinking, decision making and problem-solving skills. All of these are relevant regardless of career choices made at a later stage. Pupils will be required to work both independently and collaboratively during the course. They will learn to discuss and analyse current affairs and the implications for various stakeholders, as well as the use of theories and concept learned in class to support their views.

经济学的本质及学习的方法将培养学生的批判性思维、做决定的能力以及解决问题的技能。不论未来的职业规划如何，这些能力都不可或缺。本课程要求学生既能独立完成任务，也能与他人协作完成任务。学生将对时事和不同利益相关者的影响因素进行讨论和分析，并使用所学理论和概念支撑自己的观点。



Introduction 课程介绍

As well as being a working language, French is an official language of the United Nations, the European Union, UNESCO, NATO, the International Olympic Committee, the International Red Cross and international courts. Learning French opens up career opportunities, enriches your travel experiences, unlocks educational resources, and lays the foundation for learning other Romance languages. French is also an analytical language that structures thoughts and develops critical thinking.

The French IGCSE Course is designed for pupils who have had experience in studying the language in order to enhance their future education or employment prospects and will help to foster listening, reading, conversational and written French skills.

法语是一门工作语言，也是联合国、欧盟、联合国教科文组织、北约、国际奥委会、国际红十字会和国际法庭的官方语言。法语学习可以开辟职业机会、丰富旅行体验，解锁多种教育资源，为未来罗曼语族语言的学习夯实基础。法语是一门分析型语言，有助于思维的构建和批判性思维的发展。

IGCSE法语课程面向有法语学习基础的学生，有利于学生的未来学习与职场前景，将帮助学生培养良好的法语听、说、读、写技能。

Course and assessment 课程与考核

Examination Board - CAIE

考试局——剑桥大学国际考试局 (CAIE)

Content 内容

The subject content is organised in five broad topic areas. These provide contexts for the acquisition of vocabulary and the study of grammar and structures. The study of these topic areas enables pupils to gain an insight into countries and communities where French is spoken. The five topic areas listed are:

Everyday activities

- Personal and social life

- The world around us

- The world of work

- The international world

The syllabus gives pupils opportunities to develop and apply a wide range of foreign language skills.

Pupils will be expected to read and understand a variety of written and spoken texts on familiar topics. Pupils will be required to demonstrate understanding of the main ideas, opinions and attitudes, as well as select and extract relevant details and deduce the meaning of occasional unknown words from context.

They will also have opportunities to write in French on familiar, everyday topics, and to speak the language by taking part in everyday conversations.

本课程含五大主题，囊括词汇习得和语法与句法学习。学习各大主题时，学生将深化对法语国家和社群的见解。五大主题为：

- 日常活动
- 个人和社会生活
- 我们周边的世界
- 职场生活
- 国际社会

本课程大纲赋予学生培养并运用多项外语技能的机会。

学生须阅读并理解熟悉的主题下的多种书面和口语文本，具备理解大意、观点和态度的能力，筛选和提炼相关细节的能力，以及根据语境猜测部分生词含义的能力。

学生将有机会就熟悉的日常话题展开写作，用法语开展日常对话。

Examination

考试

Paper 1 is assessed by a 45 minute examination which is worth 25% of the final mark. Pupils will listen to a number of recordings and answer multiple choice and matching questions.

Paper 2 is assessed by a 1 hour examination which is worth 25% of the final mark. Pupils will read a number of texts and answer multiple choice and matching questions as well as questions requiring short answers.

Paper 4 is assessed by a 1 hour examination which is worth 25% of the final mark. Pupils complete one form-filling task, one directed writing task and one task in the format of an email/letter or article/blog.

卷一考试时长为45分钟，占总成绩的25%。考生听数个录音，回答选择题和匹配题。

卷二考试时长为1小时，占总成绩的25%。考生阅读数段文本，回答选择题、匹配题和简答题。

卷四考试时长为1小时，占总成绩的25%。考生完成一道填空题、一份话题作文和一项电子邮件或信函、文章或博客格式的任务。

Coursework

课程作业

Paper 3 is assessed by a 10 minutes speaking examination which is worth 25% of the final mark. Pupils complete one role play and conversations on two topics.

卷三为口语考试，考试时长为10分钟，占总成绩的25%。考生完成一段角色扮演任务和不同主题下的两场对话。

Entry Requirements

基准要求

There are no entry requirements and the course has been designed for learners who have previously studied French at Key Stage 3 and show a passion for languages.

本课程不设基准要求。课程面向在关键阶段三有法语学习基础且对法语有学习兴趣的学生。

Why French?

为什么选择法语?

Cambridge IGCSE French develops a set of transferable skills for understanding and communicating in everyday situations in French. Pupils begin to develop cultural awareness of countries and communities where French is spoken. They acquire the essential linguistic skills required for progression to further studies or employment.

Our approach in Cambridge IGCSE French encourages pupils to be:

Confident - using new and familiar structures and vocabulary to communicate with others in everyday situations.

