



# IGCSE OPTIONS

## PRISTINE PRIVATE SCHOOL

### AY 2023-2025



*Planning your Pathway to Excellence*

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While reading, consider the following points:

- Review the course descriptions carefully.
- Reflect on your strengths and teachers' feedback on subjects
- Choose the study pathway you are passionate about, and which broadens your career choices
- Research and discuss as a family

## FROM THE PRINCIPAL'S DESK

Established in 1992, Pristine Private School has been deeply committed to not only towards delivering quality education but ensuring that every child is equipped with the key skills required to succeed in the 21<sup>st</sup> century. Keeping in line with the school motto, Pristine Private School has been steadily moving onward and upward in its journey to consistently create Pathways of Excellence for its students.

The school has undertaken the responsibility of preparing your child for the Cambridge IGCSE Examination to be held in May/June 2025. Cambridge IGCSE is the world's most popular international qualification and is recognized by higher education institutions and employers around the world as evidence of academic achievement. It is an entry requirement for stepping into the Advanced level.

At Pristine, the IGCSE route has been well embedded in the school curriculum pathway with the first batch of students successfully completing the programme in 2008. Currently, at Key Stage 4 (Year 10 & 11), we offer a wide range of subject choices keeping in mind their specific needs. This forms the initial stage of preparing students for higher and further education and making them future ready by equipping them with skills of employability. We expect students to choose a balanced range of subjects and continue their journey through to Post 16.

After Post 16, a large majority of our students pursue their higher education and intended career pathway at various destinations around the world such as USA, UK, Canada, Australia, UAE and at universities back home in Pakistan, Philippines, Srilanka and India. Students are guided through academic and career counselling sessions throughout the year as well as sessions from external speakers to help them make informed choices. Please do visit our school website <https://www.pristineschool.com/alumni-placements/> to have a glimpse of the Pristine Alumni Map.

Pristine's vision of creating leaders of tomorrow is perennial and providing a range of qualifications to enhance students' learning experiences is a significant step towards the same.

*Shagufa Kidwai*

**Shagufa Kidwai**  
**Principal**



# LETTER TO PARENTS

Dear Parents,

Pristine Private School has undertaken the responsibility of preparing your child for the Cambridge IGCSE Examination to be held in May/June 2025. Cambridge IGCSE is the world's most popular international qualification and is recognized by higher education institutions and employers around the world as evidence of academic achievement. It is an entry requirement for stepping into the Advanced level.

We are pleased to inform you that the school is offering a wide range of subjects keeping in mind our students' specific needs. With the successful addition of the Business & Technology Education Council (BTEC) curriculum and Edexcel qualifications offered by Pearson to our offering of Cambridge IGCSE subject options in recent years, we continue to expand our curriculum choices on offer.

Year 9 marks the end of Key Stage 3, and students begin their journey to Key Stage 4, wherein subject choices become even more important to help them prepare for their IGCSE Examination at the end of Year 11. Decisions must be made in this stage regarding the most appropriate subject choices to be studied for students.

While making choices, guide your child to consider the following questions:

- What are my probable career choices?
- Which subjects interest me the most?
- Which subjects do I perform well in?
- What are the subjects that shall be required as a prerequisite for my future Advanced Level (AL) qualification?

This booklet will aid you in answering these questions. For any further clarification or guidance do not hesitate to contact the Academic and Career Guidance Counsellor, relevant subject leader, Deputy Head or Head of Phase.

Please take note that it is **mandatory** for all students to take the following compulsory subjects as prescribed by the **Ministry of Education, UAE to qualify for Ministry Equivalency**:

- Advanced Arabic for Arabs (School Assessed)
- Arabic for Non-Arabs (School Assessed – only in Year 10)
- Islamic Studies for Muslim students (School Assessed)  
*(All non-Muslim students will be provided with Value Education Subject)*
- Moral, Social and Cultural Studies for all students

In addition, interested students can select one of the following IGCSE subjects to register for Cambridge board exam at the end of Year 11: *(Please indicate your preference.)*

o IGCSE Arabic

OR

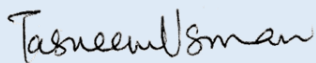
o IGCSE First Language Arabic

Please also note that ***Standalone BTEC qualifications may not qualify for equivalency with MOE.*** However, when studied alongside regular IGCSEs allows for progression to higher education.

**Kindly review the subject options given on the following page with your child and submit the IGCSE Options Form to the Admissions department.**

I look forward to your support and encouragement to your child in making an important decision for their next stage of education.

Sincerely,



Tasneem Usman  
Head of Secondary

# KS4 SUBJECT PATHWAYS

**Subject 1 – 5: Pathway Option (Please tick your preferred Pathway and one corresponding option for the 5<sup>th</sup> subject)**

<input type="checkbox"/> Pathway 1	<input type="checkbox"/> Pathway 2
1. Mathematics 2. Physics 3. Chemistry 4. Edexcel Commerce 5. <input type="checkbox"/> Biology <input type="checkbox"/> BTEC International Level 2 Business	1. Mathematics 2. Combined Sciences 3. Economics 4. Business Studies 5. <input type="checkbox"/> Accounting <input type="checkbox"/> Travel & Tourism

**Subject 6: English Language Option (Please tick one only)**

- ☐ First Language English
- ☐ English as a Second Language

**Subject 7: Technology Option (Please tick one only)**

- ☐ Information and Communication Technology (ICT)
- ☐ Computer Science
- ☐ BTEC International Level 2 Certificate in IT

**Subject 8: Optional Subject (Please tick one only)**

- ☐ Urdu as a Second Language
- ☐ French
- ☐ Art & Design
- ☐ English Literature
- ☐ Edexcel Psychology
- ☐ Environmental Management

## Selection Criteria:

Selection of students for the following subjects will be dependent on the evaluation of their performance in internal and external standardized assessments:

- First Language English
- Computer Science
- Science

*Confirmation of selection of optional subject is based on first cum first serve due to limited seat availability.*

***The decision of the management on the option selection shall be final and binding to all the applicants.***

## Acknowledgement Slip

I as a parent in consultation with my ward confirm the selected pathway option along with the selected subjects 6-8. I also acknowledge:

- My child will not be allowed to change the subject options except in the following circumstance:
  - If he/she expresses a desire to change the subject **within one month** from the start of the academic year 2023-24 and if there are seats available in the class for the alternative subject chosen by him/her.
- a subject will be offered only if the minimum number of students is attained (as decided by the school). Otherwise, my child will have to select another subject in the same block.
- My child will not be permitted to drop any opted subject during the academic years 2023-2025, as the IGCSE is a two-year course.

