

## Integrating 21<sup>st</sup> Century Skills Into The Core Curriculum

At UCSI International School (UIS) Kuala Lumpur, the combination of the **Cambridge International Curriculum** and the **International Primary Curriculum** during primary school lay the foundations for secondary school and the rigorous IGCSE exams. Our multinational teachers are well-qualified to deliver the curriculum, and our makerspace, science labs and studios enable hands-on learning. Since August 2021, UIS Kuala Lumpur has been inducted as the first **Finnish Experience Flagship School in Malaysia**. Through this holistic partnership, the school will be introducing four new tech-based modules: Code School Finland, Eduten Playground, GraphoGame and School Day. The inclusion of these modules is designed to inculcate skills such as coding, gamification, robotics, IT and emotional intelligence in students, preparing them for the ever-changing 21st century world.

UIS Kuala Lumpur has also established **The EdTech Centre**, a one-stop technology and learning hub, to enable students, teachers, parents and the community to interact with one another on the growing importance of 21st century skills. These skills, among others, consist of creativity, collaboration, communication and critical thinking, character education, leveraging emerging digital technologies to increase the reach and impact of education. Beyond that, UIS Kuala Lumpur focuses on **Eight Critical Characteristics** in our learning content and experiences. Supported by Apple Education, our students will learn ICT design, robotics and makerspace with tools and resources such as the Everyone Can Create and Everyone Can Code programmes. The rapid advancement of technological innovation, global competition and a push towards a knowledge-based economy require that our students have a repertoire of soft and hard skills. We therefore place a strong emphasis on technology, character education and co-curricular activities, forming a truly 21st century education.



Our Eight Critical
Characteristics



2.
GLOBAL
CITIZENSHIP
SKILLS

3.
INNOVATION
AND CREATIVE
SKILLS

4.
TECHNOLOGY
SKILLS

5.
INTERPERSONAL
SKILLS

6.

PERSONALISED
AND SELF-PACED
LEARNING

7.
PROBLEM-BASED
COLLABORATIVE
LEARNING

8.
LIFELONG
LEARNING



#### **OUR VISION AND MISSION**

#### **Our Vision**

UCSI Schools aim to develop global citizens and inspire future leaders by providing a world-class, 21st century education.

#### **Our Mission**

The mission of UCSI Schools is to provide a holistic education that prepares learners for the future by equipping them with the skills, knowledge and values needed to become responsible global citizens in a 21st century world.

## Why Study at UCSI International School Kuala Lumpur?





#### **World-Class Education**

We expose students to a world of knowledge through well-established international curricula, incorporating a modern, holistic approach to teaching, learning and skill-building.



#### **Apple Education**

Supported by Apple Education tools and resources such as the Everyone Can Create and Everyone Can Code programmes, we integrate technology and ICT skills into core curriculum and CCA programmes to ensure our students have the skills to succeed in the fast-paced digital world.



#### 21st Century Skills

We aim to develop global citizens and future leaders equipped with essential 5Cs skills (communication, collaboration, creativity, critical thinking and character) to prepare our students for the complexities of the 21st century.



## Experienced Multinational Teachers

Our team of multinational teachers are well-qualified, experienced and knowledgeable about the curriculum and are well-trained to develop positive learning with students. Our teachers at UIS KL have years of experience in international curricula.



#### **Character Education**

We emphasise virtues and values alongside academics. Students and staff strive to demonstrate innovation, self-expression and diligence while maintaining respect, empathy and honesty.



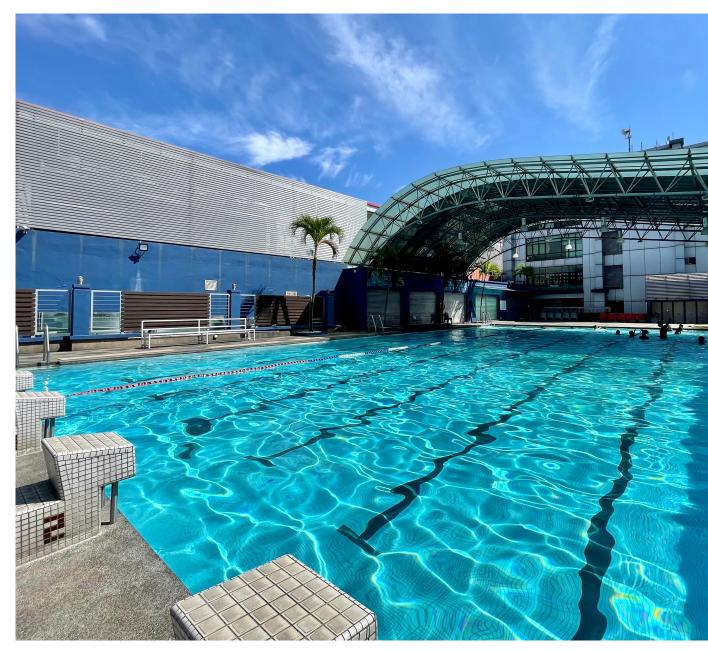
## School Facilities of International Standards