Responsible - seeking opportunities to use and develop their language skills.

Reflective - considering how to communicate different ideas and attitudes.

Innovative - applying language to a variety of situations.

Engaged - developing learning strategies which help them to express their ideas and their understanding of other cultures.

剑桥IGCSE法语课程培养学生理解法语日常场景并使用法语沟通的一系列可迁移技能。学生将建立起对法语国家和社群的文化理解，习得深造学习或进入职场所需的必备语言技能。

剑桥IGCSE法语课程鼓励学生成为：

满怀信心的人：使用陌生和熟悉的句子结构和词汇与他人开展日常沟通。

勇于担当的人：寻找使用并发展语言技能的机会。

勤于思考的人：思考不同观点和态度的表达方法。

敢于创新的人：将语言运用到多种场景中。

乐于学习的人：积累有助于表达自我观点、理解他人文化的学习策略。



Introduction

课程介绍

Pupils will be introduced to the three main themes of the course (Human, Physical and Environmental Geography) and begin their journey with Unit 1 Population. This unit includes changes to natural rates of growth as well as migration and settlement patterns. Theme 2, Physical Geography, is explored in the second half of the year. This theme looks at plate tectonics, weather and climate as well as river systems and coastal environments. In the second year pupils will cover the Environmental theme which includes energy, water, resources, tourism and how humans interact with the physical environment. Topographical mapping skills are presented and pupil focus moves to Geographical Investigations which analyses the theories discussed in the three previous themes.

地理课程中，学生将学习人文地理、自然地理和环境地理等三大内容。课程第一单元学习人口知识，了解人口增长的自然速率、人口迁移和定居模式。第二大学习主题为自然地理，将在本课程第一学年第二学期开展，主要内容为板块漂流学说、天气与气候、水系和海岸系统等。本课程第二学年的环境地理学习中，学生将研究能量、水、资源、旅游业、人与自然等内容。学生还将学习地貌绘制技巧，随后重点学习地理调查方法，分析前三个主题中学到的各项理论。

Course and assessment

课程与考核

Examination Board - CAIE

考试局——剑桥大学国际考试局 (CAIE)

Content

内容

The subject content is organised in three themes. They are designed to develop an understanding of natural and human environments. The three themes areas listed are:

- Population and settlement
- The natural environment
- Economic development

Cambridge IGCSE will give pupils an understanding of location on a local, regional and global scale. They will gain an awareness of the characteristics, distribution and processes affecting contrasting physical and human environments, whilst understanding the ways in which people interact with each other and with their environment.

Pupils will gain an appreciation for the environment, including its people, places, landscapes, natural processes and phenomena. They will gain awareness of the contrasting opportunities and constraints presented by the different environments.

Examination

考试

Pupils must sit two formal examination papers:

Paper 1 – Geographical themes. Is assessed by a 1 hour 45 minute examination which is worth 45% of the final mark. Pupils will answer three questions worth 25 marks each.

Paper 2 – Geographical skills. Is assessed by a 1 hour 30 minute examination which is worth 27.5% of the final mark.

本课程学习内容共含三大主题，旨在培养学生对自然环境和人文环境的理解。这三大主题为：

- 人口与定居
- 自然环境
- 经济环境

剑桥IGCSE地理课程旨在让学生从当地、区域和全球层面理解区位因素，了解影响对比鲜明的地理和人文环境的因素及其特点、分布与过程，学习人类互动的方式和与环境互动的方式。

通过本课程学习，学生将学会欣赏环境及环境中的人、地方、风景、自然变迁和现象等，了解迥异的环境带来的不同机会和限制。

学生须参加两场正式考试：

卷1：地理主题。考试时长为1小时45分钟，占总成绩的45%。考试内容为三道问答题，每题25分。

卷2：地理技能。考试时长为1小时30分钟，占总成绩的27.5%。

Examination

课程作业

Pupils must complete a coursework section. There are two options, one of which, will be chosen by the school. They are:

Component 3 – Coursework. Teachers set one centre-based assignment of up to 2000 words. This is worth 27.5% of the final mark.

Or paper 4 – Alternative to coursework. Candidates answer two compulsory questions completing a series of written tasks. This is worth 27.5% of the final mark.

学生须完成课程作业任务。课程作业有两类选择，一种是：

第3部分：课程作业。完成老师布置的2000字以下的中心作业。该部分成绩占总成绩的27.5%。

或卷4：课程作业替代内容。学生须回答两道必答题，完成一系列写作任务。该卷成绩占总成绩的27.5%。

Entry requirements

基准要求

There are no entry requirements and the course has been designed for learners who have previously studied geography Humanities lessons at Grade 7 and 8 are designed to prepare pupils for the skills needed at IGCSE.

本课程不设基准要求，面向此前已学过地理的学生开设。七、八年的人文学科旨在让学生为IGCSE考试做好准备。

Why Geography?

