Educational Offerings

Where Learning Comes to Life

Terra

Discover, Imagine, Explore

Through Terra Education, learning comes to life with immersive experiences that connect classroom learning to real-world ideas, challenges, and opportunities

Aligned with a wide range of curriculum frameworks and learning outcomes, our programmes explore topics such as pollinators and ecosystems, biodiversity, marine and desert habitats, climate action, resource management, architecture, urban development, culture, and the future of sustainable cities.

Through hands-on learning, guided exploration, and meaningful discussion, students develop the knowledge, skills, and curiosity needed to apply their learning beyond the classroom and better understand the world around them.

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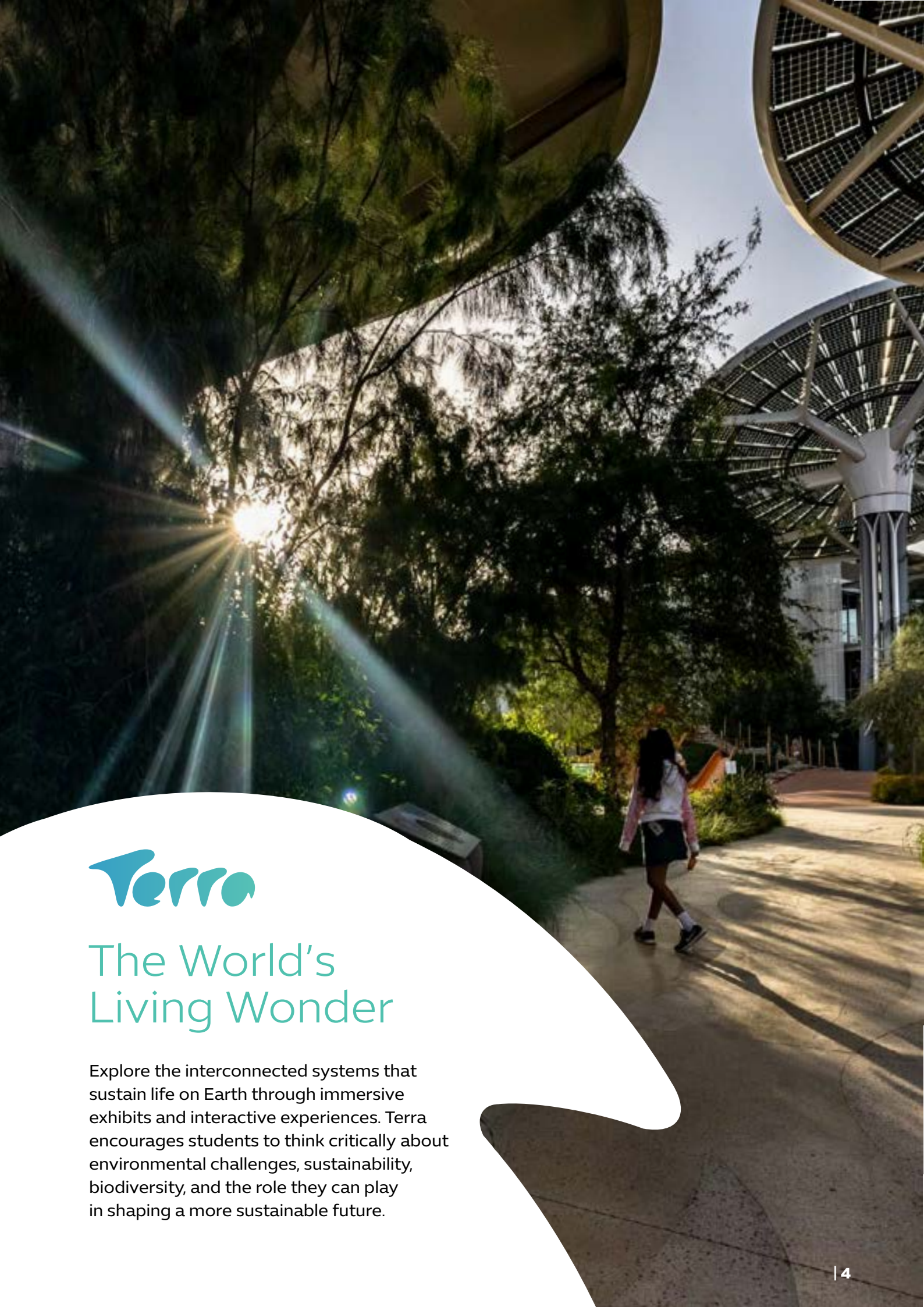


The World's Living Wonder

Explore the interconnected systems that sustain life on Earth through immersive exhibits and interactive experiences. Terra encourages students to think critically about environmental challenges, sustainability, biodiversity, and the role they can play in shaping a more sustainable future.