Name of Parent: ..... Name of Student: .....

Signature of Parent: ..... Signature of Student: .....

Tel. / Mobile No. .... E-mail ID. ....

## BTEC OFFERING

The BTEC programme provides alternative subject choices that allow students to be equipped with applied knowledge and practical skills paving the way to a career in the selected field. This qualification also adds value to students' portfolios preparing them for the next stage of Post 16 education, as the qualification is internationally recognized by universities world over. EDEXCEL qualifications combine world-class qualification standards with a forward-thinking approach and international content, offering learners access to future global opportunities.


With their focus on practical, skills-based learning, BTEC courses are designed around several themed units. Rather than testing everything together at the end of the course, BTECs give students the opportunity to show what they've learned in each unit and build on their achievements as they progress through the course. That means there are plenty of chances to learn, improve and succeed.

Once students are ready to put what they have learned into practice, BTEC tests - called "assessments" – are based around real-life work contexts and scenarios, and can include Assignments, set tasks, performances or written test are graded based on the following three parameters- Distinction, Merit and Pass.




# PLANNING THE STEP AHEAD

It's never too early to start thinking about what exciting opportunities your future may hold in store for you. Fill in the boxes in the activity below to start considering which pathways you may like to follow. You might be surprised at the range of careers that might be suited to you! Then why not do some research on one of the career options that interests you the most! If you have a couple of careers in mind, you will need to use multiple pathway maps.



Name: .....



**Subjects I enjoy at school:**

**Possible careers I can pursue with these subjects:**

**Personal qualities & characteristics:**

**Possible careers that will be in tune with my personality:**

**Things I enjoy doing in my free time:**

**Possible careers that help me fulfil my passion:**

**My Desired Career is.....**

CORE  
&  
ADDITIONAL  
SUBJECTS

# IGCSE FIRST LANGUAGE ENGLISH SUBJECT CODE: 0500



## Course Structure:

Cambridge IGCSE First Language English offers candidates the opportunity to respond with understanding to a rich array of reading texts during the course. Candidates will use these texts to inform and inspire their own writing and write in a range of text types for different purposes and audiences. Candidates will develop both their speaking and their listening skills, delivering a presentation, and responding to questions and engaging in conversations. Candidates are encouraged to become appreciative and critical readers, writers, speakers, and listeners.

## Assessment Summary:

**Paper 1** 2 hours  
Reading  
Weightage: 50% Marks: 80  
Structured and extended writing questions  
Questions will be based on three reading texts  
Externally assessed

**Paper 2** 2 hours  
Directed Writing and Composition  
Weightage: 50% Marks: 80  
Extended writing question and a composition task  
Externally assessed

## University Pathways and Careers:

Critical thinking. Creativity. Interpretation. Studying English prepares you for a diverse range of professional fields, including teaching, journalism, law, publishing, medicine, and the fine arts. English majors also pursue careers in tech companies and other start-up ventures--in Silicon Valley and beyond. Whether copywriters or social workers, entrepreneurs, or filmmakers, you can apply your skills to fields in every corner of the world.

Careers no longer follow the linear paths that they have for previous generations. The area of study you pursue in college provides you with a broad range of opportunities after graduation rather than training for one specific career path. The skills you have developed as an English major--including technical analysis and interpretation, critical and creative writing, and historical synthesis--prepare you for a range of possible careers.

## A close-up photograph of a hand holding a small globe. A white rectangular sign with the word 'ENGLISH' in bold, black, sans-serif capital letters is placed horizontally across the middle of the globe. The globe shows a map of the world with various colors representing land and water. The hand is visible on the left side, with fingers wrapped around the globe.

Careers no longer follow the linear paths that they have for previous generations. The area of study you pursue in college provides you with a broad range of opportunities after graduation rather than training for one specific career path. The skills you have developed as an English major--including technical analysis and interpretation, critical and creative writing, and historical synthesis--prepare you for a range of possible careers.

# IGCSE INFORMATION AND COMMUNICATION TECHNOLOGY

**SUBJECT CODE:  
0417**

Information and communication technology unlocks the value of time, allowing and enabling multi-tasking, multi-channels multi-this and multi-that.

— Li Ho-shing —

## Components of ICT

The term Information and communications technology (ICT) is generally accepted to mean all technologies that, combined, allow people and organizations to interact in the digital world.



## Course Structure:

The study of Cambridge IGCSE Information and Communication Technology provides learners with the ability to use a broad range of ICT skills and encourages knowledge and understanding of the development of ICT systems, networks, and their safe use. This course provides learners with the ability to understand the rapid change of ICT in a technology-based world and the impact ICT has on the world. Learners in a modern ICT based world need to have the ability to gather, process and manipulate data; this course helps learners to fulfil this.

## Assessment Summary:

All candidates take three papers. Candidates will be eligible for grades A\* to G.

**Paper I Theory** One hour 30 minutes 40% of the marks (80 marks)

(Compulsory Questions -sections 1-21 of the subject content)

**Paper II Document Production, Databases and Presentations**

Two hours and 15 minutes 30% of the marks (70 marks)

(This test assesses the practical skills needed to use the applications covered in sections 17, 18 and 19 of the subject content.)

**Paper III Spreadsheets and Website Authoring** Two hours fifteen minutes 30% of the marks (70 marks)

(This test assesses the practical skills needed to use the applications covered in sections 20 and 21 of the subject content. Candidate must demonstrate the practical skills relevant to sections 11-16 for papers II and III. All tasks are compulsory)

All components are externally assessed.

## University Pathways and Careers:

Information and Communication Technology is a marvellous changing force in 21<sup>st</sup> century. Technology has its influence and reshapes every field of life. With ICT, company can make the business easier to happen with the client, supplier and the distributor. Once can pursue BS in Information Technology or BS in Computer and Information systems or B.E in Computer and Information Systems or bachelor's in Computer and Information Technology.