为什么选择地理？

Successful Geography candidates develop lifelong skills, including:

- An understanding of the processes which affect physical and human environments.
- An understanding of location on a local, regional and global scale.
- The ability to use and understand geographical data and information.
- An understanding of how communities around the world are affected and constrained by different environments.

The combination of knowledge and skills in Cambridge IGCSE geography gives pupils a solid foundation for further study. Candidates who achieve grades A* to C are well prepared to follow a wide range of courses including A level geography.

学好地理的学生将具备一系列终身技能，如：

- 理解影响自然环境和人文环境的各种过程。
- 从当地、区域和全球层面理解区位因素。
- 有能力应用并理解地理数据和信息。
- 理解不同的环境对世界各地人们的影响和限制。

剑桥IGCSE地理课程将赋予学生相应的知识和技能，能为学生的后续学习奠定坚实基础。在考试中取得A*至C的学生能顺利进入到一系列后续课程的学习，如A level地理课程。



Introduction

课程介绍

Pupils will start the course by completing skills development activities which they will need to be successful in this subject. Then, they will study the following topics: digital world, belief systems, humans and other species and sustainable living. This will be followed by the pupils completing an individual report on one of these topics. In the second year, pupils will complete a team project where they will need to work as a team to organise an active project. Later that year, pupils will prepare for a written examination which will assess their skills. They will prepare by practicing exam questions based on the prescribed topics.

本课程中，学生须完成技能发展活动，学习以下主题：数字世界、信仰系统、人类与其他物种、可持续生存等。各主题学习结束后，学生须完成一项个人报告。课程第二年，学生须完成一项团队项目，团队协作并组织一项积极的项目。随后，学生将练习所学主题相关的试题，备考课程最后的书面考试。

Course and assessment

课程与考核

Examination Board - CAIE

考试局——剑桥大学国际考试局（CAIE）

Content

内容

Young people face unprecedented challenges in an interconnected and information-heavy world, not least in how they will gain a sense of their own active place in the world and cope with changes that will impact on their life chances and life choices.

在当今这个联系日渐紧密，信息量爆炸的时代，年轻人面临着前所未有的挑战，尤其是在如何在当今世界中明确自己的地位，如何应对将影响其生活机遇和选择的变化等等。

Cambridge IGCSE Global Perspectives candidates will have opportunities to acquire and apply a range of skills to support them in these challenges, including:

- Researching, analysing and evaluating information.
- Developing and justifying a line of reasoning.
- Reflecting on processes and outcomes.
- Communicating information and reasoning.
- Collaborating to achieve a common outcome.

Pupils will explore stimulating topics that have global significance. They learn to collaborate with others from another culture, community or country. They assess information critically and explore lines of reasoning. They learn to direct their own learning and develop an independence of thought.

Cambridge IGCSE Global Perspectives emphasises the development and application of skills rather than the acquisition of knowledge. Pupils will develop transferable skills that will be useful for further study and for young people as active citizens of the future.

Examination

考试

Component 1 is assessed by a 1 hour 15 minute examination which is worth 35% of the final mark. Pupils will answer four compulsory questions based on a range of sources. The sources will present a global issue from a range of perspectives and will be drawn from a list of eight topics.

剑桥IGCSE全球视野课程可使学生获取应对这些挑战的技能，如：

- 调查、分析和评估信息
- 建立并证明论证方法
- 反思过程和结果
- 交流信息和论证
- 协作实现共同成果

本课程中，学生将探讨具有全球意义的启发性话题。学生可以与来自不同文化、社群和国家的人合作，用批判性思维核查信息，探索多种论点，引导自我学习，培养独立思维。

剑桥IGCSE全球视野课程重点关注技能培养和应用，而非知识学习。学生将通过本课程培养对未来学习有益的技能，成为未来的积极公民。

第1部分考试时长为1小时15分钟，学生须回答来自不同渠道所收集的4道必答题。这些题目是从8个话题中筛选出的，将以多种不同观点讨论全球性问题。该部分成绩占总成绩的35%。

Coursework

课程作业

Component 2 is assessed by an Individual Report which is worth 30% of the final mark. Pupils research one topic area of local, national or global significance and submit a report based on their research. The title is devised by the pupils themselves. The report must be 1500-2000 words and written in continuous prose.

Component 3 is assessed by a Team Project which is worth 35% of the final mark. Pupils devise and develop a collaborative project into an aspect of one topic. The Team Project comprises of two elements.

Element 1 – Team Element

Pupils will produce as a team one 'outcome' and one 'explanation' as a collaboration. The explanation must be 200-300 words in length.

Element 2 – Personal Element

Pupils will each write a reflective paper on their research, contribution and personal learning. The paper must be 750-1000 words in length.

