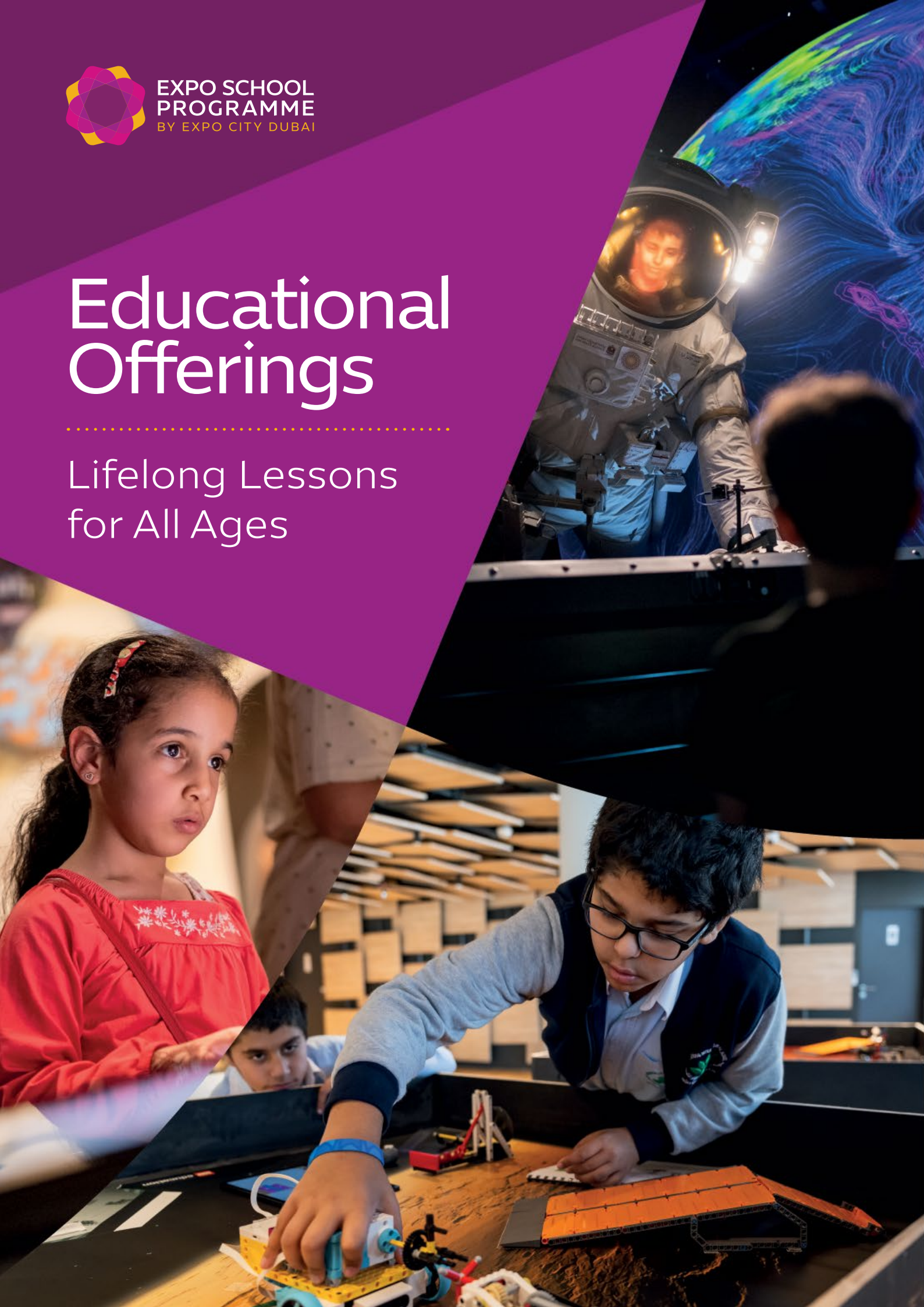




EXPO SCHOOL
PROGRAMME
BY EXPO CITY DUBAI

Educational Offerings

Lifelong Lessons
for All Ages





Discover, Imagine, Explore

Our immersive, future-focused programmes invite students to explore the ideas shaping our world—from sustainability and science to technology, culture, and innovation. Along the way, they build the skills, curiosity, and confidence to imagine solutions, and take action for a better tomorrow.