VISION
DUBAI

Discover Dubai's remarkable transformation from a small trading port to a global city through immersive storytelling and engaging multimedia experiences. Students explore themes of innovation, leadership, culture, and ambition while gaining insight into the vision that continues to shape the UAE.

Summary of Programming

Programme	Duration	Ages	Recommended Grades: Early Years	Primary School	Middle School	High School	University & Beyond
Experiences							
Bee Experiences							
A Place to Live: Beena the Bee	90 min	4 to 6	✓				
The Story of the Terra Bees	90 min	7 to 9		✓			
Bee Detectives - Operation Pollination*	90 min	9 to 12		✓	✓		
The Great Terra Bee Robbery	90 min	9 to 12		✓	✓		
Water Experiences							
A Place to Live: Hani the Hermit Crab	90 min	4 to 6	✓				
Water Works	90 min	7 to 12		✓	✓		
Marine Biodiversity in the UAE	90 min	9 to 12		✓	✓		
Ecological Experiences							
Desert Biodiversity in the UAE	90 min	9 to 12		✓	✓		
Waste Warriors	90 min	6 to 12		✓	✓		
The Hidden Web	90 min	7 to 12		✓	✓		
Terra Detectives	90 min	9 to 12		✓	✓		
Urban Biodiversity Field Studies at Terra*	120 mins	14 to 18				✓	
Cultural Experiences							
Diving for Treasures	90 min	4 to 10	✓	✓			
Innovation Experiences - Coming Soon							
Science Shows							
Would you rather...?	45 min	9+		✓	✓	✓	✓
Heroes of the Future	45 min	4 to 8	✓	✓			
Tours							
Net Zero Tour	60 min	12+			✓	✓	✓
Sustainable Architecuture Tour*	60 min	12+			✓	✓	✓
Sustainable Planet Tour	120 min	12+			✓	✓	✓
Art, Architecture & Design Tour	120 min	12+			✓	✓	✓
School Initiatives							
Hundred Hives			✓	✓	✓	✓	✓
NextGen World Majlis						✓	
FemTech Hackathon						✓	
Live at the Hive (online event)			✓	✓	✓	✓	✓

**Seasonal: only available from October 12th, 2026 to April 30th, 2027*

Experiences

Immersive learning experiences that inspire curiosity, critical thinking, and real-world exploration.

Our experiences have evolved beyond traditional workshops to offer immersive, curriculum-linked learning experiences. Combining facilitated activities with specially curated tours and attraction-based exploration, they enable students to engage more deeply with real-world themes through discussion, investigation, and hands-on learning.

TICKET TYPE: **DISCOVERY**

Place to Live: Beena the Bee

Ages: 4 to 6

Duration: 90 minutes

No. of students **Min:** 15

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, before meeting the Terra Bees.

Tour included:
Explore Under the Forest and discover how plants, pollinators, and wildlife depend on one another to thrive.

What will your students achieve?

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

TICKET TYPE: **DISCOVERY**

The Story of the Terra Bees

Ages: 7 to 9

Duration: 90 minutes

No. of students **Min:** 15

What happens when nature and cities collide? In this interactive, story-led writing workshop, students uncover the real journey of Terra's bees — discovered during the construction of Terra, safely relocated to The Sustainable City, and eventually welcomed back into Terra's thriving pollinator gardens. Along the way, students explore the vital role pollinators play in ecosystems and investigate how humans can design spaces where both wildlife and people can flourish together. Through hands-on activities and creative challenges, students discover how even small actions can help protect biodiversity in urban environments.

Tour included:
Explore from Under the Forest and meet the Terra Bees as students uncover the connections between pollinators, ecosystems, and life on Earth.

What will your students achieve?

- Understand the important role bees and pollinators play in ecosystems and food systems.
- Identify the key features pollinators need to survive, including food, water, shelter, and safe habitats.
- Communicate ideas for pollinator-friendly spaces using nature-positive thinking and explore how urban development can impact wildlife and habitats.