第2部分为个人报告考核。学生须选择一个研究主题，调查其在周边、全国以及全球的影响和意义，提交一份调查报告。报告题目由学生自行确定，字数为1500-2000字，必须是一篇连贯的报告。该部分成绩占总成绩的30%。

卷3为团队项目考核。学生须对某一话题的一个方面设计并开发一个合作项目。该部分成绩占总成绩的35%。项目考核包括2个要素：

要素1——团队元素

学生将确定一个通过团队协作而得出的“结论”以及“原因”，并通过200-300字对“原因”进行说明。

要素2——个人元素

每位学生须写一份针对此团队项目、自身所做出的贡献和在此过程中个人成长的反思性报告。报告字数要求为750-1000字。

Entry requirements

基准要求

There are no entry requirements for this IGCSE, however an interest in critical thinking and reasoning is encouraged.

本课程不设基准要求，但鼓励对批判性思维和论证有兴趣的学生学习。

Why Global Perspectives?

为什么选择全球视野？

Cambridge IGCSE Global Perspectives provides opportunities for enquiry into, and reflection on, key global issues from different perspectives: personal, local/national and global.

Cambridge IGCSE Global Perspectives encourages awareness of global problems and offers a range of opportunities to explore solutions through cooperation and collaboration. The course is not about getting everybody to think identically; rather it is a matter of opening minds to the complexity of the world and of human thought and encouraging empathy for the diversity of human experience and feeling.

在剑桥IGCSE全球视野课程中，学生有机会通过个人、区域/国家和全球等不同视角去探究、反思重点的全球问题。

剑桥IGCSE全球视野课程培养学生对全球问题的认知，并通过合作和协作的方式，探究解决方案。本课程不是为了让每位学生以完全相同的方式进行思考，而是让学生开阔思维，了解世界和人类思想的复杂性，培养学生对人类生活和情感多样性的同理心。



Introduction

课程介绍

Pupils will cover the turbulent period of European history between 1919-39. They will learn about the revolutions, economic depression, international disputes, dictatorships, and in the end a second world war. Then, pupils will study how the superpowers to emerge from WW2 became enemies, how they clashed and tried to influence the affairs of other countries. In the second year pupils will follow the Germany, 1918-45 depth study. They will cover how the Weimar Republic was created, how the Nazi party was born, how the Nazi party imposed their will on the German people and how their rule affected specific groups of people.

本课程中，学生将学习1919–39年的欧洲历史动荡期，学习革命、经济萧条、国际争端、独裁专政和第二次世界大战等知识，进而学习二战中崛起的超级强国互相仇视、对抗和企图影响他国事务的情况。本课程第二年，学生将深入研究1918–45年的德国历史，了解魏玛共和国的创建、纳粹党的诞生及其对德国民众的控制，以及其统治对特定人群的影响。

Course and assessment

课程与考核

Examination Board - CAIE

考试局——剑桥大学国际考试局 (CAIE)

Content

内容

Cambridge IGCSE History offers the opportunity to study world history from the nineteenth century to the beginning of the twenty-first century. It encourages learners to raise questions and to develop and deploy historical skills, knowledge and understanding in order to provide historical explanations. Learners will explore history from a diversity of perspectives, including social, economical, cultural and political, and are given the opportunity to:

- Develop an interest in and enthusiasm for learning about and understanding the past.
- Explore historical concepts such as cause and consequence, change and continuity, and similarity and difference.
- Appreciate historical evidence and how to use it.
- Gain a greater understanding of international issues and inter-relationships.
- Learn how to present clear, logical arguments.

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

As a truly international course, IGCSE History promotes international understanding and is an excellent foundation to progress to A Level, particularly the subjects where essay writing is required.

剑桥IGCSE历史课程的内容覆盖十九世纪至二十一世纪初的历史。本课程鼓励学生提出历史问题，学习历史知识，培养历史学科技能，提高对历史事件的理解力，并以历史的眼光分析事件。学生将从社会、经济、文化和政治等多种角度探索历史，并将：

- 培养学习并理解过去的兴趣和热情。
- 研究起因和结果，变化与延续，相同点和不同点等历史学概念。
- 学习历史证据并加以运用。
- 进一步了解国际问题和国家间关系。
- 学习明确而有逻辑地提出论据的方法。

通过我校历史课程，学生将积累详实的历史知识，全面了解一些历史事件，培养后续学习或就业所需的技能。

IGCSE历史课程是名副其实的国际课程，旨在促进学生对世界的理解，为A-level阶段的学习，尤其是对写作能力有要求的课程的学习，奠定坚实基础。

Examination

考试

Paper 1 is assessed by a 2 hour examination which is worth 40% of the final mark. Pupils answer two questions from the core content (see above) and one question from Germany 1918 – 1945. All questions are in the form of structured essays, split into three parts.

Paper 2 is assessed by a 2 hour examination which is worth 33% of the final mark. Pupils answer six questions on one prescribed topic from the core content. Pupils will be given a range of source material to analyse and evaluate.

Paper 4 is assessed by a 1 hour examination which is worth 27% of the final mark. Pupils will answer one question in essay form.