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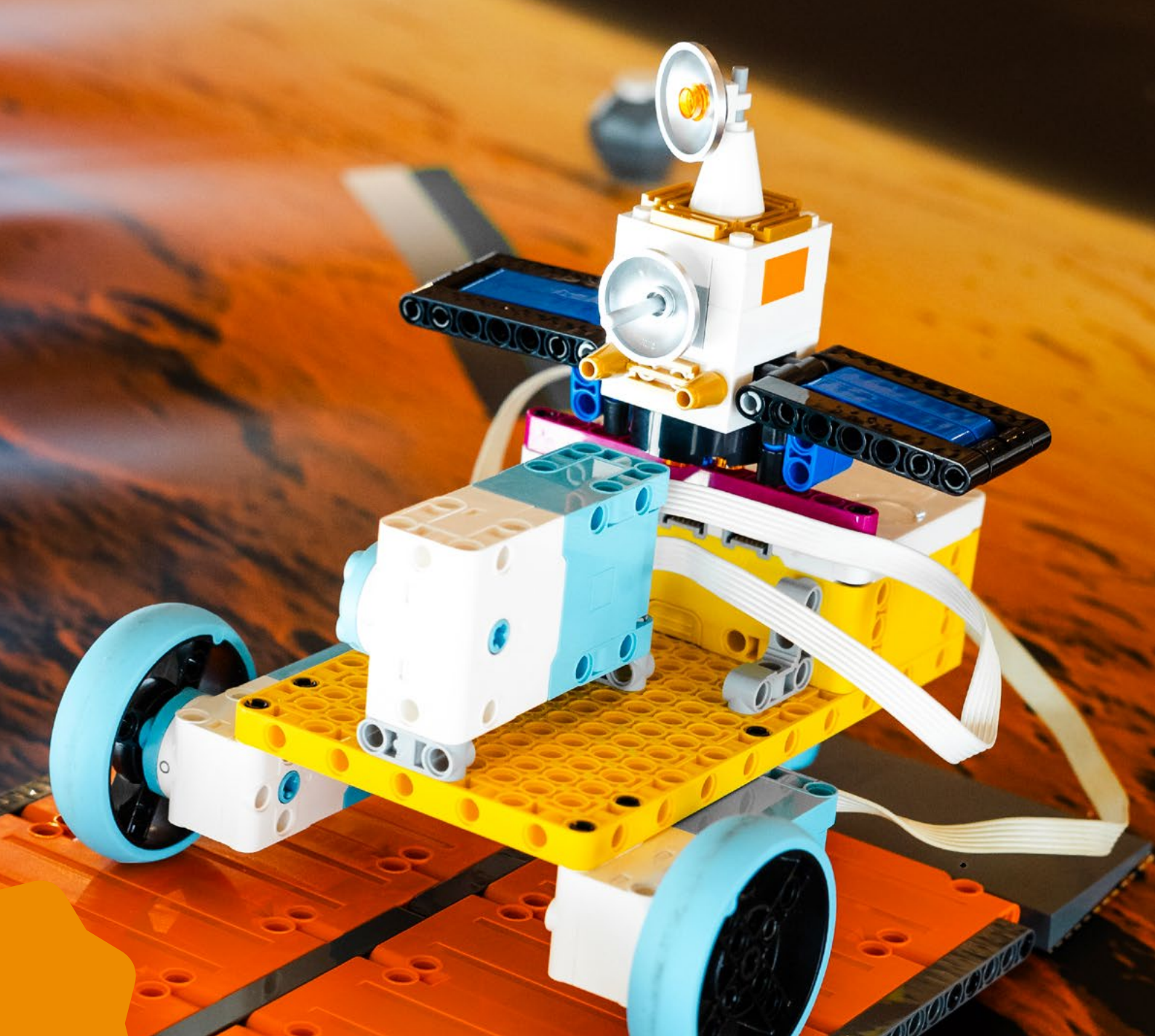
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Summary of Programming

			Recommended Grades				
Programme	Duration	Ages	Early Years	Primary School	Middle School	High School	University & Beyond
Workshops							
A Place to Live: Beena the Bee	45 min	4 to 6	✓				
A Place to Live: Hani the Hermit Crab	45 min	4 to 6	✓				
Water Works	60 min	7 to 12		✓	✓		
Waste Warriors	60 min	6 to 12		✓	✓		
The Hidden Web	60 min	7 to 12		✓			
Bee Detectives – Operation Pollination*	60 min	7 to 12		✓			
Diving for Treasures	45 min	4 to 10	✓	✓			
Robotics Programming	60 min	6 to 18		✓	✓	✓	
The Mars Rover Challenge	90 min	8+		✓	✓	✓	
Science Shows							
Would you rather...?	45 min	8+		✓	✓	✓	✓
Heroes of the Future	45 min	4 to 8	✓	✓			
Tours & Field Studies							
Net Zero Tour	60 min	12+			✓	✓	✓
Sustainable Architecture Tour*	60 min	12+			✓	✓	✓
Urban Biodiversity Field Studies at Terra*	3 to 4 hrs	14 to 18				✓	
Sustainable Planet Tour	120 min	12+			✓	✓	✓
Innovation & Technology Tour	120 min	12+			✓	✓	✓
Art, Architecture & Design Tour	120 min	12+			✓	✓	✓
From Sand to Space: Exploring Arab Civilization	120min	12+			✓	✓	✓
Upcoming Initiatives							
100 Hives			✓	✓	✓	✓	✓
Earth 2.0					✓		
NextGen World Majlis						✓	
FemTech Hackathon						✓	

*Seasonal: only available from October 15th, 2025 to April 30th, 2026



Workshops

Immersive workshops that spark imagination, problem-solving, and discovery.

A Place to Live: Beena the Bee



Ages
4 to 6



Duration
45 minutes



No. of students
Min: 15 Max: 30



Will you help Beena find her home? In this educational, storytelling-led workshop, students follow Beena the bee on an engaging journey to discover where she truly belongs. Along the way, they explore the idea that different animals need different habitats to survive. Students will help Beena find the right home and create a habitat that meets her needs.

What your students will achieve:

1. Define and discover multiple environments and habitats for different types of animals.
2. Examine the basic needs for animal survival (water, food, shelter).
3. Create visual scenes to show an ideal habitat to support bees.



STANDARD WORKSHOP

A Place to Live: Hani the Hermit Crab



Ages
4 to 6



Duration
45 minutes



No. of students
Min: 15 Max: 30



Ever wonder how you can save marine life? In this interactive workshop, students join Hani the Hermit Crab on a journey to find the perfect shell, discovering the impact of ocean pollution on marine habitats along the way. As they learn about the challenges Hani faces, students are inspired to take action by designing and building a new home for their new underwater friend.

What your students will achieve:

1. Recognise the effects of ocean pollution on marine life and habitats.
2. Design and create visual representations of ideal environments to support hermit crabs.
3. Build teamwork and collaboration skills through engaging, hands-on activities.



Waterworks



Ages
7 to 12



Duration
60 minutes



No. of students
Min: 15 Max: 30



Waterworks blends science inquiry, engineering design, data handling, and sustainability thinking in a fast, collaborative challenge, like real engineering practice. In this hands-on session, learners design and test water filters using a variety of materials. Using Terra's unique water sensors, students measure water clarity before and after filtration, compare results, and iterate to improve performance. Along the way, students explore why clean water matters locally and globally and how nature based systems inspire modern solutions.

What your students will achieve:

1. The ability to plan and build effective water filters using different materials to capture varying particle sizes.
2. Experience in measuring water clarity, recording results, and calculating reliable averages through repeated testing.
3. A practical understanding of fair testing, design iteration, and how to evaluate improvements.