BEE EXPERIENCE

TICKET TYPE: **PREMIUM**

Bee Detectives - Operation Pollination*

Ages: 9 to 12

Duration: 90 minutes

No. of students **Min:** 15

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.

***Seasonal:** only available from October 12th, 2026 to April 30th, 2027

Tour included:
Explore Under the Forest and meet the Terra Bees to investigate the vital role pollinators play in maintaining healthy ecosystems.

What will your students achieve?

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

TICKET TYPE: **PREMIUM**

The Great Terra Bee Robbery

Ages: 9 to 12

Duration: 90 minutes

No. of students **Min:** 15

Can your students crack the case before time runs out? In The Great Terra Bee Robbery, students become environmental detectives, working in teams to solve the mystery of Terra's stolen bees. Along the way, they crack codes, analyse clues, examine bee samples under microscopes, decode secret messages, and even learn the bee waggle dance. As they investigate, students discover the vital role of pollinators, explore Terra's bee species, and learn why bees are essential for food production, biodiversity, and healthy ecosystems. A fast-paced, hands-on adventure that combines science, teamwork, and problem-solving.

Tour included:
Explore Under the Forest and meet the Terra Bees as students discover the interconnected ecosystems that depend on pollinators to survive and thrive.

What will your students achieve?

- Explore the ecological importance of bees and pollinators in maintaining healthy ecosystems.
- Develop teamwork, communication, and critical thinking skills through collaborative challenges.
- Investigate bee behaviour, habitats, and adaptations through immersive environmental enquiry.

In partnership with:

Nature Wave Connect

BEE EXPERIENCE

WATER EXPERIENCE

TICKET TYPE: **PREMIUM**

Place to Live: Hani the Hermit Crab

Ages: 4 to 6

Duration: 90 minutes

No. of students **Min:** 15

Tour included:
Dive Under the Ocean to explore the habitats, adaptations, and challenges facing marine life.

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 will your students achieve?

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

TICKET TYPE: **PREMIUM**

Water Works

Ages: 7 to 12

Duration: 90 minutes

No. of students **Min:** 15

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.

Tour included:
Dive Under the Ocean to discover the importance of water systems and the impact of human actions on aquatic environments.

What will your students achieve?

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

WATER EXPERIENCE

TICKET TYPE: **PREMIUM**

Marine Biodiversity in the UAE

Ages: 9 to 12

Duration: 90 minutes

No. of students **Min:** 15

Dive beneath the surface and uncover the hidden systems that keep the UAE's marine ecosystems alive. In this interactive workshop, students explore the rich biodiversity of the Arabian Gulf and discover how marine habitats - including coral reefs, mangroves, seagrass meadows, and open ocean environments - are connected through complex ecological relationships. Through hands-on activities, food web investigations, and collaborative challenges, students examine how energy, nutrients, and species interact to maintain balance within marine ecosystems, and explore the impacts humans can have on these fragile environments.

Tour included:
Dive Under the Ocean and explore the interconnected marine ecosystems and species that support life beneath the surface.

What will your students achieve?

- Discover the key marine habitats and species found in the UAE.
- Explore food webs, interdependence, and ecological systems within marine ecosystems.
- Understand the role of coral reefs, mangroves, and seagrass meadows in supporting biodiversity.

TICKET TYPE: **PREMIUM**

Desert Biodiversity in the UAE

Ages: 9 to 12

Duration: 90 minutes

No. of students **Min:** 15

Step into the remarkable world of the UAE desert and uncover the hidden systems that allow life to thrive in one of the planet's most extreme environments. In this immersive workshop, students explore the biodiversity of desert ecosystems and investigate how plants, animals, insects, and microorganisms are interconnected through food webs, adaptations, and ecological relationships. Through hands-on activities and collaborative investigations, students discover how desert species survive intense heat, scarce water, and shifting landscapes, while exploring the delicate balance that sustains life across the UAE's arid environments.

Tour included:
Explore Under the Forest and discover how living things adapt, interact, and depend on one another within complex ecosystems.

What will your students achieve?

- Discover the unique plants, animals, and pollinators that inhabit UAE desert ecosystems.
- Explore food webs, ecological relationships, and systems within desert environments.
- Understand the adaptations that help desert organisms survive extreme conditions.

