

NOVEMBER AT LAB OF FUTURE

A MONTH OF MILESTONES AND INNOVATION

EVENTS

1. International Astronautical Congress (IAC)

The IAC, the **world's premier space event**, brought together over **6,000 global space leaders** in **Milan, Italy**. Lab of Future visited the event, **networking with space scientists, industry leaders, and innovators** to explore **collaborative initiatives**, including **internship opportunities** for our students at **global space agencies** and **joint research projects**. The 7-day event **opened exciting avenues** for **advancing space careers and technology**.



Inspiring moment with our founder Arpit, UAE astronauts Sultan Al Neyadi and Hazza Al Mansouri at IAC 2024!



Our interns had the chance to be panelists at the Global STEM Confex 2024

2. GLOBAL STEM CONFEX

Proudly **participated** in the **Global STEM Confex**, a platform celebrating innovation in STEM education. **Our student interns showcased their projects to a global audience** and **took the stage as panelists, sharing insights** and reaffirming our mission to **inspire future scientists, innovators, and explorers**.



Our founder presented 'The Need for 2040 Skills' on the STEM MENA stage

3. STEM MENA Conference

Participation in the conference **highlighted our commitment** to **shaping the future for the next generation**.

Founder Arpit Dugar presented on **'The Need for 2040 Skills'**, emphasizing how **we're connecting with global educators and industry experts** to **prepare students for tomorrow's world**.

4. GESS Dubai 2024

Participated at **GESS**, the **leading education conference** in the Middle East, showcasing our **cutting-edge space science and technology programs**. It opened doors to **valuable networking opportunities**, **strengthening our mission to shape the future of education and prepare students for the world of tomorrow**.



OUR TEAM at GESS 2024.

SPECIAL MENTIONS



Our Founder, Arpit, presenting "High Attitude Balloon Satellite for Clime Change" at Presentis 2024

● HAB Satellite Paper shortlisted-UAE Space Agency

Our paper on the **HAB satellite for climate change** was **shortlisted** by the **UAE Space Agency** for the upcoming **Space Research Conference at Zayed University, Abu Dhabi**.

Our founder, **Arpit Dugar**, had the honor of **presenting it at the conference**, as well as **at Presentis 2024**, the international stage for **Physics, Astronomy, Space Science, and Technology**.



● Unveiling of Pod of Future

The **Pod of Future** by Lab of Future is an **interactive experience** designed to **inspire creativity and innovation**.

Featuring **futuristic displays, hands-on exhibits**, and **workshops**, it empowers visitors to **turn their visions in space, AI, or sustainability into reality**. Now being installed in schools, the Pod sparks **imagination** and **fosters the next generation of innovators**.



● INTERSHIPS Partnerships

Lab of Future has **partnered** with **leading global space organizations**, providing students with **unique internship opportunities**. Our interns, **Shreya Sandeep Muzumdar** and **Avani Gupta**, have been **selected by Space Copy** to join their **core team** working on **3D printing on the Moon**—yes, the Moon!

Not just this, we offer **research-based internships**. Recently, **Computer Science students** from **Stirling University** joined us for **generative AI projects**.

SCHOOL TOURS

Inspiring Young Innovators with Our 'Explorer for a Day' Tours!

This month, we hosted **10 incredible batches** of our **'Explorer for a Day' tours**, welcoming **enthusiastic students** eager to **dive into the future** of **space tech** and **innovation**. Here's a glimpse of the schools that joined us in multiple batches:

Participating Schools:

- **Ignite School**
- **NIMS Dubai**
- **Arcadia School**
- **Pristine Private School**
- **Ideal English School**



With packed sessions and buzzing energy, November truly set the stage for inspiring the next generation of innovators!

SCHOOL WORKSHOPS

We also conducted 4 school workshops, blending cutting-edge technology with hands-on learning:

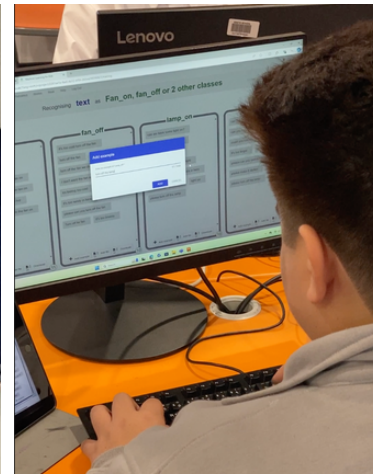
AI WORKSHOP

@American International School

@Ignite School

AWELLNESS SESSION WITH ROBODOG WORKSHOP

@Royal Grammar School Guildford



• Corporate Workshops

This month, we also introduced our corporate workshops, starting with an AI Workshop at Top Rock Interiors, exploring the role of AI across industries, including real estate and interior designs.