Waste Warriors



Ages
6 to 12



Duration
60 minutes



No. of students
Min: 15 Max: 30



In this interactive workshop, students become Waste Warriors as they explore the impact of landfill on our environment and learn how to reduce waste. Through hands-on sorting and collaborative tasks, children develop a deeper understanding of sustainable choices. A key focus is composting, where students explore how natural materials decompose to form nutrient-rich soil. They apply this knowledge by layering their very own classroom composting bin, which will support plant growth and reduce waste back at school.

What your students will achieve:

1. A clear understanding of how landfill impacts our environment and practical steps to make a difference.
2. Real-world application of the 5Rs: Refuse, Reduce, Reuse, Recycle, and Rot.
3. Hands-on composting experience, plus a classroom composting bin to launch your school's waste-saving efforts.



The Hidden Web



Ages
7 to 12



Duration
60 minutes



No. of students
Min: 15 Max: 30



13
CLIMATE
ACTION



15
LIFE
ON LAND

Uncover the hidden life beneath our feet in this interactive workshop exploring mycelium, the underground network that connects plants, trees, and fungi. Through a hands-on role-play activity, students build a living model of a mycelium web, learning how ecosystems share nutrients, recycle matter, and stay in balance. A fun and memorable way to explore key science and ecology concepts.

What your students will achieve:

1. Understand the role of fungi and mycelium in ecosystems and nutrient cycles.
2. Build and explore a physical model to visualise underground ecological connections.
3. Develop teamwork and reasoning skills through scenario-based problem solving.



STANDARD WORKSHOP

Bee Detectives – Operation Pollination



Ages
7 to 12



Duration
60 minutes



No. of students
Min: 15 Max: 30



In the gardens of Terra, the bees have vanished and it's up to your students to find out why. Working in teams, they will explore real clues hidden across the landscape using magnifying glasses, pH paper, and ID guides. This fun, hands-on investigation builds science skills and supports curriculum topics like pollination, habitats, and biodiversity.

What your students will achieve:

1. Investigate real clues to understand what pollinators need to survive.
2. Use science tools to observe, record, and make decisions like real ecologists.
3. Work as a team to solve an environmental mystery through evidence and reasoning.

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STANDARD WORKSHOP

Diving for Treasure



Ages
4 to 10



Duration
45 minutes



No. of students
Min: 15 Max: 30

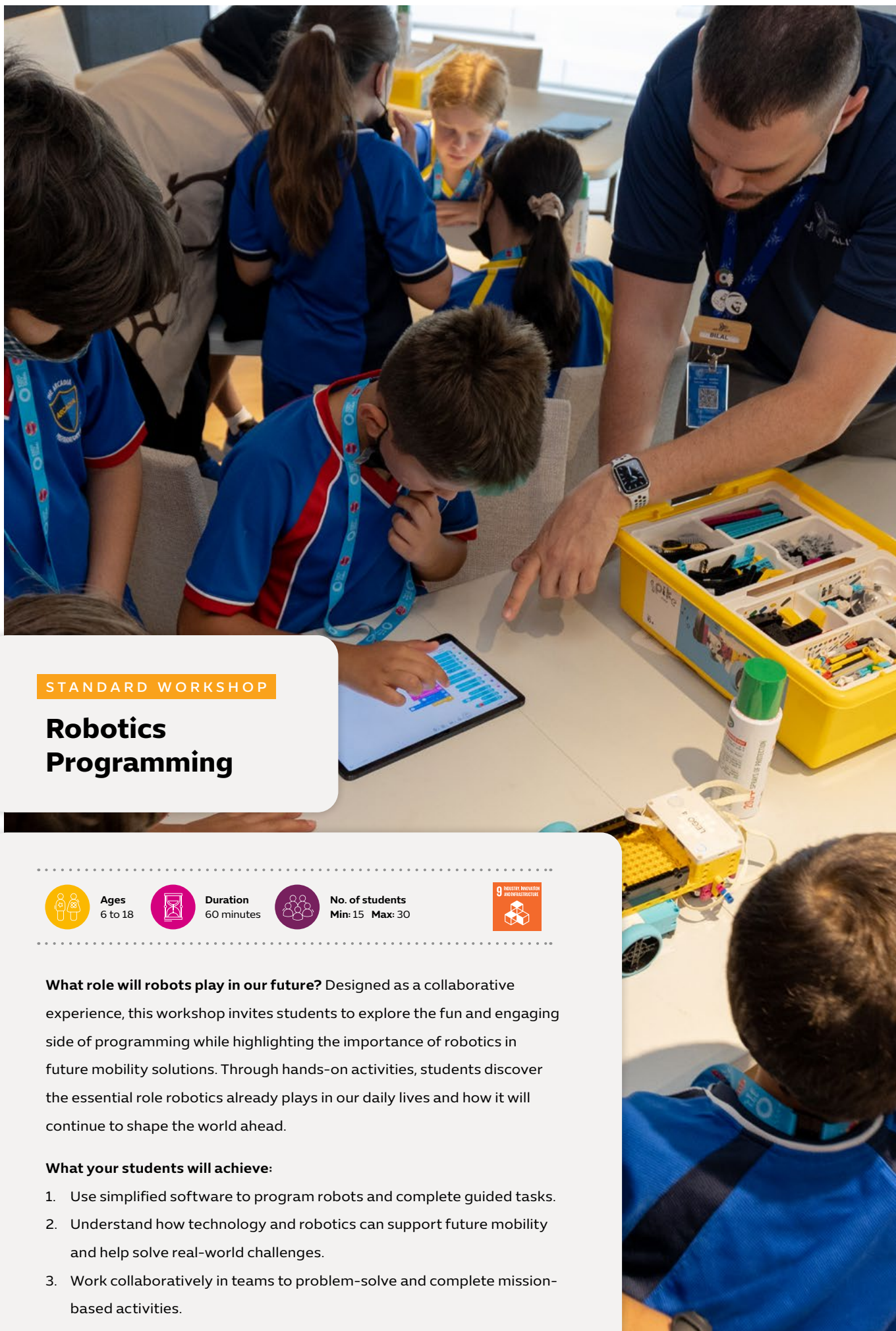


Who is ready to go on a unique adventure? Meet Abdullah the Pearl Diver, a lively puppet ready to take our young audience on an immersive journey in search of treasure. Through Abdullah's story, students will dive into an imaginary sea, where they will explore a series of games and delightful interactions in search of precious pearls while learning about pearling and its historic connection to the UAE.