卷1考试时长为2小时，试题为2道关于核心内容（见以上）的问题和1道有关1918年–1945年德国历史的问题。所有问题形式均为结构化简答题，分为三大部分，该卷成绩占总成绩的40%。

卷2考试时长为2小时，试卷会围绕核心课程内容中的一个主题，制定6道问题。学生需对给出的文本资料进行分析和评估。该卷成绩占总成绩的33%。

卷4考试时长为1小时，要求学生回答1道论述题。该卷成绩占总成绩的27%。

Entry requirements

基准要求

There are no formal entry requirements, however, the highest grades in History are obtained by those pupils with strong literacy skills. Humanities lessons at Key Stage 3 are designed to prepare pupils for the skills needed at IGCSE.

本课程不设基准要求。但是要在历史课程取得最高分，学生必须具备优秀的读写能力。六至八年级人文学科课程所学内容将为IGCSE历史课程奠定良好的基础。

Why History?

为什么选择历史？

Although History does not focus on a particular set of jobs, the skills gained in digesting information and forming a coherent analysis of a particular situation are widely applicable across many industries. History is a highly valued qualification by universities and employers. Accordingly, the assessment for this course does not focus on the depth of a pupil's knowledge of the events covered, but on the deployment of that knowledge in formulating coherent arguments.

虽然历史学科不直接对口特定的工作岗位，但在历史学习中，学生能够不断接收信息，进而连贯地分析一个特定情况，这一能力在很多行业都广泛适用。很多大学和用人单位都高度重视历史学习的能力。本课程的考核重点不是学生对所学历史事件的了解程度，而是通过运用这些知识来构建连贯的论证体系。



ICT – Information and Communication Technology

ICT——信息和通信技术

Introduction

课程介绍

ICT within the global market has significant importance not only to commerce, business, and industry in the present but also in the future with emerging technologies. Therefore, such an emphasis is put on learning ICT, with lots of career opportunities this presents and its coherent link with other core subjects. Key skills developed in ICT including analytical skills which enables us to master skills such as reasoning, problem solving and creativity in almost every lesson. These key skills are vital in everyday life in providing newer, better, and quicker ways for people to interact, network, seek help, gain access to information, and learn. Besides its presence everywhere, Information and Communication Technology has an immense economic significance.

纵观全球，信息通信技术对当今的商业、企业和工业，以及新兴科技的未来有着重大影响。因此，本课程的学习尤其重要。本课程不仅能开启众多择业机会，还与核心科目学习紧密相关。学生将在本课程学习中锻炼分析技能，充分发挥论证能力、解决问题的能力 and 创造力。这类技能是日常生活中的必需，为人们提供互动、社交、寻求帮助、获取信息和学习的更新、更好、更快的方式方法。信息通信技术随处可见，有着巨大的经济影响力。

Course and assessment

课程与考核

Exam Board - Edexcel

考试局——剑桥大学国际考试局 (CAIE)

Content

内容

The IGCSE course in Information and Communication Technology (ICT) offers and encourages pupils to explore how digital technology impacts on the lives of individuals, organisations and society. There is ample opportunity for them to learn about current and emerging digital technologies and the issues raised by their use in a range of contexts by individuals and organisations.

Pupils will develop awareness of the risks that are inherent in using ICT and the features of safe, secure and responsible practice. Further to this they will broaden and enhance their ICT skills and capability. Also, their ICT skills will be enhanced as they will be working with a range of digital tools and techniques to produce effective ICT solutions in a range of contexts.

Finally, pupils will learn how to reflect critically on their own and others' use of ICT and how to adopt safe, secure and responsible practice.

通过本课程的学习，学生可以研究电子技术对个人、组织和社会生活的影响，学习当前或新兴的电子技术，了解个人或组织在使用电子技术时遇到的问题。

本课程将培养学生树立应对信息通信技术所带来的风险的意识，学习安全、可靠和负责任的信息通信技术使用方法。在此基础上，提高学生相应的信息通信技术技能和能力，学习使用多种数字工具和技术的使用，并在多种场景下制定有效的信息通信技术解决方案。

最终，学生将对自己和他人使用信息通讯技术的方式做出反思，并思考如何采取安全、可靠和负责任的措施。

The ICT Edexcel IGCSE is a course that is examined through two papers.

ICT Edexcel IGCSE

信息通信技术 (Edexcel考试局) 考试分为两份试卷。

Examination

考试

Paper 1 is assessed by a 2 hour examination which is worth 40% of the final mark. Pupils will be asked theoretical questions based on the whole content of the course.

卷1考试时长为2小时，试题为基于课程全部内容的理论题。该卷成绩占总成绩的40%。

Paper 2 is assessed by a 2 hour 30 minute examination which is worth 30% of the final mark. Pupils will be tested to demonstrate their practical skills of ICT through document production, data manipulation and presentations.