Our campus in Cheras includes a wide range of sports, laboratory and studio facilities such as the makerspace, creative arts studio, swimming pool, multi-purpose sports court, ICT and robotics lab, music studio, performing arts auditorium and more!



## We Provide Graded Swimming Lessons

At UIS KL we believe swimming plays an essential role in a child's growth and development. Graded swimming lessons are also offered as one of our school's co-curricular activities.



## **Meet Our Principal**

#### IAIN SLADE

School Principal

Iain Slade is an experienced international educator from the UK, with over 28 years of diverse experience in successful schools across the UK and internationally. He has held leadership positions in both small independent schools and large school groups, including Dulwich College International in China. Throughout his career, Iain has worked with various school curriculum models, such as the IB Diploma, Cambridge IGCSE, and A-Level programmes. He holds an MBA (with Merit) in International Educational Leadership from the University of Cumbria and successfully completed the National Professional Qualification for Headship (NPQH) in the UK.

Iain has been recognised for his contributions to the teaching profession and society with two fellowships: one from the Chartered College of Teaching in the UK and another from the Royal Society for Arts, Manufactures and Commerce (RSA).

Currently pursuing a PhD in Education at UCSI University, Malaysia, Iain's research focuses on the leadership dynamics of international schools in the ASEAN region. His educational philosophy revolves around inclusion, global mindedness, academic rigor, and providing access to all students. He is particularly interested in developing the eight learner characteristics at UCSI International School Kuala Lumpur.

Outside of work, Iain enjoys spending time with his family, engaging in sports, and traveling. He is passionate about skiing and trekking and has explored various locations worldwide.

Tain Slade



# Meet Our Deputy Principal & Head of Secondary

#### **WENDY JONES**

Deputy Principal & Head of Secondary

Wendy Jones has been in international education for 25 years, where she has enjoyed teaching English, EAL, Media Studies and Film. She has worked in Malaysia for 7 years, in addition to Japan, Spain, Turkey and the UK. Her leadership roles included Head of Faculty, Director of Studies, Head of Sixth Form and Deputy Head. She has successfully collaborated to gain school accreditation for the International Baccalaureate Organisation, International Schools Association, and the Council of International Schools. She is also a Council of International Schools Evaluator and enjoys supporting schools to gain accreditation.

She is passionate about holistic education and leading experiences that provide pupils with the tools and opportunities to challenge themselves; to try new things and to flourish in a safe environment. Wendy believes in the transformative power of education, to equip students to empathise and learn about the world in which they inhabit, and to provide them with the impetus and passion to be the force for change in the future. Ultimately, Wendy believes that 21st century skills provide a platform through which children can develop the characteristics and skill set for the future world of work.





## **Meet Our Group Head of EdTech**



MATT ATLAS
Group Head of EdTech,
UCSI Schools Group

Hailing from the USA, Matt Atlas is the Group Head of EdTech of UCSI Schools Group. As a teacher, Matt has taught the subjects of Information and Communication Technology, Coding, Design, Makerspace and English.

Beyond that, with over 17 years of teaching experience in the United States, Mexico and Malaysia, he holds a Masters in Educational Leadership and Management from University of Nottingham, United Kingdom, a graduate level teaching certification from the University of Delaware, USA, and a Bachelor of Science in Electrical Engineering from LeTourneau University, USA.

As the Group Head of EdTech, Matt is eager to develop 21st century skills among students and all related stakeholders. His own personal enjoyment of and expertise with creative technologies overflows into the teachers and students he works with. He spearheaded the establishment of The EdTech Centre as a hub for students, teachers, parents and community members to interact with technology and grow their 21st century skills of creativity, collaboration, communication, critical thinking and character education. Matt is especially passionate about building creativity among students and teachers. By integrating technology into the learning process, Matt hopes that students will have experiences that inspire them towards innovative and influential futures.