ECOLOGICAL EXPERIENCE

TICKET TYPE: **PREMIUM**

Waste Warriors

Ages: 6 to 12

Duration: 90 minutes

No. of students **Min:** 15

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.

Tour included:
Explore Under the Forest and the Hall of Consumption to discover how everyday decisions influence waste, resources, and the health of our planet.

What will your students achieve?

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

TICKET TYPE: **DISCOVERY**

The Hidden Web

Ages: 7 to 12

Duration: 90 minutes

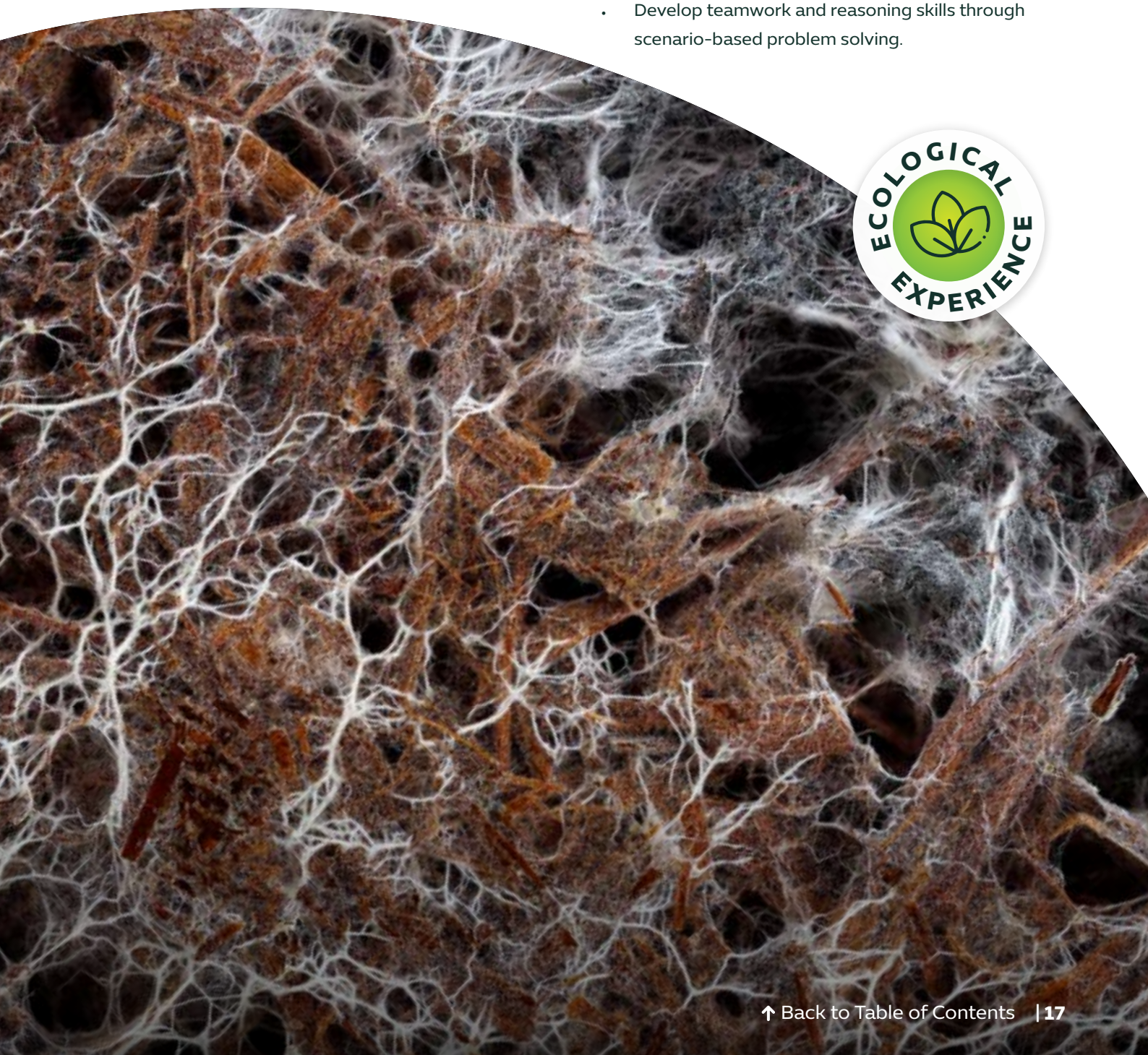
No. of students **Min:** 15

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.