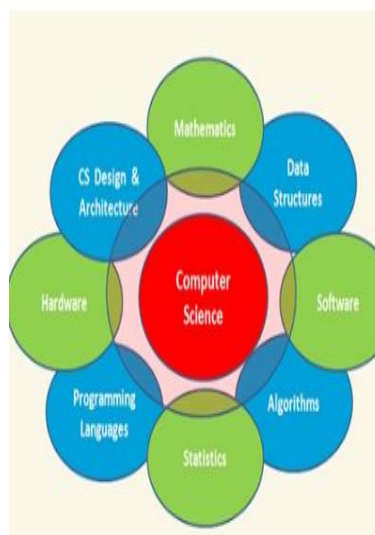
Students go on to pursue careers as a computer programmer, Web designers, Database analysts, Project managers, Social Media managers, Social Community managers, Security/Networking Analysts, or Technology support.

# IGCSE COMPUTER SCIENCE

**SUBJECT  
CODE: 0478**

*"I learned that computer science is not just about syntax and coding. We can make a difference in people's lives by developing applications .."*

— Kyle Recto



## Course Structure:

The study of Cambridge IGCSE Computer Science provides an ideal foundation in computer science. Learners gain confidence in computational thinking and programming, an appreciation of automated and emerging technologies and the benefits of their use. They develop the understanding of the main principles of problem-solving by creating computer-based solutions using algorithms and high-level programming language. Learners also develop a range of technical skills including the ability to test effectively and evaluate solutions.

## Assessment Summary:

All candidates take two components. Candidates will be eligible for grades A\* to G.

**Paper I Computer Systems** One hour 45 minutes 50% of the marks (75 marks)

(Short answers and structured questions. Questions will be based on Topics 1-6 of the subject content. All questions are compulsory)

**Paper II Algorithms, Programming and Logic** One hour and 45 minutes 50% of the marks (75 marks)

(Short answers and structured questions and a scenario-based question. Questions will be based on Topics 7-10 of the subject content. All questions are compulsory)

All components are externally assessed.

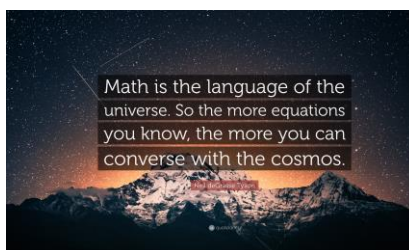
## University Pathways and Careers:

The economic significance of Computer Science is illustrated by wide range of career opportunities. Computer Science is a versatile degree. Individuals with Computer Science degree can be found working in both public and private sectors. They work in a wide range of industries such as technology, finance, and security. One can pursue BS in Computer Science, Bachelor of Engineering in Software, Bachelor of Engineering in Computer, and Information Systems.

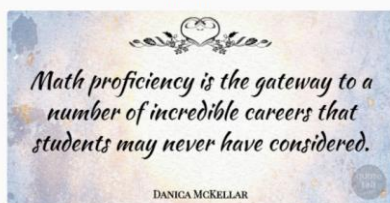
Students go on to pursue careers as a Software Developer, Database administrator, Games Developer, Web Designer, Computer Network Architect, Computer and Information Research Scientists, Software Quality assurance Engineer, Mobile application developer, IOS developer, Database administrator.

# IGCSE MATHEMATICS

**SUBJECT CODE:  
0580**



Math proficiency is the gateway to a number of incredible careers that students may never have considered.



## Course Structure:

Cambridge IGCSE Mathematics supports learners in building competency, confidence, and fluency in their use of techniques and mathematical understanding. This course helps learners to develop a feel for quantity, patterns, and relationships. Learners will develop their reasoning, problem-solving and analytical skills in a variety of abstract and real-life contexts. It 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. The course is tiered to allow all candidates to achieve and progress in their mathematical studies.

## Assessment Summary:

Two written examinations

### Paper 2 (non-calculator paper)

2 hours                      50% of the marks  
Structured and unstructured questions

### Paper 4 (calculator paper)

2 hours                      50% of the marks  
Structured and unstructured questions

Both components are externally assessed.

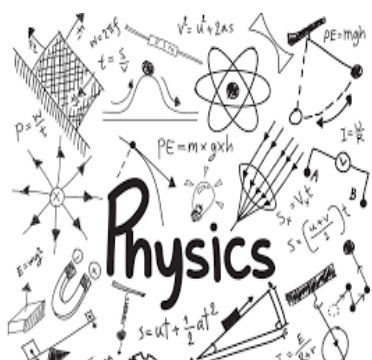
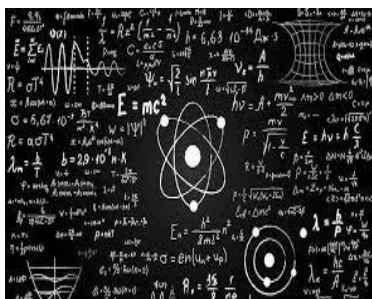
## University Pathways and Careers:

The combination of knowledge and skills in Cambridge IGCSE Mathematics gives learners a solid foundation for further study. Candidates who perform well should be able to progress to the advanced study of mathematics. From Cambridge IGCSE Mathematics learners can progress to Cambridge International AS & A Level Mathematics, or other qualifications at that level.

Cambridge IGCSEs is accepted and valued by leading universities and employers around the world as evidence of academic achievement. Many universities require a combination of Cambridge International AS & A Levels and Cambridge IGCSEs or equivalent to meet their entry requirements.

# IGCSE PHYSICS

**SUBJECT  
CODE: 0625**



## Course Structure:

The study of Cambridge IGCSE Physics enables learners to increase their understanding of the technological world and develop an understanding of the scientific skills essential for both further study and everyday life. The curriculum also enables candidates to understand the influence and limitations placed on scientific study by society, economy, technology, ethics, the community and the environment.

## Assessment Summary:

All candidates take two components. Candidates will be eligible for grades A\* to G.

**Paper Components 12 & 22** Core and Extended Multiple Choice  
45 mins 40 marks

**Paper Components 32 & 42** Core and Extended Theory 1 hr 15 mins 80 marks

**Paper Component 62** Alternative to practical 1 hour 40 marks

All components are externally assessed.