卷2考试时长为2小时30分钟，考核学生的ICT实用技能，如文件制作、数据处理和演示等。该卷成绩占总成绩的30%。

Paper 3 is assessed by a 2 hour 30 minute examination which is worth 30% of the final mark. Pupils will be tested to demonstrate their practical skills of ICT through data analysis and website authoring.

卷3考试时长为2小时30分钟，考核学生的ICT实用技能，如数据分析和网页制作。该卷成绩占总成绩的30%。

Entry requirements

基准要求

There are no formal entry requirements for this IGCSE however, pupils beginning this course are expected to have shown an aptitude for ICT during their lessons previously.

本课程不设基准要求，但是学生应在此前的课程中表现出一定的ICT能力。

Why ICT? 为什么选择ICT?

Cambridge IGCSE ICT encourages pupils to develop lifelong skills in understanding and using software applications. By analysing, designing, implementing, testing and then evaluating, pupils can gain a level of mastery towards systems and their purpose. Pupils will also gain the understanding of the implications of technology in society, including social, economic and ethical uses.

剑桥IGCSE信息与通信技术课程致力于培养学生理解并使用软件应用程序的终身技能。通过分析、设计、实施、测试以及评估，学生可在一定程度上熟练掌握所学系统，达成自身目标。同时，学生还将理解技术在社会中的意义，如社会、经济和道德方面的应用。



Introduction 课程介绍

Music is a subject that gives pupils the opportunity to embrace culture from a huge spectrum of times and places. By studying music at GCSE, pupils will develop performance skills on an instrument of their choice, helping them to become more expressive whilst increasing their technical ability. They will learn to analyse well known music from a variety of genres and use these skills practically in the creation of their own compositions.

音乐跨越时空，给予学生拥抱多种文化的机会。学生可通过GCSE音乐课程培养乐器演奏的技能，在提高专业技能的同时更具表现力。学生将分析各种流派的著名音乐篇章，以此为借鉴，自行创作作品。

Course and assessment 课程与考核

Examination Board - Edexcel

考试局——英国爱德思国家职业学历与学术考试机构 (Edexcel)

Content 内容

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

本课程中，学生将聆听、表演并创作音乐，培养审美意识，促进精神发展，成为自律而富有创造力的人。学生可以提高对音乐的鉴赏能力，为未来的深造学习夯实基础，培养终身享受音乐的乐趣。

Pupils will study music of all styles; each style is placed in its historical and

cultural context, and learners are encouraged to be perceptive, sensitive and critical when listening. Although the majority of the syllabus examines Western European music, the music of other cultures is always represented.

学生将学习各种风格的音乐，其中每种风格的音乐都将被置于一定的历史文化背景下，学生将学会以敏锐的洞察力和批判的思维方式倾听欣赏音乐。本课程大纲中的大部分音乐为西欧音乐，同时结合其他文化中的音乐。

Examination 考试

Component 1 is assessed by a 1 hour 15 minute listening examination which is worth 40% of the final mark. Pupils will give short and extended writing answers based on selected recordings from the exam board.

第1部分考试时间为1小时15分钟，为听力考试。学生将依据考试局选定的音频，回答简短的拓展论述题。该部分成绩占总成绩的40%。

Coursework 课程作业

Component 2 is assessed by two prepared musical performances by the pupil which is worth 30% of the final mark. The first will be an individual solo performance and the second in an ensemble.

第2部分考试为学生准备的2场音乐表演，第1场为独奏，第2场为合奏。该部分成绩占总成绩的30%。

Component 3 is assessed by two contrasting compositions which is worth 30% of the final mark. Pupils will be tasked to compose to differing themes or genres using musical compositional techniques and variation.

第3部分考试要求学生完成2首有差异的曲子。学生须使用音乐作曲技巧和变化来体现不同主题或流派的创作。该部分成绩占总成绩的30%。

Both the performances and compositions will be marked internally and sent to the exam board for moderation.

表演和作曲都将由内部评分，并外送至考试局做复审。

Entry requirements

基准要求

Pupils should be able to play competently on a musical instrument (voice is included) and be able to read western musical notation to a reasonable standard. Pupils should be having regular lessons on their instrument. This course is unsuitable for beginner musicians.

要求学生有能力熟练弹奏一种乐器（包括声乐），并能遵循一定标准读懂西方乐谱。学生应定期上乐器课。本课程不适合音乐初学者。

Why Music?

为什么选择音乐？

Studying music at IGCSE will enable pupils to develop their own practical musical skills and knowledge, specifically through the activities of listening, performing and composing. The course will also help pupils become familiar with a vast range of musical styles and genres produced throughout history, both in western and non-western traditions.