• ECA Clubs

We introduced ECA Clubs in schools, sparking creativity and innovation among students:

- School Clubs set up
@American School of Creative Science
- Cybersecurity Club launched
@GEMS Legacy School

These clubs provide students with **hands-on opportunities** to **explore cutting-edge fields**, fostering **the next generation of tech leaders** and **innovators**.

“

November has been a **monumental month of exploration, creativity, and innovation**, and **we're just getting started!**

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What we have in store for December

● Winter Internships



High school students (15-18) can join our **FREE 30-hour Winter Internship** to explore **space science** and **technology**.

Interns will **build prototypes**, **attend masterclasses** with **leaders from global space agencies** like **NASA** and **ISRO**, and **develop key skills**. Participants receive an **IEEE-standard project report** and a **certificate to enhance their portfolios**.



● BIGGEST WINTER CAMP IN PARTNERSHIP WITH BLOOM WORLD ACADEMY

This December, join the **ultimate Winter Space Tech Camp** hosted at **Lab of Future**, opposite **Dubai Frame**, and **Bloom World Academy**, Barsha South.

Students aged 6-18 will **meet space scientists**, **tackle thrilling challenges**, and **dive into futuristic tech activities**.

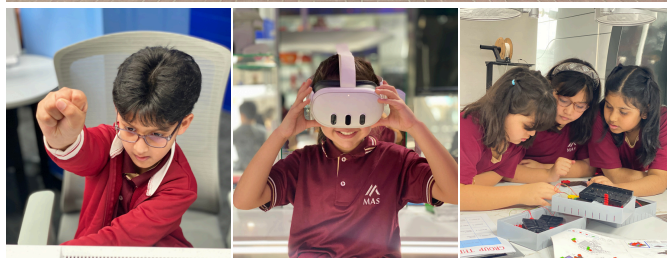
With **FREE transport** across **100+ locations**, this is the **most exciting winter adventure** in Dubai.

● International Educational Tour

This December, students aged **7-18** are invited to a **7-day International Educational Tour** in Dubai!

Mornings feature **hands-on workshops** in **AI**, **Space Robotics**, and **3D Printing** at **Lab of Future**, while **afternoons** include **thrilling visits** to **Burj Khalifa**, **Museum of the Future**, **IMG World**, and a **Desert Safari**.

With **accommodation**, **meals**, and **transport included**, it's a **perfect blend of learning and adventure!**



● Lab Tours

This December, **Lab of Future** continues to **welcome school groups** for **immersive lab tours**. Students get a **firsthand experience** of **cutting-edge technologies**, **engaging in hands-on activities** that **spark curiosity** and **innovation**. **Perfect for schools** looking to **inspire the next generation of tech leaders**.

New Services Announcement

1. Week without Walls

Lab of Future is excited to launch **Week Without Walls**, a week of hands-on learning and **creativity** designed specifically for **school students!** With engaging **Lab Tours** and **in-school workshops**, this initiative sparks **curiosity** and **fosters collaboration**.

Students can choose between the **Experience Tour** (90 mins, AED 99) to **explore five Lab sections** and **participate in activities**, or the **Thematic Tour** (4 hrs, AED 229) for an **immersive dive into science and technology**. It's a week of **innovation, fun, and unforgettable learning!**



2. LAB OF FUTURE STREAMER Labs



Lab of Future is excited to launch **STREAMER Labs**, an **innovative initiative** designed to **transform schools into hubs of creativity** and **future-ready learning**. By integrating **Science, Technology, Research, Engineering, Arts, Mathematics, Energy, and Resilience** into **one comprehensive approach**, **STREAMER Labs** will **empower students with the skills needed to thrive in the 21st century**.

This initiative includes **tailored planning, state-of-the-art setups, advanced tools, and teacher training**, all aligned with a **hands-on, STREAMER-focused curriculum**.

**STAY TUNED AS WE CONTINUE TO SHAPE
THE NEXT GENERATION OF INNOVATORS!**