



# NECAT BRITISH COLLEGE

## NECAT BRITISH COLLEGE IGCSE CURRICULUM

### **English Language:**

Using spelling, punctuation and grammar accurately students will develop skills to analyse how writers use linguistic and structural devices to achieve their effects. Students will learn to explore links and connections between writers' ideas and perspectives. They will improve transactional writing skills for a variety of purposes and audiences as well as expand imaginative writing skills to engage the reader.

### **Maths:**

Students will learn the importance of mathematics in society, employment and study by developing their knowledge and understanding of mathematical concepts and techniques. They will learn a foundation in mathematical skills for further study in the subject or related areas and will enjoy using and applying mathematical techniques and concepts to become confident in using mathematics to solve problems.

### **Turkish:**

Students will learn the language skills necessary for them to live and work in Cyprus and abroad. Furthermore, the curriculum is designed to enable students to gain a broader education in the Turkish language and culture through their participation in various activities. The syllabus includes the programme taught at government schools, but also caters to the specific needs and aims of NBC.

### **Physical Education:**

By developing theoretical knowledge and understanding of the factors that underpin physical activity and sport our students learn to understand how the physiological and psychological state affects performance in physical activity and sport. They will take part in different physical activities by developing skills and techniques and selecting and using tactics, strategies and/or compositional ideas which will lead to their better understanding of the key socio-cultural influences that can affect people's involvement in physical activity and sport.

### **English Literature:**

This subject enables students to read, interpret and evaluate texts through the study of literature in English. Students will develop an understanding of literal meaning, relevant contexts and of the deeper themes or attitudes that may be expressed. Through their studies, they will learn to recognise and appreciate the ways in which writers use English to achieve a range of effects, and will be able to present an informed, personal response to the material they have studied. We also encourage the exploration of wider and universal issues, promoting learners' better understanding of themselves and of the world around them.



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## **Geography:**

Students will develop a 'sense of place' by looking at the world around them on a local, regional and global scale. They will examine a range of natural and man-made environments, and study some of the processes that have affected their development. They will also look at the ways in which people interact with their environment, and the opportunities and challenges an environment can present, thereby gaining a deeper insight into the different communities and cultures that exist around the world.

## **History:**

The History syllabus looks at some of the major international issues of the nineteenth and twentieth centuries, as well as covering the history of particular regions in more depth. The emphasis is on both historical knowledge and on the skills required for historical research. Students develop an understanding of the nature of cause and effect, continuity and change, similarity and difference and find out how to use and understand historical evidence as part of their studies.

## **French or German:**

The aim is to develop students ability to use the language effectively for practical communication. It is based on the linked language skills of listening, reading, speaking and writing, and these are built on as students progress through their studies. The curriculum also aims to offer insights into the culture of countries where French or German is spoken, thus encouraging positive attitudes towards language learning and towards speakers of other languages.

## **Biology:**

The Biology syllabus helps students to understand the technological world in which they live, and take an informed interest in science and scientific developments. They gain an understanding of the basic principles of biology through a mix of theoretical and practical studies.

## **Human Biology:**

Students will learn about the structure and functions of the human body while developing their experimental skills. They study human biology at all levels, from cells and tissues up to bones, muscles and joints as well as the internal organs and their functions. They will develop an understanding of how the human organism maintains itself and also learn how humans can modify their environment and behaviour to produce healthy conditions for present and future populations.

## **Chemistry & Physics:**

Students learn to understand the technological world in which they live, and take an informed interest in science and scientific developments. They gain an understanding of the basic principles of Chemistry and Physics through a mix of theoretical and practical studies. As they progress, they understand how science is studied and practiced, and become aware that the results of scientific research can have both good and bad effects on individuals, communities and the environment.



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## **Computer Science:**

Students will develop knowledge, understanding and the capability to evaluate the theory of Computer Science - data representation and transmission, practical problem solving and programming using algorithms and a high level program language as well as the use and need for different types of operating systems, high and low level programming languages, the computer architecture and the fetch-execute cycle.

## **ICT:**

The Information Communication Technology subject encourages our students to develop lifelong skills which will be useful to them in their work across the curriculum and prepare them for future employment. They will develop an understanding of the implications of technology in society, including social, economic and ethical uses and an awareness of the ways ICT can help in home, learning and work environments.

## **Art:**

Students will develop ideas through investigations, demonstrating critical understanding of sources and refine work by exploring ideas, selecting and experimenting with appropriate media, materials, techniques and processes. They will learn to record ideas, observations and insights relevant to their intentions as work progresses. Students will explore both contemporary and historical sources of art, craft and design first hand within their surroundings and environments. They will develop the skill of selecting their best and most appropriate work for presentation.

## **Design Technology:**

Enables students to identify, consider and solve problems through creative thinking, planning and design, and by working with different media, materials and tools. As a result, they gain greater technical and design awareness, while developing skills such as initiative, resourcefulness, enquiry and ingenuity. They also develop the communication skills central to design making and evaluation.

## **Food Technology:**

Students will be introduced to both the theoretical and practical aspects of buying and preparing food. Dealing with diet and health in everyday life, they will study the nutritional value of basic foods and develop the skills required to produce a balanced family meal. Consumer awareness is encouraged, as are high standards of personal and kitchen hygiene, especially when students put their knowledge into practice in order to produce creative and enjoyable dishes.

## **Textiles:**

By following this theoretical and practical syllabus, students will cover a range of topics including the use of textiles, style and choice of clothing, use of patterns, fitting and assembling garments, and how to care for clothing. The aim is to develop students' creative and aesthetic awareness, stimulating an enjoyment in the creative use of textiles. They will also develop a discriminating and informed approach to the marketing of clothes, learning how to assess suitability and recognise quality, in the context of fashion and textiles.



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## **Business Studies:**

This subject develops students' understanding of business activity in the public and private sectors, and the importance of innovation and change. They will find out how the major types of business organisation are established, financed and run, and how their activities are regulated. Students 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 A Level and an ideal preparation for the world of work.

## **Economics:**

Students will develop an understanding of economic theory, terminology and principles. They will study the economics of different countries and how these interrelate. They will learn to work with simple economics data and to use the tools of economic analysis. They will also apply their understanding of economics to current economic issues.

## **Psychology:**

Students will gain knowledge and understanding of psychology, they will develop an understanding of self and others, and how psychological understanding can help to explain everyday social phenomena. They will gain an understanding of how psychological research is conducted, including the role of scientific method and data analysis as well as putting forward arguments and drawing conclusions through a critical approach to psychological evidence, developing as reflective thinkers.

## **Sociology:**

Students will explore aspects of social relationships, processes and structures; as a result, they will develop a greater understanding of human societies and the role of continuity and change in social life. Students will be encouraged to critically evaluate a variety of different social, economic and political structures, thereby learning more about the sociological method, and developing an ability to assess different forms of information and evidence.

## **Physical Education Exam:**

The curriculum provides students with an opportunity to study both the practical and theoretical aspects of physical education. It is designed to encourage enjoyment in physical activity by providing them with an opportunity to take part in a range of physical activities and develop an understanding of effective and safe physical performance. This helps students develop an appreciation of the necessity for sound understanding of the principles, practices and training that underpin improved performance, better health and well-being.