#### Meet Our Head of Student Wellbeing, Wellness and Character



### RENUGAH SUBRAMANIAM Head of Student Wellheing

Head of Student Wellbeing, Wellness and Character

As our Head of Student Wellbeing, Wellness and Character, Renu acts as UCSI Schools Kuala Lumpur's counsellor to provide our students with guidance and support in dealing with an array of challenges such as

academic, personal, parental and social pressures. She often engages with the student body to guide them towards managing their wellbeing while nurturing them holistically as they build their personality, identity and to formulate potential paths to success. Renu is proactive in working closely with parents and school staff members to foster a supportive community where students feel safe to discuss their wellbeing and to help address the challenges that they may be experiencing. As a passionate counsellor and educationist, she has supported various causes and programmes and had benefitted from the opportunity to collaborate with people from all walks of life. With more than 16 years of counselling and teaching experience in several international schools across Malaysia, Renu has also held diverse leadership roles including Vice Principal, School Counsellor and Head of Academic. She has an extensive experience in leadership and counselling mainly in aspects of learning and behaviour. She holds a Bachelor's degree in Educational Psychology from the United States of America as well as Counselling qualifications obtained from Singapore and Malaysia. She is currently pursuing her Master's in Educational Leadership.

Renugah Subramaniam

## **Meet Our Head of Primary**



**HIRA KHATRI**Head of Primary

Hira Khatri is the Head of Primary of UCSI International School Kuala Lumpur. Hira has over 14 years of experience in the education line as a primary teacher, a secondary teacher, a teacher trainer as

well as a school leader. Hira holds a Masters in Education (International Education) from Bath Spa University in United Kingdom. She has recently completed a Certificate course in School Leadership and Management from Harvard Business School. Besides that, Hira holds a Bachelor's degree in Business Administration, as well as a Cambridge International Diploma in teaching with ICT and Certificate in Professional Education from University College Plymouth, United Kingdom. Hira has an immense international teaching experience in various countries, thus giving a touch of global perspective in the way the dissemination of education is done. Hira strongly believes all children are unique and teaching should be about providing a stimulating environment for each child to grow physically, emotionally, mentally and socially. She is a strong believer of children being sensitive and reflective of the world around them. This helps foster a conducive environment to better express themselves, discover who they are and embrace others' differences whilst working towards becoming life-long learners.

## **Meet Our Head of Early Years Centre**



**TARRA TANAUAN**Head of Early Years Centre

Dedicated towards the development of children's life skills, knowledge and disposition from an early age, Tarra Tanauan comes from the Philippines with over 10 years of experience teaching in Early Childhood

Education and Primary Years Education. She envisions early childhood education as a space of fun learning through continuous exploration, spurring of each child's individuality and strengths through play and expressive communication, supplemented with technology and digital resources to nurture lifelong learners. Tarra also holds a Certificate in Child Development and Family Studies from Pam Arnold, College, Australia and a Certificate in Nursery Management from a Malaysian college. Her wide range of educational experience also includes five years as an International Baccalaureate (IB) educator and two years as a Whole School Curriculum Coordinator. Tarra's commitment to the field of education was materialised further after obtaining her Master of Education with a specialisation in Teaching and Learning from Taylor's University, Malaysia. Having had her Bachelor of Commerce from Centro Escolar University in the Philippines, and majoring in Computer Science and Information System, Tarra also believes in nurturing children towards being global citizens through a 21st century education. "There's nothing more vital than what we can impart to them during the early years of life, where the best chances and best starts could begin."

Hira Khatri

Tarra Tanavan

#### EARLY YEARS CURRICULUM

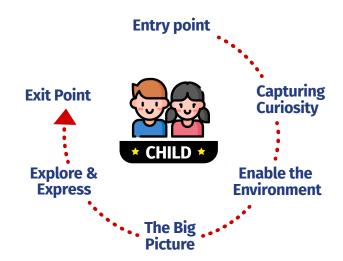


#### (Early Years 1-2)

Early Years at UCSI International School KL is where joyful learning and play happen throughout the day, for children between the ages of 3 and 5. Every child's earliest years provide a wonderful opportunity to capture their natural curiosity, and to establish a genuine passion for learning.