What your students will achieve:

1. Recognise the unique features of pearls and the aquatic habitats they come from.
2. Develop an understanding of the cultural and historical significance of pearling in Emirati heritage.
3. Deepen their learning through imaginative, play-based exploration and storytelling.





STANDARD WORKSHOP

Robotics Programming



Ages
6 to 18



Duration
60 minutes



No. of students
Min: 15 Max: 30



What role will robots play in our future? Designed as a collaborative experience, this workshop invites students to explore the fun and engaging side of programming while highlighting the importance of robotics in future mobility solutions. Through hands-on activities, students discover the essential role robotics already plays in our daily lives and how it will continue to shape the world ahead.

What your students will achieve:

1. Use simplified software to program robots and complete guided tasks.
2. Understand how technology and robotics can support future mobility and help solve real-world challenges.
3. Work collaboratively in teams to problem-solve and complete mission-based activities.

Robotics: The Mars Rover Challenge



Ages
8+



Duration
90 minutes



No. of students
Min: 15 Max: 30



Ever programmed a space vehicle model? This experiential session challenges students' creativity, critical thinking, and programming skills as they redesign and customise the Alif Mars Rover. Working through a series of simulated real-world tasks, students explore how robots operate in complex environments while gaining insight into the vital role robotics plays in our daily lives.

What your students will achieve:

1. Build real-world coding confidence through programming LEGO Spike robots to solve practical, Mars-inspired challenges.
2. Enhance teamwork and critical thinking by collaborating to complete missions that simulate space exploration tasks.
3. Deepen STEM understanding with direct links to computing, science, and DT curricula, making abstract concepts tangible and exciting.

HEROES OF THE FUTURE

A woman with dark hair, wearing a black long-sleeved top with a green cape and a green eye mask, stands with her hands on her hips. She is positioned in front of a large, stylized backdrop. The backdrop features a green circular area with a dotted pattern, containing a yellow star and motion lines. Above this circle, the words "HEROES OF THE" are written in a bold, yellow, sans-serif font, and "FUTURE" is written in a larger, bold, yellow, sans-serif font. The background also includes a black silhouette of a city skyline with various skyscrapers and buildings. The overall scene is set against a blue sky with green radiating lines.

Science Shows

Big ideas take centre stage in our interactive science shows.

Would You Rather?



Ages
8+



Duration
45 minutes



No. of students
Min: 15 Max: 150



An interactive game show that gets students thinking critically about real-world environmental choices. Guided by a digital voting system, students explore the impact of everyday actions through science demonstrations and discussion. Journeying through air, water, and land pollution, the workshop links to science and sustainability curricula, encouraging informed decision-making, lively debate, and a final leaderboard to crown the ultimate eco-champion.

What your students will achieve:

1. Understand complex climate change issues through gamification.
2. Identify the effects humans have on the planet and steps to mitigate them.
3. Understand the roles people make to boost the safeguarding of the environment.





SCIENCE SHOW

Heroes of the Future



Ages
4 to 8



Duration
45 minutes



No. of students
Min: 15 Max: 150



Do you have what it takes to save planet Earth? Meet the Green Legend, a time-travelling superhero on a mission to equip the next generation with the knowledge they need to tackle today's climate challenges before it's too late. In this high-energy session, students join the Green Legend in a series of gamified climate change challenges, gaining the tools to become Air Smart, Water Smart, and Land Smart.

What your students will achieve:

1. Understand complex climate change issues through gamification.
2. Identify the effects humans have on the planet and steps to mitigate them.
3. Understand the roles people make to boost the safeguarding of the environment.



Tours & Field Studies

Guided journeys through innovation, sustainability, and culture.

Discovery Tours

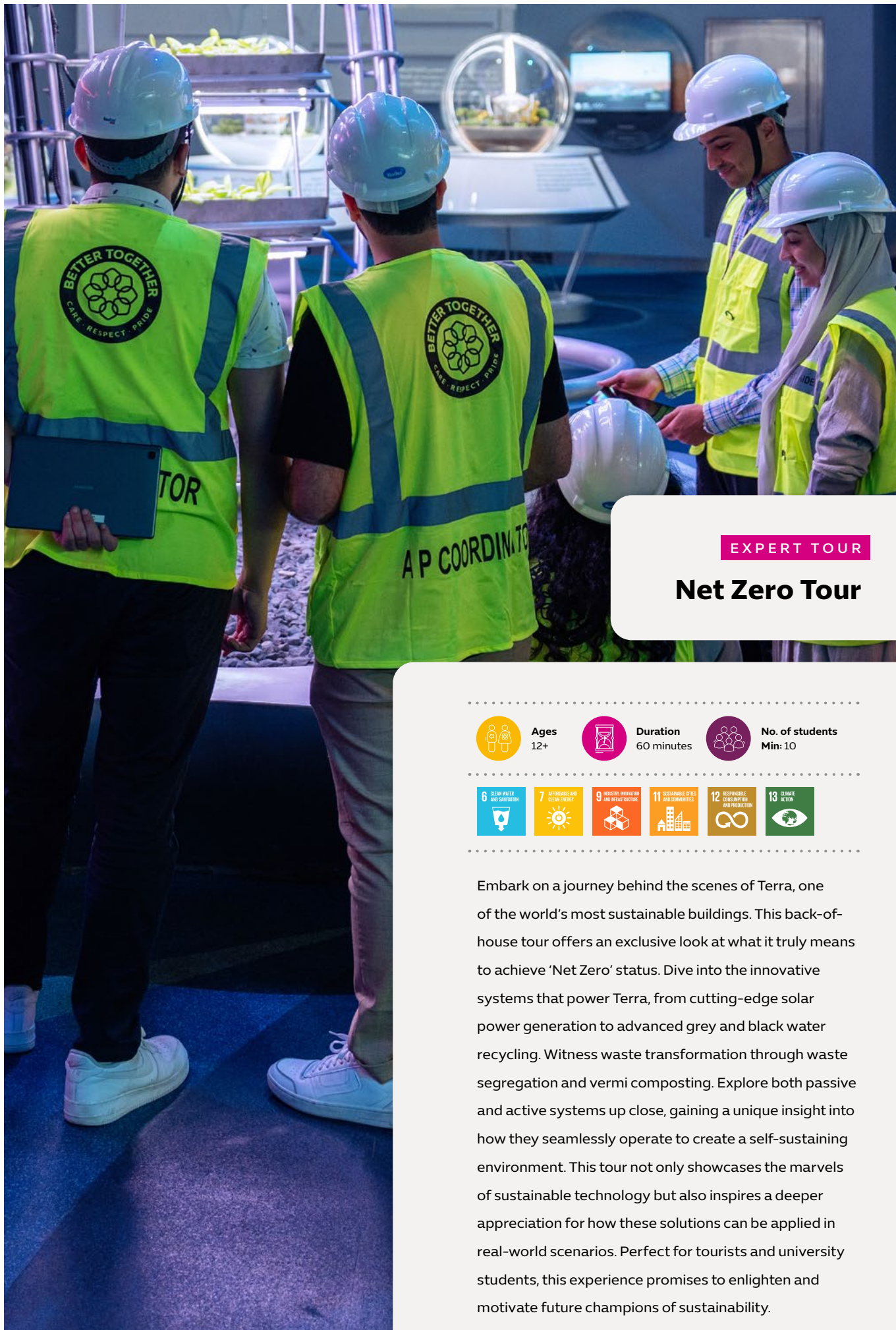
Led by a tour guide, these tours take students on an inspiring journey, with each experience sparking curiosity, and a deeper understanding of the challenges and opportunities shaping our future.