## University Pathways and Careers:

• Accelerator Operator.	• High School Physics Teacher.
• Applications Engineer.	• Laser Engineer.
• Data Analyst.	• Aeronautical Engineer
• Design Engineer.	• Nuclear Scientist
• Astronomer	• Space Scientist
• Biophysicist	• Meteorologist
• Aerospace Engineer	• Medical Physicist

# IGCSE ACCOUNTING

**SUBJECT  
CODE: 0452**

ONLY ACCOUNTANTS CAN  
SAVE THE WORLD  
THROUGH PEACE,  
GOODWILL  
&  
RECONCILIATIONS.

SAYINGSPOINT.COM



## Course Structure:

The Cambridge IGCSE Accounting syllabus introduces learners to the theory and concepts of accounting and the ways in which accounting is used in a variety of modern economic and business contexts. Learners focus on the skills of recording, reporting, presenting and interpreting financial information and build an ideal foundation both for further study and for a future career within the profession.

## Assessment Summary:

**IGCSE LEVEL:** Two written examinations

**Paper I** One hour 30% of the marks

(Multiple choice questions)

**Paper II** One and half hour 70% of the marks

(Structured Written Paper)

All components are externally assessed.

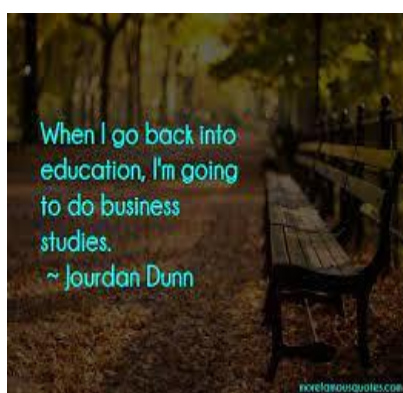
## Course Aims and Objectives:

The aims are to enable students to develop:

- knowledge and understanding of the principles and purposes of accounting for individuals, businesses, non-trading organisations and society as a whole
- an understanding of accounting concepts, principles, policies, techniques, procedures and terminology
- improved skills of numeracy, literacy, communication, enquiry, presentation and interpretation
- improved accuracy, orderliness and the ability to think logically
- an excellent foundation for advanced study

# IGCSE BUSINESS STUDIES

**SUBJECT  
CODE: 0450**



## Course Structure:

The Cambridge 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.

## Assessment Summary:

**IGCSE LEVEL:** Two written examinations

**Paper I** One hour thirty minutes 50% of the marks  
(Short answer and data response questions)

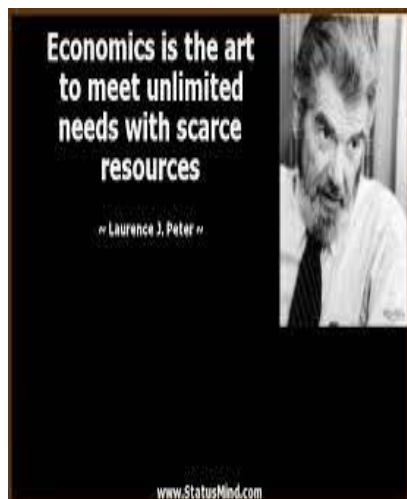
**Paper II** One and thirty minutes 50% of the marks  
(Case Study)

## Course Aims and Objective:

The aims are to enable students to:

- apply their knowledge and critical understanding to current issues and problems in a wide range of business contexts
- make effective use of relevant terminology, concepts and methods, and recognise the strengths and limitations of the ideas used in business
- distinguish between facts and opinions, and evaluate qualitative and quantitative data in order to help build arguments and make informed judgements
- appreciate the perspectives of a range of stakeholders in relation to the business environment, individuals, society, government and enterprise
- develop knowledge and understanding of the major groups and organisations within and outside business, and consider ways in which they are able to influence objectives, decisions and activities
- develop knowledge and understanding of how the main types of businesses are organised, financed and operated, and how their relations with other organisations, consumers, employees, owners and society are regulated
- develop skills of numeracy, literacy, enquiry, selection and use of relevant sources of information, presentation and interpretation
- develop an awareness of the nature and significance of innovation and change within the context of business activities
- acquire a foundation for further study of business or other subjects.

# IGCSE ECONOMICS SUBJECT CODE: 0455



## Course Structure:

The Cambridge IGCSE Economics syllabus develops an understanding of economic theory, terminology and principles. Learners 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.

## Assessment Summary:

**IGCSE LEVEL:** Two written examinations

**Paper I** One hour 30% of the marks  
(Multiple choice questions)

**Paper II** Two hour 15 mins 60% of the marks  
(Based on data response + structured)

**A LEVEL:** Two written examinations (50% marks from AS Level)

**Paper III** One hour fifteen minutes 15% of the marks  
(Multiple choice questions)

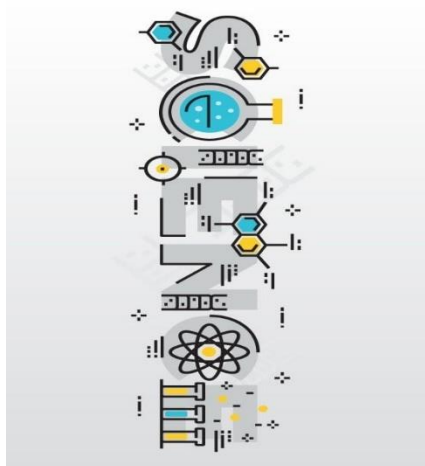
**Paper IV** Two hours fifteen minutes 35% of the marks  
(Based on data response + structured)

All components are externally assessed.