Choosing the International Early Years Curriculum (IEYC) not only harmonises with UIS KL's emphasis on inquiry-based learning and teaching, but also perfectly fits our Vision and Mission to develop future leaders and inspire global citizens through 21st century education.

#### **Learning process adopts the following sequence:**



The IEYC allows our youngsters to explore, express and experiment, to play and perform, and to express their learning and understanding through technology, learning toys and other educational sources.

IEYC flows seamlessly into the International Primary Curriculum (IPC), used in our Primary School, with its emphasis on learning goals, personal goals and international goals all wrapped up in thematic units of learning.

#### How do we teach the IEYC?

The IEYC is built around four Learning Strands that underpin all learning and development:



Independence & Interdependence



**Communicating** 



**Enquiring** 



Healthy Living & Physical Wellbeing



## PRIMARY SCHOOL CURRICULUM

#### **(Years 1-6)**

In the primary school, students follow the Cambridge Primary Curriculum comprising English, Mathematics and Science. The IPC is a comprehensive, thematic, creative curriculum with a clear process of learning and with specific learning goals for every unit. These learning goals include:

#### **Subject Goals:**

The IPC subjects include information and computing technology, history, geography, music, physical education and art. All have the objective to cover not only the knowledge, but also key skills and understanding relating to the subjects studied.

#### **International Goals:**

Each thematic IPC unit includes an international aspect with the goal to develop a sense of international mindedness in the students.

#### **Personal Goals:**

Students focus on eight personal learning goals as part of their learning. These are: enquiry, resilience, morality, communication, thoughtfulness, cooperation, respect and adaptability.

Beyond Cambridge and IPC, stand-alone Information and Communication Technology (ICT), Makerspace, Mandarin and Bahasa Malaysia classes are also taught. The curriculum sets clear learning objectives and focuses on developing knowledge and skills in all of the subjects, providing an excellent foundation for the next stage of education.





## SECONDARY SCHOOL CURRICULUM

#### (Years 7-11)

The secondary school curriculum is divided into two stages: Cambridge Lower Secondary (years 7-9) and Cambridge IGCSE (years 10 and 11). The lower secondary programme is designed to be broad and balanced, while in years 10 and 11, students follow the more intensive two-year IGCSE exam curriculum.

Additionally, the Cambridge syllabus develops learners who are:

- confident in working with information and ideas their own and others'
- responsible for themselves, responsive to and respectful of others
- · reflective towards their own learning and actions
- innovative and empowered to handle 21st-century challenges
- engaged intellectually and socially, and prepared to make a difference

The Cambridge IGCSE examinations create a direct pathway to A-Levels, the IB Diploma, and other international pre-university programmes. Furthermore, the curriculum is designed to help improve performance by developing skills in creative thinking, enquiry and problem solving. The Cambridge IGCSE develops learner knowledge, understanding and skills in:

- Intellectual enquiry
- Working and communicating in English
- · Cultural awareness
- · Flexibility and responsiveness towards change
- · A wide and balanced variety of subjects
- Applying knowledge and understanding in different situations
- Influencing outcomes



## **English Immersion Programme (EIP)**

Being new to an international environment can be very challenging, not to mention learning school subjects in English when it's a foreign language. We are ready to help our international students unlock their learning potential and achieve success in an international setting through improvement of their English proficiency and boosting their confidence!

Our experienced English immersion teacher will provide full guidance in learning fundamental English skills (speaking, reading, writing and listening), whilst also focusing on language which connects to our IPC and Cambridge curricula.

Joining the EIP means studying in a school with globally-recognised international curricula, multinational teachers and classmates, a state-of-the-art campus and a wide range of co-curricular activities. In addition, the weekly timetable will include PE, swimming, music, maker-space and ICT, all adding up to a fully immersive UIS English experience. This programme is open to Upper Primary students (aged 8-10) and Lower Secondary students (aged 11-14) from anywhere in the world!













# A Full Boarding Experience







Boarding schools have long been considered to be of great value, especially for those parents who want their children to stay in a disciplined and well-maintained atmosphere. At UCSI International School KL, boarding students are under the guardianship of a House Parent to ensure the optimum care of each student. Students will be engaging in activities and trips during the weekends. We protect the safety of our students by having 24 hour security personnel monitoring the campus and the school is under CCTV surveillance.