Expert Tours

Each tour is packed with expert insights, real-world context, and thought-provoking content designed to challenge and inspire. Through in-depth discussions, students gain a deeper understanding of how design, technology, and sustainability intersect to shape the future.

Field Study

A hands-on experience where students apply classroom knowledge in a real-world environment—carrying out investigations, collecting data, and exploring key concepts firsthand to bring theory to life.



EXPERT TOUR

Net Zero Tour



Ages
12+



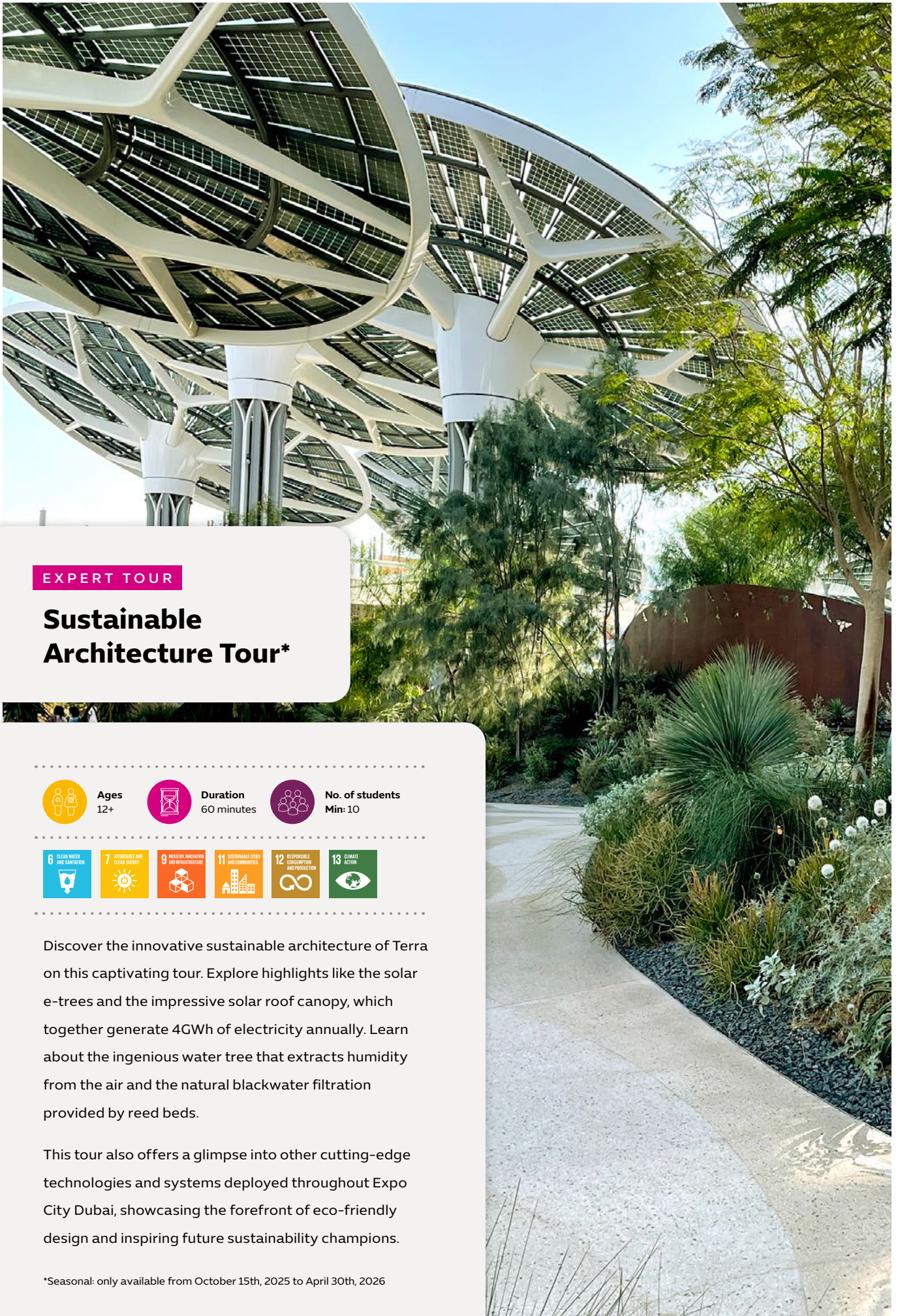
Duration
60 minutes



No. of students
Min: 10



Embark on a journey behind the scenes of Terra, one of the world's most sustainable buildings. This back-of-house tour offers an exclusive look at what it truly means to achieve 'Net Zero' status. Dive into the innovative systems that power Terra, from cutting-edge solar power generation to advanced grey and black water recycling. Witness waste transformation through waste segregation and vermi composting. Explore both passive and active systems up close, gaining a unique insight into how they seamlessly operate to create a self-sustaining environment. This tour not only showcases the marvels of sustainable technology but also inspires a deeper appreciation for how these solutions can be applied in real-world scenarios. Perfect for tourists and university students, this experience promises to enlighten and motivate future champions of sustainability.