在IGCSE音乐课程中，学生将通过聆听、表演和作曲等活动，提高实用音乐技巧，积累音乐知识。本课程中，学生将熟悉在西方和非西方音乐历史过程和环境中的丰富多样的音乐风格和流派。



Physical Education (PE)

体育

Course and assessment

课程介绍

IGCSE Physical Education provides pupils with a unique opportunity to combine their academic skills with their aptitude for sports and physical activity. Our course is split evenly between theoretical, classroom-based study, and practical PE with a focus on performance. IGCSE PE provides pupils with a fantastic opportunity to deepen their understanding and knowledge of sport, anatomy and physiology, health and fitness and psychology; leading to careers in sport and exercise science, physiotherapy, sports psychology, strength and conditioning, coaching, teaching, and many more.

This course will broaden your understanding of sport and exercise in terms of the human body during exercise, fitness and training principles, sports psychology, and how sport shapes the world around us.

IGCSE体育课程为学生提供将学术技能和运动特长与体育活动相结合的独特机会。本课程含比重均等的理论知识、课堂学习和体育实践三部分，课程侧重实际表现。IGCSE体育课程有助于深化学生对运动、解剖学和生理学、健康、健身与心理学的认知，开启在运动与运动科学、物理治疗、运动心理学、力量与调节、教练、教学等领域的众多职业选择。

本课程将拓展学生对运动中的人体的理解，强化对训练原则、运动心理学和运动塑造世界的认识。

Course and assessment

课程与考核

Examination Board - CAIE

考试局——剑桥大学国际考试局 (CAIE)

Content

内容

The syllabus provides candidates with an opportunity to study both the practical and theoretical aspects of physical education. It is also designed to foster enjoyment in physical activity. The knowledge gained should enable candidates to develop an understanding of effective and safe physical performance.

体育课程为学生提供学习体育理论、开展体育锻炼的机会，旨在提高学生对体育运动的热情。课程知识有助于学生培养起对安全有效的运动表现的认识。

Candidates will study all of the following topics:

- Anatomy and physiology
- Health, fitness and training
- Skill acquisition and psychology
- Social, cultural and ethical influences

Candidates will also undertake four different physical activities chosen from at least two of the seven categories. Physical activities make a significant contribution to syllabus aims and objectives, serving as a source of material to facilitate learning.

Examination

考试

Paper 1 is assessed by a 1 hour 45 minute examination which is worth 50% of the final mark. Pupils will be asked short and structured theoretical questions based on the whole content of the course.

课程主题如下：

- 解剖学和生理学
- 健康、健身和训练
- 技巧习得和心理学
- 社交、文化和道德因素

学生还须从七大类体育运动中挑选至少两类中的四项不同体育运动，并积极参与其中。体育运动可以极大地推动课程目标和宗旨的实现，有助于促进学业学习。

Coursework

课程作业

Component 2 is assessed by pupils undertaking four physical activities from at least two different categories. For example, a choice of sports could be:

swimming, badminton, basketball and athletics.

第2部分考核的是学生在至少两类体育运动中选择的四项体育运动的能力。例如，体育项目选择可以是：

游泳、羽毛球、篮球和田径。

Categories 类别	Physical activities 体育运动	
Games activities 运动项目	Association football 英式足球 Badminton 羽毛球 Baseball, Rounders or Softball 棒球、绕圈球或垒球 Basketball 篮球 Cricket 板球 Golf 高尔夫球 Handball 手球 Hockey 曲棍球	Lacrosse 袋棍球 Netball 篮网球 Rugby league or Rugby union 联盟式橄榄球或橄榄球 Squash 壁球 Table tennis 乒乓球 Tennis 网球 volleyball 排球
Gymnastics activities 体操活动	Artistic gymnastics (floor and vault) or Rhythmic gymnastics 竞技体操 (自由体操和鞍马) 或艺术体操	Individual figure skating 个人花样滑冰 Trampoline 蹦床
Dance activities 舞蹈活动	Dance 舞蹈	
Athletic activities 田径运动	Cross-country running 跨国跑 Cycling 单车 Rowing and sculling 双桨式划船	Track and field athletics 田赛和径赛 Weight training for fitness 健身式举重训练
Outdoor and adventurous activities 户外探险运动	Canoeing 划艇 Hill walking or Orienteering 登山走或定向越野 Horse riding 骑马 Mountain biking 山路骑行	Rock climbing 攀岩 Sailing 帆船 Skiing or Snowboarding 滑雪或单板滑雪 Windsurfing 滑浪风帆
Swimming 游泳	Competitive swimming 竞技游泳 Life saving or Personal survival 救生或生存	Water polo 水球
Combat activities 对抗类运动	Judo or Taekwondo 柔道或跆拳道	



Entry requirements

基准要求

There are no formal entry requirements for this IGSCE, however, pupils beginning this course are expected to have shown an aptitude for PE during their lessons previously.

本课程不设正式基准要求，但开启本课程的学生应在以往的体育课上展示出一定的体育能力。

Why PE?