At UCSI International School, we believe sharing, camaraderie and teamwork are necessary values to succeed in life, and our boarding programme supports the development of these values. We believe that boarding is an education in and of itself, which is why we provide an attractive campus setting and exceptional facilities to ensure a conducive learning environment for our students.

#### **ACCOMMODATION**

- Double room with an ensuite bathroom
- Bed with linens and pillow
- Wardrobe
- Bedside table
- Recreational lounge
- Pantry

#### **MEALS**

- Breakfast
- Morning tea break
- Lunch
- Dinner

#### OTHER SERVICES PROVIDED

- Laundry
- Transportation
- On-campus Wi-Fi

#### We are

## Malaysia's First Finnish Experience Flagship School!



#### **Eduten Playground**

Eduten Playground delivers a carefully crafted learning environment that leverages gamification, differentiation, easy goal setting and many other methods. Eduten Playground also provides students with a well-established exercise library that has been co-designed and validated by thousands of Finnish teachers, which comes with ready-made weekly mathematics exercise programmes for students aged between 6 and 15.





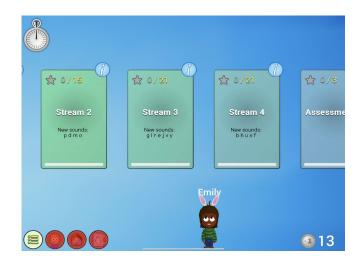
As part of this evolutionary leap in educational needs, UCSI International School (UIS) Kuala Lumpur is proud to announce that the school has been inducted as the first Finnish Experience Flagship School in Malaysia. Through this holistic partnership, UIS KL has introduced four new tech-based modules: **Code School Finland, Eduten Playground, GraphoGame, and School Day** to provide a truly 21st century learning experience for all students. The inclusion of these modules is designed to inculcate skills such as coding, gamification, robotics, computer science, communication, creativity, critical thinking, emotional intelligence in students, and preparing them for the ever-changing 21st century world.



#### **Code School Finland**

Code School Finland provides training, lesson plans and teaching materials for programming and robotics in primary education. In today's era of artificial intelligence (AI) and automation, coding has increasingly become one of the biggest trends in the education sector.

Learning to code will improve your child's chances of a lucrative career in STEAM. In addition to that, robotics in education as a movement is gaining momentum worldwide. Robotics for students is an exciting and hands-on way to learn STEAM's concepts by allowing them to build robots on their own. Through this programme, our students will learn programming, problem-solving, decision making and many more skills that can help enhance their abilities to develop creative thinking, while preparing them for future challenges.





#### **GraphoGame**

GraphoGame focuses on literacy teaching and phonemes, the sound of a letter (/k/ instead of letter name "kay"). After mastering all the letter-sound connections, students combine the sounds to make syllables, and eventually words. Teaching starts with the easiest units of speech, advancing to challenging syllables and finally complicated words, which can be classified as the synthetic approach.

This app is designed to enthral our students with fun features. Taking inspiration from role-playing games, our students create their own avatar that grows with them, which in turn gives our students a sense of ownership in their learning.

By earning in game rewards, it gives our students incentives to learn and improve through every level. In addition to that, the app also collects valuable insights on students' progress, while also supporting literacy and dyslexia interventions by helping teachers identify if - and where - they require further support.



#### **School Day**

School Day combines kindness with unique AI to deliver pedagogical support that improves social-emotional learning and wellbeing. Their aim is to help schools and school districts to achieve better wellbeing and higher results.



School Day also serves as an act of empathy that gives an equal voice to all students in the classroom. School Day gets proactive insight by staying on the pulse of how students are feeling, and their wellbeing is developing to make better pedagogical decisions.



# Apple Education Technology & Resources

Supported by Apple's technology, teaching tools, and education resources including creativity and coding curricula, UIS KL aims to transform primary and secondary education systems to prepare the next generation for the ever-changing 21st century!

#### **Everyone Can Create**

The projects in the *Everyone Can Create* curriculum teach students to develop and communicate ideas through video, photography, music, and drawing. They help ignite creativity by giving teachers fun and meaningful ways to bring these skills into any lesson, at any grade level.

- · Create with Drawing
- · Create with Photo
- · Create with Videos
- Create with Music





#### **Everyone Can Code**

The *Everyone Can Code* curriculum guides students through Swift Playgrounds, an app that teaches coding language to kids through a world of interactive puzzles and playful characters, while allowing them to develop their own their own app!