## Course Aims and Objectives

Cambridge IGCSE Economics is accepted by universities and employers as proof of knowledge and understanding of economics. Successful Cambridge IGCSE Economics candidates gain lifelong skills, including:

- an understanding of economic theory, terminology and principles
- the ability to apply the tools of economic analysis
- the ability to distinguish between facts and value judgements in economic issues
- an understanding of, and an ability to use, basic economic numeracy and literacy
- the ability to take a greater part in decision-making processes in everyday life
- an ability to use examples from a variety of economies
- an excellent foundation for advanced study in economics



The study of Cambridge IGCSE Combined Science aims to provide an enjoyable and worthwhile educational experience for all learners, whether or not they go on to study science beyond this level enable learners to acquire sufficient knowledge and understanding to become confident citizens in a technological world and develop an informed interest in scientific matters

### IGCSE Core and Extended :

**Paper 1 & 2** Forty Five minutes. 40 marks.  
(Multiple choice questions)

All candidates take one practical component from a choice of two:

**Paper 6** One hour. 40 marks.  
(Alternative to Practical)  
All components are externally

### Biology:

Biologist, Conservationist, Doctor, Dentist, Electron Microscope Specialist, Environmentalist, Environmental Educator, Health Policy Consultant, Laboratory Technician, Marine/Fisheries Biologist, Nurse, Oceanographer, Optometrist, Pharmaceutical Research, Pharmacologist,

### Chemistry:

Agricultural Chemist, Analytical Chemist, Biochemist, Biotechnologist, Chemical Engineer, Chemical Instructor, Cosmetic Chemist, Dentist, Environmental Chemist, Food Chemist, Forensic Scientist, Geochemist, Industrial Hygienist, Laboratory Manager, Laboratory Technician

## Physics:

Astronomer, Audiologist, Biophysicist, Dentist, Doctor,  
Financial Analyst, Geophysics, Medical Researcher,  
Meteorology, Optometrist, Radiologist, Science  
Journalist, Science Teacher, Software Developer,  
Engineer, scientist.

# IGCSE CHEMISTRY

**SUBJECT CODE:  
0620**



IGCSE Chemistry [0620]

Essential Facts  
(DISCLAIMER: Poor Audio and Speech Quality  
due to rushed and late at night recording, this  
was designed for my own use)



## Course Structure:

Cambridge IGCSE Chemistry develops a set of transferable skills including handling data, practical problem-solving and applying the scientific method. Learners develop relevant attitudes, such as concern for accuracy and precision, objectivity, integrity, enquiry, initiative and inventiveness. Cambridge IGCSE Chemistry encourages learners to be: confident, interested in learning about science, questioning ideas and using scientific language to communicate their views and opinions responsibly, working methodically and safely when working alone or collaboratively with others reflective, be curious about scientific principles and their application in the world.

## Assessment Summary:

**IGCSE:** Three written examinations (Including Alternate to Practical)

**Paper 2** Forty minutes. 40 marks. 30% of the IGCSE

(Multiple choice questions)

**Paper 2** One hour fifteen minutes. 80 marks. 50% of the IGCSE.

(Structured Questions)

**Paper 6** Alternate to Practical. 1 hours. 40 Marks. 20% of the IGCSW.

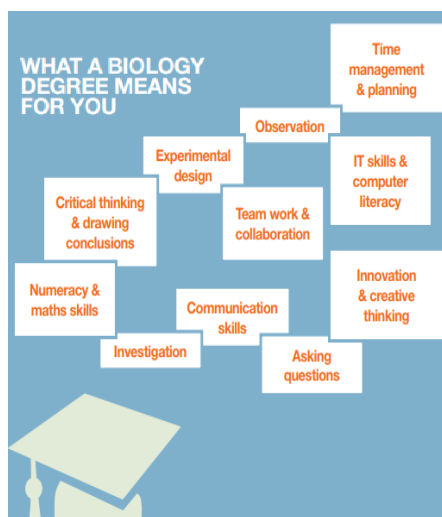
(Experimental skills)

## University Pathways and Careers:

Analytical chemist, Chemical Engineer, Chemistry Teacher, Forensic Scientist, Geochemist, materials scientist, Pharmacologist, Toxicologist, Water Chemist, Academic researcher, Patent examiner, Pathologist.

# IGCSE BIOLOGY

**SUBJECT CODE:  
0610**



## Course Structure:

The study of Cambridge IGCSE Biology develops a set of transferable skills including handling data, practical problem-solving and applying the scientific method. Learners develop relevant attitudes, such as concern for accuracy and precision, objectivity, integrity, enquiry, initiative and inventiveness. They acquire the essential scientific skills required for progression to further studies or employment.

## Assessment Summary:

Three written examinations

### Paper 2

Forty-Five minutes. 40 marks. 30% of the IGCSE.

*40 four-option multiple-choice questions*

### Paper 4

**One** hour fifteen minutes. 80 marks. 50% of the IGCSE.

*Short-answer and structured questions*

### Paper 6

**One** hour. 40 marks. 20% of the IGCSE.

### Alternative to Practical.

*Questions will be based on the experimental skills in Section 4.*

## University Pathways and Careers:

**Biology careers in research:** Most common is research within the medical and life sciences, covering areas such as health and disease, neurology, genomics, microbiology and pharmacology.

**Biology careers in environmental conservation:** Careers with a biology degree which fall under this remit include marine and/or aquatic biologist, zoo biologist, conservation biologist, ecologist and environmental manager. Biologists in these roles carry out recovery programs for endangered species and provide education for the general public.

**Biology careers in education:** With a biology degree and a teaching qualification one will be equipped to work within education and enjoy working with young people and encouraging them to learn about the world, be that in a classroom, a lecture theater, a laboratory or a museum.

**BLURRING THE BOUNDARIES** Some of the most innovative and exciting work in science occurs at the boundaries where biological knowledge is combined with techniques from chemistry, physics, engineering and maths.

Biochemistry

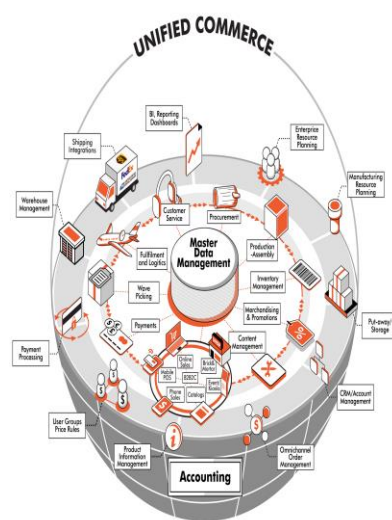
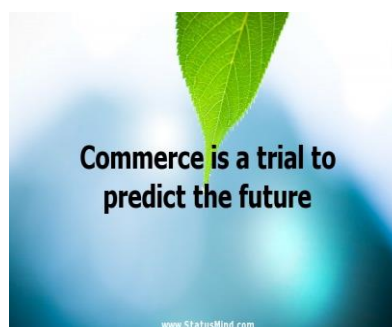
Biomaths and Computational Biology

Biotechnology

Biophysics

# Edexcel COMMERCE

## SUBJECT CODE: 4CM1



### Course Structure:

The Edexcel Commerce syllabus develops learners' understanding of commercial operations and commercial risks. Learners find out how the major types of business organisation are established, financed, and run, and how their activities are regulated.