为什么选择体育？

Physical Education encourages pupils to develop knowledge, skills and understanding of a range of relevant physical activities and an ability to plan, perform and evaluate physical activities. It will give them a good understanding of effective and safe performance in a range of environments. Pupils will develop an understanding of the role of sport and physical activity in society and in the wider world. Physical education will develop independent and team working skills, whilst encouraging a life long enjoyment of physical activity. This course will also be an excellent foundation for advanced study to A level physical education.

体育助力学生培养勇气和技能，有助于促进学生对相关体育活动的理解，培养学生规划、执行和评估体育活动的的能力。通过体育学习，学生能正确地了解如何在不同的环境中开展有效而安全的活动。体育还有助于培养学生的独立能力和团队合作能力，引导学生树立对体育运动的终身热爱。本课程也能为A level体育课程的学习打下坚实基础。



Useful contacts

重要信息

Having read this booklet we hope that you have a better insight into choosing your options. If, however, there are further questions you still feel you need answering, please contact us.

If you have further queries regarding the process, then please contact your child's Tutor or Grade Leader in the first instance.

希望您在阅读本手册后对选课内容有了更进一步的了解。如果您还有更多问题，请不吝与我们联系。

如您对选课流程有更多问题，请首先联系您孩子的导师或年级组长。

Roll 职责	Name 姓名	Contact Details 联系方式
Master 惠灵顿杭州校区校长	Kathryn Richardson	kathryn.richardson@wellingtoncollege.cn
Head of Senior 中学部校长	Stewart Brown	stewart.brown@wellingtoncollege.cn
Assistant Head of Senior 中学部副校长	Peter Hughes	peter.hughes@wellingtoncollege.cn
University advisor 升学指导老师	Terrance Zhou	terrance.zhou@wellingtoncollege.cn
Year 9 Tutor 九年级班级教师	Catherine Rakotondradano Yiming Liu	catherine.rakotondra@wellingtoncollege.cn Yiming.liu@wellingtoncollege.cn



Frequently asked questions 常见问题

This space is for you to note down any questions that you would like to ask the potential subject before selecting it as an option.

以下是关于选课的常见问答，供您参考。



Question 问题	Answer 回答
Does the IGCSE lead onto the IB as well? IGCSE课程能不能很好地过渡到IB课程学习?	Yes, the IGCSE is a curriculum pathway that leads into both A Level and IB. 能，IGCSE课程能很好地过渡到A Level课程和IB课程。
Which are the best subjects to choose? 选哪一门课最好呢?	The best subjects are those that your child is enjoying, passionate about and achieving well in. A balance of written exams and coursework is advisable for workload management. 最好的科目是您的孩子最喜欢、最热爱，也最能取得好成绩的科目。考虑到学习量，建议选课时实现书面考试和课程作业考核的平衡。
Am I at a disadvantage taking fewer IGCSEs? 如果我选的课少，是不是就处于劣势了?	No, it is better to do fewer IGCSEs and score higher grades, than more and score lower grades. IGCSEs are the gateway examinations to allow pupils to continue their higher education pathway to A Levels/IB. 不是。IGCSE考试中，选课少但成绩高的情况，要好于选课多但成绩低的情况。IGCSE是学生继续升学之路、参加A Levels/IB课程的通关考试。
Who marks the exams and when will I be informed of results? 是谁为考试评分？考试成绩什么时候公布？	All IGCSEs are marked externally and the school has no influence on those grades. This is to maintain the integrity of the examination. All IGCSE results are released in August. 所有IGCSE考试均由外部评分，学校无法影响考试成绩。这是为了保证考试的公平性。所有IGCSE考试成绩均于八月公布。
What textbooks should I buy? 我要买哪些教科书？	The subject teacher will give a list of textbooks/resources/revision guides that are useful for their learning. Speak to the teacher before purchasing any books to make sure they are suitable. 学科老师会给出教科书、资源或复习指导等清单供学生学习。请在购买此类书籍前与老师沟通，确保购买合适的书籍。
Are IGCSEs recognised by American universities? 美国的大学认可IGCSE成绩吗？	Yes! IGCSEs and A Levels are recognised by universities all over the world, including the USA. Hundreds of A Level pupils from the Wellington group have been offered places at US colleges, with many at Ivy League universities. 当然认可的！IGCSE和A Levels成绩在全球范围内都被广泛认可，美国自然也不例外。惠灵顿教育集团有数百名A Level课程学生进入美国的高校学习，其中不乏美国常青藤高校。
Do universities look at IGCSE results? 大学会参考IGCSE的成绩吗？	A Level predicted grades are the most important evidence for universities admissions. However, most universities will consider prior IGCSE results as further evidence of academic ability. A Level成绩是大学招生部门最注重的成绩。但是，大多数高校都会参考学生此前的IGCSE成绩，以此更全面地评估学生的学术能力。



Wellington College International Hangzhou

2399 Xuezhi Road, Xiaoshan District Hangzhou, 311231

浙江杭州惠灵顿外籍人员子女学校

杭州市萧山区学知路2399号