# The EdTech Centre @ UCSI International School Kuala Lumpur



The EdTech Centre @ UIS KL is a one-stop technology and learning hub to enable students, teachers, parents and the community to interact with one another on the growing importance of 21st century skills. These skills, among others, consist of creativity, collaboration, communication and critical thinking by leveraging emerging digital technologies to increase the reach and impact of education. This platform is set to redefine the outcomes of youth and to heighten the quality of education for students across the board.

Through The EdTech Centre, teachers utilise the available tools to bring relevant technology into the teaching and learning process. Some of the many exciting resources include a Video Production Room, Music Recording Studio, Audio Production Lab and Extended Reality Station. In essence, this promotes a wholesome learning environment that is constantly engaging and relevant to the theme of 21st century skills. Training sessions and guest seminars focused on technology are some ways that The EdTech Centre will partner with parents and the community.

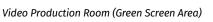
The establishment of The EdTech Centre is in line with UCSI Schools' vision to develop future leaders and inspire global citizens through 21st century education! We are excited to welcome you to The EdTech Centre and be part of the UCSI Community!



Video Production Room (Interview Area)









**Extended Reality Station** 



**Audio Production Room** 

Music Recording Studio

# Our Co-curricular Activities (CCAs)

At UCSI International School Kuala Lumpur, we offer a wide range of co-curricular activities which enable students to challenge themselves and grow physically, socially, emotionally and intellectually. There are ample opportunities for students to explore new interests while gaining valuable life skills, such as managing tasks, collaborating with others and developing a growth mindset.

#### **PRIMARY SCHOOL (Year 1-6)**





- Coding
- Robotics
- Makerspace Design
- · Board Games
- Film Making



#### Sports Activities

- Swimming
- Badminton
- Futsal
- · Table Tennis
- · Chess Academy
- Dodgeball
- · Basketball
- Taekwondo

#### **Cultural and Language**

- · Chinese Cultural Society
- Drama
- English Language Games
- Malay Language and Cultural Programme

#### **SECONDARY SCHOOL (Year 7-11)**



#### **Technology And Creativity**

- 3D Animation
- Coding: Beginners and Advanced
- Makespace Design
- Audio Production



#### **Sports Activities**

- Swimming
- Badminton
- Futsal
- Table Tennis
- · Chess Academy
- Basketball
- Taekwondo
- Cheerleading
- Basketball
- Volleyball



#### **Cultural and Language**

- Drama Club
- Mathematics Club
- · Bahasa Enrichment

Note: The above activities are subject to change. Some activities which require an external coach may have additional fees involved.



#### **School Days**

School Schedule	
Early Years Primary School (Year 1-6)	8.30am - 2.40pm 7.45am - 2.50pm
Co-curricular Activities (every Tuesday, Wednesday & Thursday)	3.00pm - 4.00pm
Secondary School (Year 7-11)	7.45am - 3.20pm
Co-curricular Activities (every Tuesday, Wednesday & Thursday)	3.30pm - 4.30pm

#### **Our Core Values**

#### **World-Class Education**

UCSI schools expose students to a world of knowledge through well-established holistic curricula, incorporating a modern international approach to teaching, learning, and skill-building.

#### **Global Citizenship**

UCSI schools develop global citizens and future leaders who have a keen sense of responsibility toward their communities by offering diverse cultural perspectives and meaningful learning opportunities.

#### **Individual Integrity**

UCSI schools emphasise virtues and values alongside academics. Students and staff strive to demonstrate innovation, self-expression, and diligence while maintaining respect, empathy, and honesty.

## **Our Facilities**

Our centrally located campus is a safe and welcoming space, designed to enhance students' learning experiences both in and out of the classroom. The facilities allow us to provide a range of activities, from sports to science experiments to performing arts.

#### **Laboratories**

- The EdTech Centre
- Makerspace Lab
- Coding and Robotics Lab
- Computer Lab
- Biology Lab
- Physics Lab
- Chemistry Lab
- Integrated Science Lab

#### **Studios**

- Art Studio
- Cooking Lab
- Performing Arts Studio
- Music Studio

#### **Sport**

- Swimming Pool
- Gymnasium
- Basketball Court
- Squash Court
- Volleyball Court
- Futsal Court
- Badminton Court



## **Experience 21st century learning in** our state-of-the-art campus!















Playground 🔕











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