### Assessment Summary:

Edexcel Commerce: Two written examinations

**Paper I** One hour thirty minutes 50% of the marks  
(Commercial operations and associated risk)

**Paper II** One and thirty minutes 50% of the marks  
(Facilitating commercial operations)

### Course Aims and Objective:

The aims and objectives of this qualification are to enable students to:

- develop an interest in and enthusiasm for the study of commerce
- develop an understanding of commerce concepts, commerce terminology, commerce objectives and the integrated nature of commerce activity
- understand how the main types of commerce are organised, financed and operated
- develop and apply knowledge, understanding and skills to commerce issues in a wide range of applications, operating in local, national and global context
- develop critical thinking and enquiry skills to distinguish between facts and opinion, and evaluating and interpreting qualitative and quantitative data, to help build arguments and make informed judgements
- develop an understanding of the dynamics of commerce activity and the related considerations of ethics and sustainability for global businesses.

# IGCSE TRAVEL & TOURISM

**SUBJECT CODE:  
0471**



## Course Structure:

Cambridge IGCSE Travel & Tourism enables learners to discover the nature of travel and tourism, developing awareness of sustainability, locally and around the world. Learners gain understanding of the importance of customers Cambridge learner and of the marketing of travel and tourism destinations. Developing transferable thinking, research and communication skills equips learners well for progression to further education courses such as Cambridge International AS & A level Travel & Tourism.

## Assessment Summary:

IGCSE: Two written examinations

**Paper I Key Terms and Concepts:** 1 hour 30 minutes for **80 marks.**

**Paper II Managing and Marketing Destinations:** 2 hours for **80 marks.**

*Both components are externally assessed.*

## University Pathways and Careers:

Travel and Tourism courses will deepen your understanding about tourism as an activity, how the tourism industry is organised and developed, and how tourism influences society locally, nationally, and globally. The travel and tourism industry cover several types of careers from service to executive positions. There are also many different sectors available to work in, such as planning events for travellers, operating tours, and booking travel arrangements. Travel and tourism courses are in the practice-oriented field and are interesting ones. It is in constant growth and needs more and more skilled workers and innovators every year. There are so many good reasons why you should study travel and tourism such as:

- Chance to join the world's one of the fastest growing industry. Get to meet people from different cultures.
- Different experience every day, ethical benefits, Tourism is global.

There are a wide range of jobs available in a variety of sectors including Travel Agencies, Travel Wholesalers, Visitor Information Centres, Tour Operators, Cruising, Transport, Events and Tourism Services, including aviation and hotel management job opportunities too.

# BTEC SUBJECTS

# BUSINESS

## BTEC LEVEL 2

**BUSINESS IS A  
COMBINATION OF  
WAR AND SPORT.**

Andre Maurois  
PICTUREQUOTES.COM



### Course Structure:

The Pearson BTEC International Level 2 Certificate is a qualification that can be part of a learner's programme of study and provide a vocational learning experience. Potentially the qualification could prepare learners for progression to an appropriate Level 3 programme in the same or related vocational area.

Centres are given an opportunity to develop their own assignments/activities, to take into account the needs of both local employers and their learners. Evidence for assessment may be generated through a range of diverse activities including assignment and project work, case studies, workplace assessment, role play and oral presentation. Delivery strategies should reflect the nature of work within the business sector by encouraging learners to research and carry out assessment in the workplace or in simulated working conditions wherever possible.

### Key Information

Pearson BTEC International Level 2 Certificate in Business	
Minimum total Notional Learning Hours (NLH)	150 (including 90 Guided Learning Hours (GLH))
Minimum qualification value (NLH/10)	15
Assessment	This qualification is internally assessed
Unit grading information	Pass/Merit/Distinction
Overall qualification grading information	Pass/Merit/Distinction/Distinction*

### Aims/ Skills Acquired of the course :

The Pearson BTEC International Level 2 qualifications in Business have been designed to address the needs of Level 2 learners in key areas, including interpersonal skills and customer service. Learners have the opportunity to develop skills to support them as they build relationships with a wide variety of customers, internal and external, to a range of business environments. A range of specialist units are included to allow centres to offer innovative, imaginative and creative curriculum to meet their learner needs.

# INFORMATION TECHNOLOGY

## BTEC LEVEL 2



### Course Structure:

The Pearson BTEC International Level 2 Certificate offers a work-related vocational qualification that focuses on aspects of employment in the appropriate vocational sector. The Pearson BTEC International Level 2 Certificate is a qualification that can be part of a learner's programme of study and provide a vocational learning experience. Potentially the qualification could prepare learners for progression to an appropriate Level 3 programme in the same or related vocational area.

### Key Information:

Pearson BTEC International Level 2 Certificate in Information Technology	
Total Notional Learning Hours (NLH)	150 (including 90 Guided Learning Hours (GLH))
Qualification value (NLH/10)	15
Assessment	This qualification is internally assessed
Unit grading information	Pass/Merit/Distinction
Overall qualification grading information	Pass/Merit/Distinction/Distinction*

### Aims/ Skills Acquired of the course:

The Pearson BTEC International Level 2 Certificate, Extended Certificate and Diploma qualifications in Information Technology have been developed to:

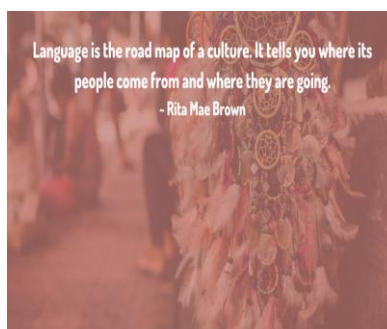
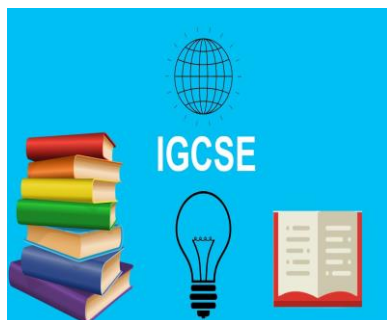
- give full-time learners the opportunity to enter employment in the IT sector or to progress to vocational qualifications
- provide education and training for those employed in IT
- give those employed in IT opportunities to achieve a Level 2 vocationally specific qualification
- give learners the opportunity to develop a range of skills and techniques, personal skills and attributes essential for successful performance in working life. This specification provides content and structures that help learners to acquire the skills and knowledge needed to work as professionals in the IT sector.