Tour included:
Explore Under the Forest and uncover the hidden connections between species, habitats, and ecosystems that sustain life on Earth.

What will your students achieve?

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



ECOLOGICAL EXPERIENCE

ECOLOGICAL EXPERIENCE

TICKET TYPE: **PREMIUM**

Terra Detectives

Ages: 9 to 12

Duration: 90 minutes

No. of students **Min:** 15

Explore Terra like never before through a series of exciting sustainability challenges. Working in teams, students journey through ten interactive stations, uncovering how Terra functions as a living, self-sustaining building while investigating topics such as solar energy, mangroves, coral reefs, and the hidden underground networks that connect trees. Along the way, they'll solve puzzles, crack codes, and engage with real-world sustainability solutions. Fast-paced, hands-on, and collaborative, this immersive experience brings sustainability learning to life.

Tour included:
Explore Terra's immersive environments and uncover the ecosystems,technologies, and natural processes that work together to support a sustainable future.

What will your students achieve?

- Explore how sustainable architecture and innovative technologies can reduce environmental impact.
- Develop teamwork, communication, and problem solving skills through collaborative sustainability challenges.
- Understand how ecosystems function through interconnected systems, adaptations, and ecological relationships.

In partnership with:

Nature Wave Connect

TICKET TYPE: **FIELD STUDY**

Urban Biodiversity Field Studies at Terra*

Ages: 14 to 18

Duration: 2 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.

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Tour included:
After the field-study, students receive free-flow access to Terra's exhibitions including the Terra Garden, Courtyard, Under the Ocean and Under the Forest.

What will your students achieve?

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

CULTURAL EXPERIENCE

TICKET TYPE: **DISCOVERY**

Diving for Treasures

Ages: 4 to 10

Duration: 90 minutes

No. of students **Min:** 15

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.

Tour included:
Explore immersive stories and exhibits at Vision Dubai that bring to life the people, traditions, and innovations behind Dubai's remarkable transformation.

What will your students achieve?

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

Science Shows

Big ideas take centre stage in our interactive science shows.

Designed to engage, entertain, and educate, our live shows encourage students to think differently, participate actively, and explore new ideas.

Through interactive demonstrations, challenges, and audience involvement, learning becomes an experience shared by the entire group.

Would You Rather...?

Ages: 9+

Duration: 45 minutes

No. of students **Min:** 15

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 will your students achieve?

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

Heroes of the Future

Ages: 4 to 8

Duration: 45 minutes

No. of students **Min:** 15

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 will your students achieve?

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

Tours

Discover the intersections of architecture, sustainability, culture, and innovation.

Guided 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.

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.

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GUIDED 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.

GUIDED 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.

School Initiatives

Stay Connected. Stay Inspired.

School Initiatives 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.

INITIATIVE

Hundred Hives

More than a learning experience, Hundred Hives empowers schools to take meaningful action for biodiversity. Through a guided journey of discovery, participating schools can work towards installing and caring for their own beehive, as part of a pioneering sustainability and pollinator programme.

INITIATIVE

Live at the Hive

Online Event:

Join the Terra team for a live online session from our pollinator garden. Ask questions, see our bees working and learn more about the importance of pollinators.

Live session dates:

- September 9th 2026 9:00am
- October 14th 2026 9:00am
- November 11th 2026 9:00am
- December 9th 2026 9:00am
- January 13th 2027 9:00am
- February 10th 2027 9:00am

INITIATIVE

NextGen World Majlis

Bringing together students, experts, and thought leaders, Next Gen World Majlis inspires meaningful dialogue, critical thinking, and collaborative problem-solving around the issues shaping tomorrow's world.

INITIATIVE

FemTech Hackathon

Designed to inspire the next generation of innovators, FemTech Future challenges students to explore how technology can improve health, wellbeing, and quality of life for women around the world.

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 students' visit?

Email us at **education@expocitydubai.ae** with:

- Chosen programme(s)
- Number of students and adults
- Preferred visit date(s)
- Meal requirements (if any)

One of our team members will be in touch to coordinate your visit and book your students.

For more info, please visit:
terra.expocitydubai.com

For the latest news and updates,
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