EXPERT TOUR

Sustainable Architecture Tour*



Ages
12+



Duration
60 minutes



No. of students
Min: 10



Discover the innovative sustainable architecture of Terra on this captivating tour. Explore highlights like the solar e-trees and the impressive solar roof canopy, which together generate 4GWh of electricity annually. Learn about the ingenious water tree that extracts humidity from the air and the natural blackwater filtration provided by reed beds.

This tour also offers a glimpse into other cutting-edge technologies and systems deployed throughout Expo City Dubai, showcasing the forefront of eco-friendly design and inspiring future sustainability champions.

*Seasonal: only available from October 15th, 2025 to April 30th, 2026

FIELD STUDY

Urban Biodiversity Field Studies at Terra



Ages
14 to 18



Duration
3 to 4 hours



No. of students
Min: 10



Explore real-world urban ecology in action at Terra's sustainable gardens. This hands-on fieldwork session gives GCSE and A-Level Geography and Biology students the chance to carry out key sampling techniques, gather authentic data, and investigate biodiversity in a living, native-planted urban site. This is perfectly aligned with curriculum practical requirements and an engaging way to bring ecological theory to life.

What your students will achieve:

1. Practise and apply GCSE/A-Level fieldwork techniques, including transects and insect surveys.
2. Develop skills in data collection, species identification, and biodiversity analysis.
3. Understand urban ecosystems and their relevance to conservation and sustainability.

*Seasonal: only available from October 15th, 2025 to April 30th, 2026



DISCOVERY TOUR

Sustainable Planet Tour



Ages
12+



Duration
120 minutes



No. of students
Min: 10



Embark on a sustainability journey, unveiling the nature-based solutions and eco-friendly architectural designs that make Expo City Dubai a blueprint for sustainable urban living. Centred around Terra, visitors will go on an exclusive behind-the-scenes tour to discover cutting edge energy, water and waste systems, explore the inspiration behind the structure's iconic canopy and journey through exhibitions with a profound connection to the natural world. The Sustainability tour emphasises the intrinsic value of nature and the importance of the ecosystems we aim to preserve, inspiring and motivating visitors to make personal choices that support conservation efforts.



DISCOVERY TOUR

Innovation & Technology Tour



Ages
12+



Duration
120 minutes

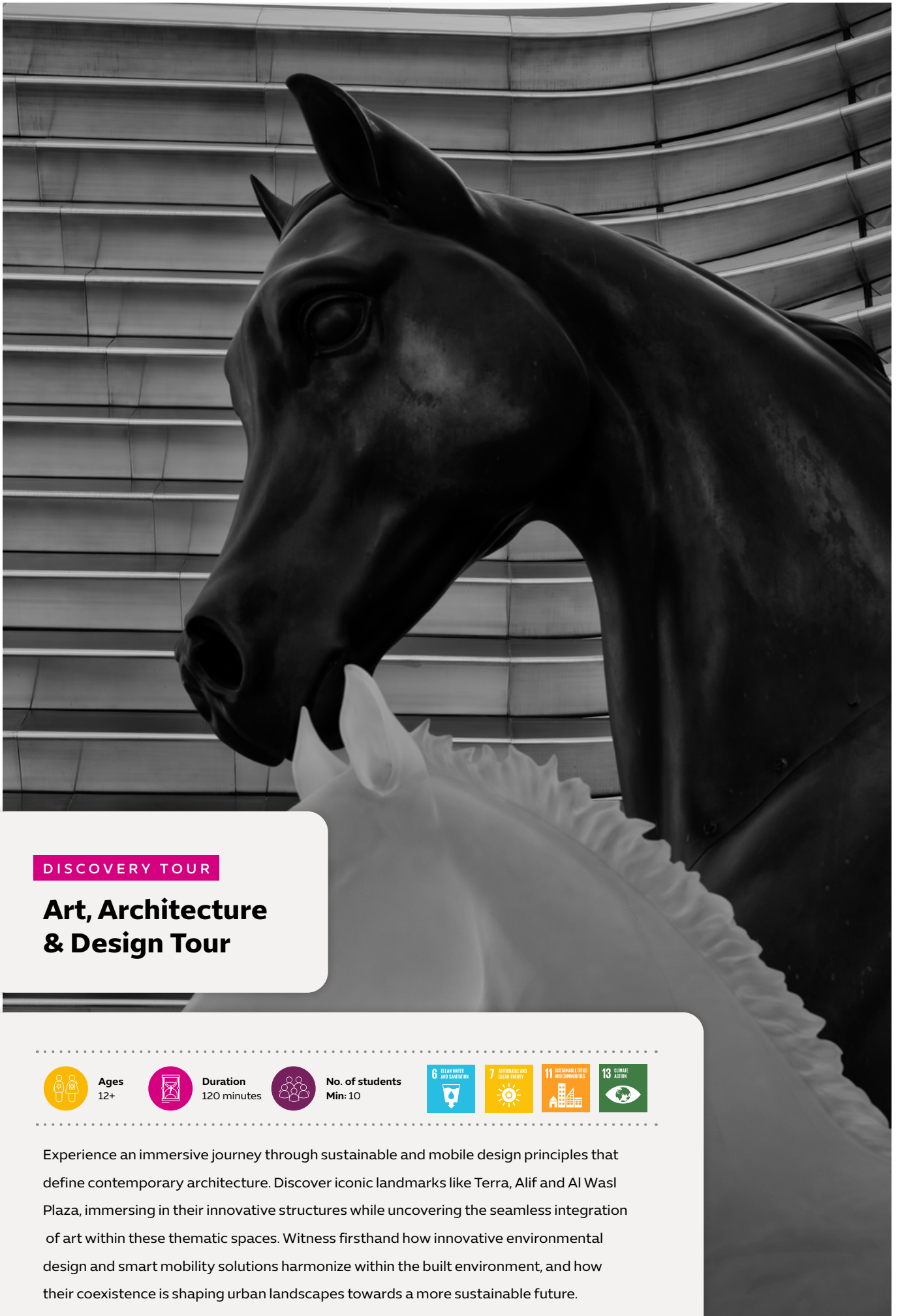


No. of students
Min: 10



Embark on a voyage into the future on the Innovation and Technology Tour of Expo City Dubai. Experience the essence of innovation at Alif, as we are transported through time and across new horizons, to discover how technology has driven human progress and enabled our ever-growing desire to break new frontiers and redefine the way we move and connect.