# OPTIONAL SUBJECTS

# IGCSE

## URDU AS A SECOND LANGUAGE

### SUBJECT CODE: 0539



#### Course Structure:

This course offers you the opportunity to develop your skills in reading, listening, talking, and writing in Urdu, which are essential for learning, work, and life. You will also learn to understand how language works and how to communicate information and ideas. You will study a wide range of various types of texts in a variety media. You will also learn to think critically, creatively and develop cultural awareness. learners will be able to follow information as well as abstract ideas, select relevant details, and understand what is directly stated or implied.

#### Assessment Summary:

##### IGCSE URDU AS A SECOND LANGUAGE

Paper 1 - 2 hours Reading and Writing 60 mark 67%

Written examination consisting of six exercises that test a range of reading and writing skills.

Paper 2 Approx. 35–45 minutes Listening 30 marks 33%

Written examination consisting of four exercises that test listening skills.

Both components are externally assessed.

Candidates can choose to take: Component 3 Approx. 10–12 minutes Speaking Separately endorsed 60 marks, internally assessed and externally moderated.

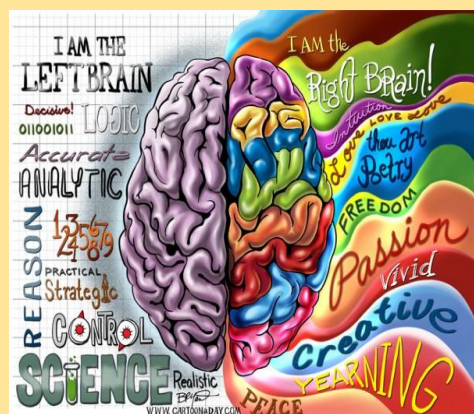
#### University Pathways and Careers:

Almost 100 million people around the world speak Urdu, which is the main language of Pakistan. And, it is widely spoken in India, Bangladesh, Nepal, and the Middle East. Some 400 thousand people in the UK speak Urdu. Urdu uses the Arabic alphabet, the second most used alphabet in the world.

The skills you develop in Urdu are useful in many different career areas such as languages, teaching and classroom support, travel, or media.

# IGCSE ART AND DESIGN

**SUBJECT CODE:  
0400**



## **Course Structure:**

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

## **Assessment Summary:**

### **Component 1**

Course work 50% 100 marks

**There are two parts to the coursework:**

- a portfolio and
  - a final outcome.
- Externally assessed

### **Component 2**

Externally Set Assignment 50%  
100 Marks

**There are two parts to the assignment:**

- supporting studies and a final outcome produced during a supervised test of 8 hours' total duration. Externally assessed.

## **University Pathways and Careers:**

Majors in this pathway typically lead to careers in traditional arts settings; architecture; social and multi-media; entertainment; and in the expression of ideas and information for government, business, and other organizations.

Many careers in art and design require a bachelor's degree, including most positions in fashion design, interior design, and graphic design. Even employers that don't require an advanced degree may prefer candidates with an associate degree (or higher) over candidates with only a high school diploma. Students interested in teaching at the secondary or postsecondary levels should continue their education beyond a bachelor's degree. (Master's Degree)

# IGCSE FRENCH SUBJECT CODE: 0520

*The conquest of learning*  
IS ACHIEVED THROUGH  
THE KNOWLEDGE OF  
*languages.*  
— Roger Bacon



## Course Structure:

Cambridge IGCSE French develops a set of transferable skills for understanding and communicating in everyday situations in French. Learners 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. The combination of knowledge and skills in Cambridge IGCSE French gives learners a solid foundation for further study. Candidates who achieve grades A\* to C are well prepared to follow a wide range of courses including Cambridge International AS & A Level French.

## Assessment Summary:

All candidates take all four papers. Candidates will be eligible for grades A\* to G.

### All candidates take:

**Paper 1** Approximately 50 minutes  
Listening 25%  
40 marks  
Candidates listen to a number of recordings and answer multiple-choice and matching questions.  
Externally assessed

### and:

**Paper 2** 1 hour  
Reading 25%  
45 marks  
Candidates read a number of texts and answer multiple-choice and matching questions as well as questions requiring short answers.  
Externally assessed

### and:

**Paper 3** Approximately 10 minutes  
Speaking 25%  
40 marks  
Candidates complete one role play and conversations on two topics.  
Internally assessed and externally moderated

### and:

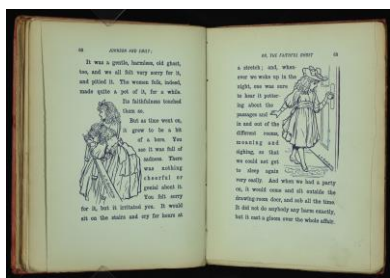
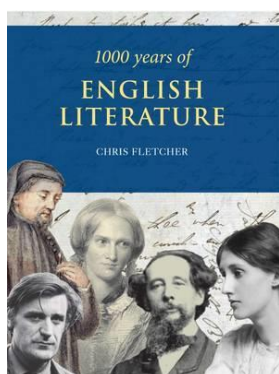
**Paper 4** 1 hour  
Writing 25%  
45 marks  
Candidates complete one form-filling task, one directed writing task and one task in the format of an email/letter or article/blog.  
Externally assessed

## University Pathways, Why learn French and Careers:

200 million people around the world speak French. More than 100 million students are learning French. In the past 50 years, the number of French speakers has tripled. French opens doors for career in, teaching, business, research, travel and more. French is taught in every country in the world. Speaking French helps you understand another culture. 29 countries have French as official language. Speaking French enhances travel and helps you make friends around the world. Being bilingual looks impressive on your resumé and salaries are higher for bilingual workers.

# IGCSE LITERATURE IN ENGLISH

**SUBJECT  
CODE: 0475**



## Course Structure:

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 effects. Cambridge IGCSE Literature in English will stimulate learners to read for pleasure and to explore wider and universal issues, promoting a better understanding of themselves and the world.

## Assessment Summary:

**Paper 1** 1 hour 30 minutes  
Poetry and Prose 50% 50 marks  
Two questions on two texts: one poetry and one prose  
Externally assessed

**Paper 2** 1 hour 30 minutes  
Drama 50% 50 marks  
Two questions on two texts  
Externally assessed

## University Pathways and Careers:

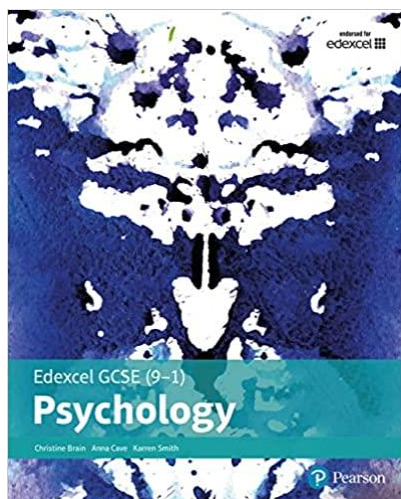
Critical thinking. Creativity. Interpretation. Studying English prepares you for a diverse range of professional fields, including teaching, journalism, law, publishing, medicine, and the fine arts. English majors also pursue careers in tech companies and other start-up ventures--in Silicon Valley and beyond. Whether copywriters or social workers, entrepreneurs, or filmmakers, you can apply your skills to fields in every corner of the world.

Careers no longer follow the linear paths that they have for previous generations. The area of study you pursue in college provides you with a broad range of opportunities after graduation rather than training for one specific career path. The skills you have developed as an English major--including technical analysis and interpretation, critical and creative writing, and historical synthesis--prepare you for a range of possible careers.

# GCSE

## Edexcel PSYCHOLOGY

### SUBJECT CODE: 1PS0



#### Course Structure:

The study of Edexcel Psychology Yr 10 and 11 allows learners to explore concepts and theories which can be applied to the way that modern Psychology works. Edexcel learners develop the ability to explain, evaluate and analyse economic issues and arguments. They gain lifelong skills and a solid foundation for further study. Students will be expected to study the subject over the range of two years, with the first half being covered at Yr10 and the completion of the entire course will happen at Yr 11.

#### Assessment Summary:

##### Paper 1 (\*Paper code: 1PS0/01)

Written examination: 1 hour and 45 minutes

55% of the qualification

98 marks

##### Paper 2 (Paper code: 1PS0/02)

Written examination: 1 hour and 20 minutes

45% of the qualification

79 marks

All components are externally assessed.

#### University Pathways and Careers:

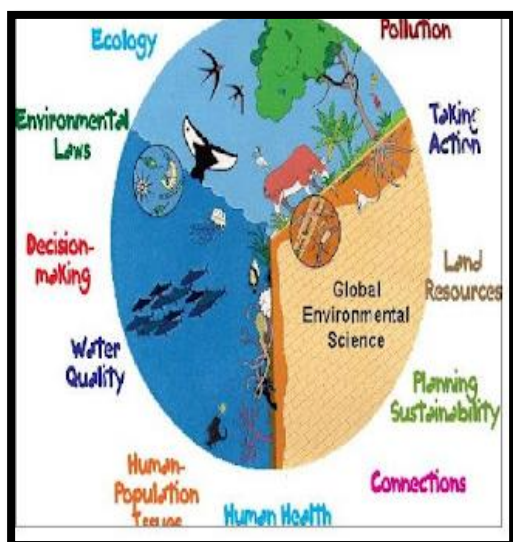
A career in Psychology can be more diverse than you might first imagine. Psychology is more than mental issues and stereotypes. One can pursue BA/B.Sc. Honours in Psychology, B.A Honours -- Counselling, Child development, Educational support & determinations, Clinical psychology, Sports psychology, Military psychology, Applied psychology, Organizational/industrial psychology, Forensics.

Students go on to pursue careers in the varied sectors, for example in Labs, clinics and financial service

s, analytical and psychiatric fields, Educational, Sport, government take up positions as Psychologists, Counsellors, Psychiatrist, Therapist, Social workers, and wellbeing coaches engage in entrepreneurial activity, or pursue careers in marketing and even law.

# IGCSE ENVIRONMENTAL MANAGEMENT

**SUBJECT CODE:  
0680**



## Course Structure:

The Environmental Management course calls upon learners to be participants in defining the future of their world. It is concerned not only with the impact of humans on the planet but also with the patterns of human behaviour necessary to preserve and manage the environment in a self-sustaining way. Study is linked to the areas of new thinking in environmental management, environmental economics, and the quest for alternative technologies. Case studies allow candidates to obtain a local as well as a global perspective. The course will be completed in the time period of two years.

## Assessment Summary:

**Paper 1:** 1 hour 45 min, 80 marks with 50% weightage  
Theory based paper

**Paper 2:** 1 hour 45 min, 80 marks with 50% weightage  
Management in Context

Both components are assessed externally

## University Pathways and Careers:

Students opting for Environmental Management can pursue a degree in environmental science, environmental engineering, environmental law, sustainability studies, GIS and remote sensing, marine sciences, and many more.

Environmental studies students are hired by different consultancies and firms as environmental consultants, technicians, scientists, and surveyors. Holding a degree in this field will get a vast career option to choose.

# FREQUENTLY ASKED QUESTIONS

- **Can I change my mind after the April deadline?**

Yes, you can request to change your option choices after April, but it may not be possible if it is not a part of your chosen pathway or the class you want to go into is full. Once you start the subject in September, you will have a month's window to swap if you realise that you made a mistake in choosing a subject, but again, keep the above mentioned conditions in mind.

- **How do coursework grades tie into the final examination grade?**

From the individual subject information, you will see that different subjects allocate different marks to examinations and coursework. The coursework is marked by the subject teacher but is moderated by an external examiner. Examinations are all marked by external examiners. The final percentage is arrived at according to the percentage breakdown of course and examination work for that subject.

- **How do I find out about new subjects like Business Studies, Economics, BTEC IT/Business and Psychology?**

For more information, you can visit <http://www.cambridgeinternational.org> and/or <https://qualifications.pearson.com/en/qualifications/edexcel-gcses.html> Subject Leaders and the teachers teaching those subjects will also be able to address all your doubts and queries.

For any further questions or concerns please contact:

**Admissions**

[Admissions@pristineschool.com](mailto:Admissions@pristineschool.com)