Venture into the pulsating heart of Expo City at the Al Wasl Plaza 360 projection dome, where innovation converges with inspiration to shape tomorrow's world. From there, dive into the architectural marvels of sustainability at Terra, where innovation is driven by ancestral knowledge, inspiration from the natural world, and technology, to create a greener more sustainable tomorrow.



DISCOVERY TOUR

Art, Architecture & Design Tour



Ages
12+



Duration
120 minutes



No. of students
Min: 10



Experience an immersive journey through sustainable and mobile design principles that define contemporary architecture. Discover iconic landmarks like Terra, Alif and Al Wasl Plaza, immersing in their innovative structures while uncovering the seamless integration of art within these thematic spaces. Witness firsthand how innovative environmental design and smart mobility solutions harmonize within the built environment, and how their coexistence is shaping urban landscapes towards a more sustainable future.



DISCOVERY TOUR

From Sand to Space: Exploring Arab Civilization



Ages
12+



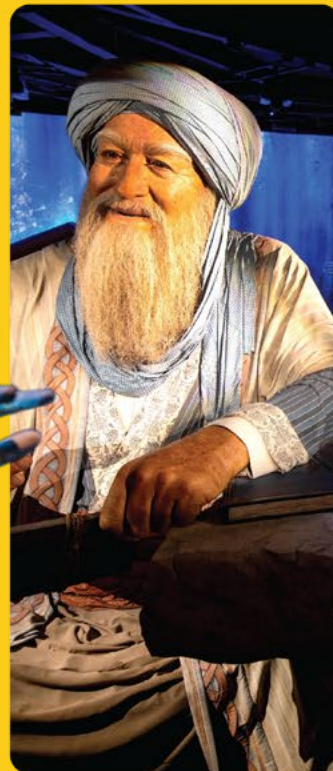
Duration
120 minutes



No. of students
Min: 10



Arab World have shaped the world as we know it today and in the future. At the Vision Pavilion, witness the remarkable evolution of Dubai, from a humble desert village to a thriving international hub, as envisioned by His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai. Here, an emotional journey offers a glimpse into the influences that transformed a young boy into a visionary leader. At Alif, we go on a journey of human progress, exploring the Arab civilizations and the innovations and knowledge of the times shaped the development of the World, continuing in the present and charting the path for the future. Visitors will take a closer look at the Arab world's giants of mobility, whose innovations remain globally pertinent, and be inspired to follow in the footsteps of these historical figures to create a better tomorrow.



Attractions Pass

The one-day Attractions Pass offers unbeatable value, granting visitors access to all of Expo City Dubai's exciting venues for a full day of exploration and discovery, making it the ultimate way to experience everything Expo City Dubai has to offer.

The attractions pass gives visitors access to the below venues:

Terra

ألف ALIF

الرؤية
VISION
PAVILION

Short on time? Ask your sales representative about single entry tickets for your students!

School Initiatives

Stay Connected. Stay Inspired.

Explore a range of curated initiatives for all age groups featuring workshops, events, and off-site projects focused on global challenges and solutions. Whether you're an individual or an organization, join world-class experts and Expo City Dubai partners in shaping a better future.



FEATURED INITIATIVE:

Hundred Hives

Install beehives at your own school as part of this world-first sustainability and pollinator programme.





FEATURED INITIATIVE:

Earth 2.0

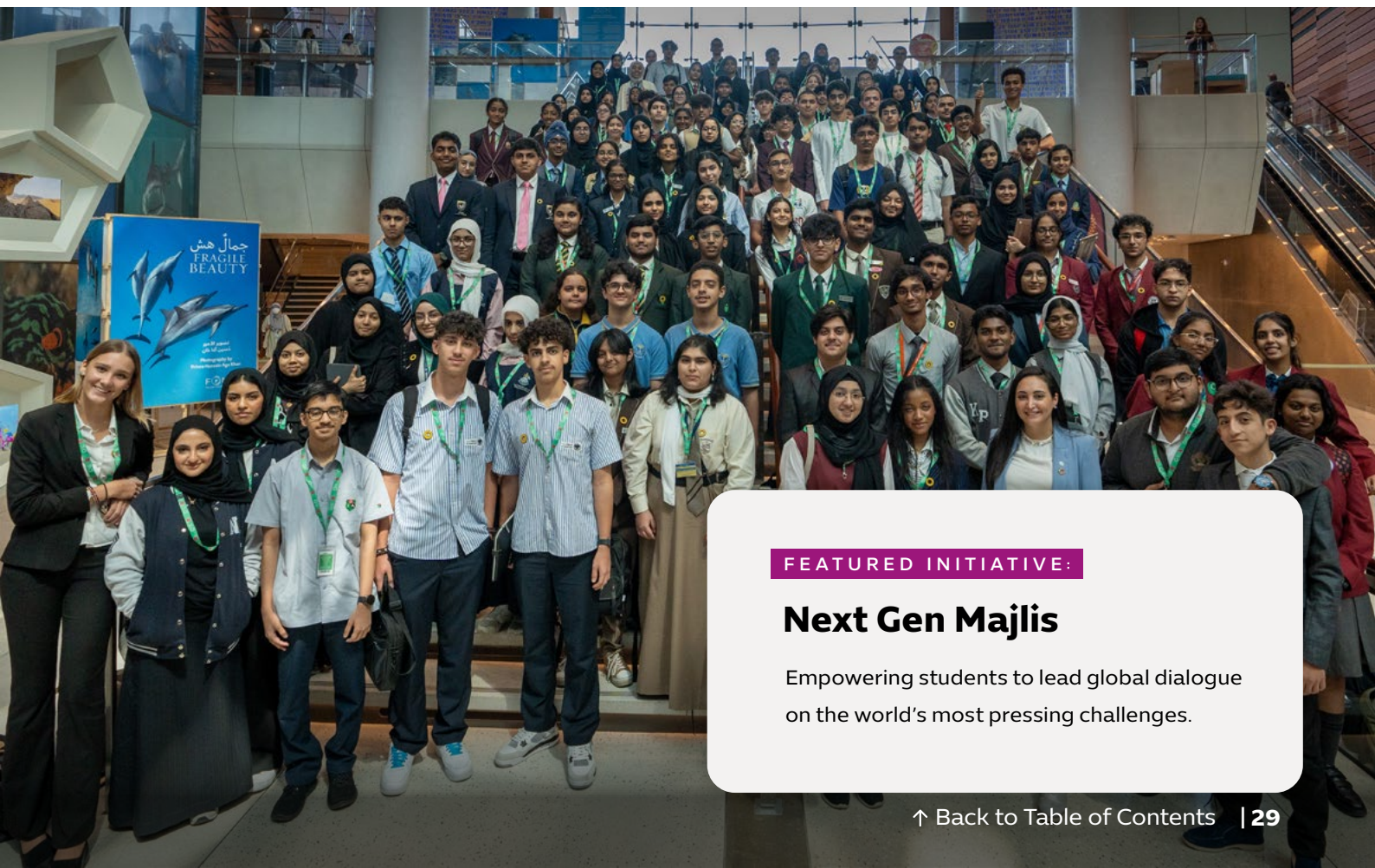
Earth 2.0 is a captivating 2 day journey that empowers young minds to explore the thrilling quest for habitable worlds beyond our solar system.

This immersive, hands-on program combines topics such as exoplanet discovery, deep space exploration, robotics. Students will sketch and visually present their own creative vision for a sustainable settlement on Earth 2.0, turning imagination into reality and solving space exploration challenges.

Objectives:

1. Ignite Curiosity: Explore the concept of Earth-like planets beyond our solar system.
2. Foster Critical Skills: Build teamwork, creativity, and problem-solving through engaging activities.
3. Empower Innovation: Apply knowledge to sketch futuristic, sustainable space solutions.





FEATURED INITIATIVE:

Next Gen Majlis

Empowering students to lead global dialogue on the world's most pressing challenges.

FEATURED INITIATIVE:

FemTech Hackathon

High school-led innovations tackling key issues in women's health and wellbeing.





Food & Beverage

Select from pre-ordered student meals, or enjoy one of our restaurants, food trucks or kiosks across the site.

Ask your sales representative for the latest options at Expo City Dubai for your students!

Souvenirs & Retail

Explore our exclusive range of sustainable school products designed to inspire both learning and environmental responsibility! From eco-friendly notepads, pencils, tote bags, and water bottles to inspiring scholars such as Ibn Rushd, Ibn Battuta story books and many more.

For more details, please contact your school representative.

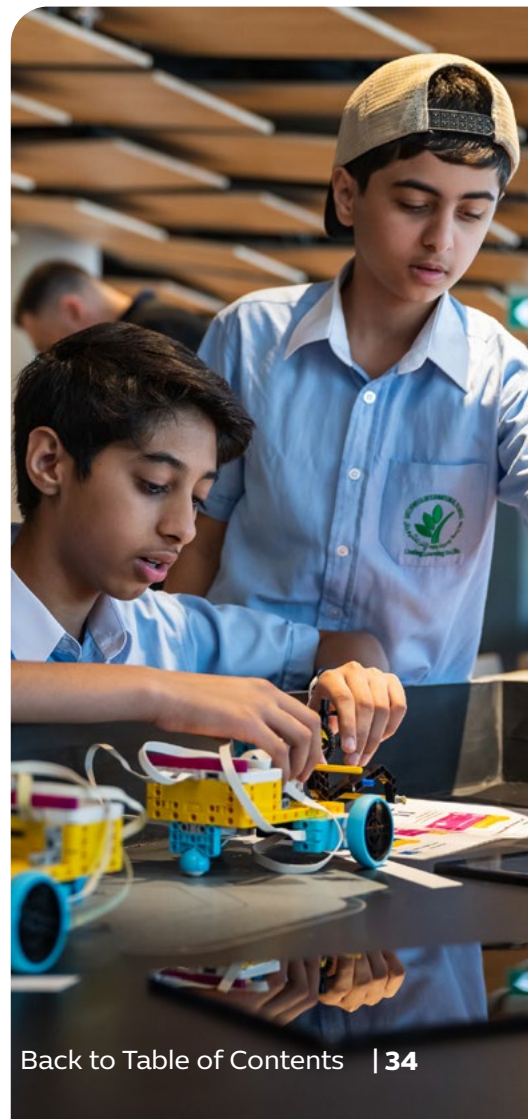


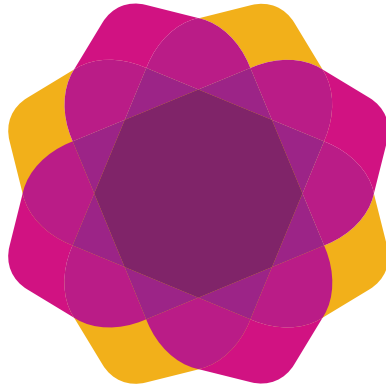


How to Book

Ready to book your school visit?
Here's how to get started:

1. Explore our full range of educational programmes at **education.expocitydubai.com/en**
2. Email us at **education@expocitydubai.ae** with:
 - Chosen programme
 - Number of students and adults
 - Preferred visit date
 - Meal requirements (if any)
3. Our team will be in touch to guide you through the booking process.





EXPO SCHOOL PROGRAMME

BY EXPO CITY DUBAI



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