

The Dawood Foundation's

**Magnifi**  
**Science**  
CENTRE



# MagnifiScience Centre

## Newsletter Q3-2023

Science is for everyone!

# Director's Note

« **We want to create a place where science, innovation and discovery can be celebrated.** »



## **Welcome to the third edition of our quarterly newsletter!**

Since the previous issue, many enthralling activities have been unfolding here at MagnifiScience Centre and many others are in the making. First and foremost, in September the MagnifiScience Centre proudly celebrated its 2nd anniversary, welcoming 350,000 visitors to the centre since we opened our doors in 2021.

We're delighted to celebrate 2 years of sharing the unique and immersive experience of making science accessible and interesting for all. Our mission is to inspire everyone to be curious and engaged in science. We want to create a place where science, innovation and discovery can be celebrated, where people can come and experience awe and wonder at what we now know and understand about our world and our universe. This has the power to enrich all of our lives.

Creativity and critical thinking skills that are at the core of science and innovation, are becoming ever more valuable. Building upon and expanding our successful weekend programs, we are creating outstanding experiences with science that are relevant and meaningful to people of all ages and backgrounds, that inspire, motivate and encourage learning and deeper engagement.

Developing and extending our strategies to reach and engage larger and more diverse audiences, our team is on a mission to make science accessible, fresh, fun and inclusive for all.

We've recently hosted the second successful edition of Children's Market to educate young participants about the power of entrepreneurship, innovation and leadership, through experiential learning.

Last but not the least, I would like to take this opportunity to thank our outgoing Director Christoph S. Sprung whose dedication and tireless efforts have significantly shaped TDF MagnifiScience Centre's remarkable journey, and we are grateful for his invaluable contributions.

Don't forget to follow us on our social media platforms for regular updates about our activities. If you have enjoyed these activities, please share them with your friends and family.

Thank you for supporting us and watch this space for more exciting activities as we celebrate 2 years of MagnifiScience Centre.

Stay tuned,

**Syed Faheem Abbas**

Director TDF MagnifiScience Centre

# Special Visits

Here's what our visiting guests are saying...

**Fahd K. Chinoy,**  
CEO Pakistan Cables Limited

« Fabulous atmosphere! Karachi really needs more spaces like this. The combination of education, fun and the vibrancy of the place is in fact world-class. It's a gift to the city and I'm sure that it's going to continue to inspire and motivate more people to engage with science. »



**Samuel Rizk,**  
Resident Representative  
UNDP Pakistan

« It's a wonderful experience for young kids and for older folks. You can touch everything, you can smell everything, you can hear everything, and you can learn quite a bit from the interactive nature of being here. I wish that I could go back to when I was studying a lot of these things. What exists now is wonderful and what's coming is also great as well! »



### Prof. Dr. Sarosh Hashmat Lodi, Vice-Chancellor NEDUET

« A small child within me has awoken. I must say the MagnifiScience Centre is the place of learning, creativity, curiosity, and inspiring people of all ages and background. You see a lot of the science principles displayed in such a simple and effective manner for even the small kids to learn. Even though I have spent all my life studying science, there were still a few things that I learnt and understood in a better manner. »

## Support a Child's Visit to MSC

'Science is for Everyone'

**Cost of sponsoring a Child's Visit to MSC: Rs.1,800**

*(Including Meal and Transportation)*



# Breathing Clean Air into the Future



The U.S. Consulate General (USCG) Karachi, in coordination with MagnifScience Centre organised a panel discussion titled “Breathing Clean Air into the Future”, and screening of TDF Nature Series documentary, to raise awareness about Air pollution and its Environmental Impact in Pakistan. This panel discussion was the second in the series of planned discussions.



The session was moderated by Tony Hudson, Economic Officer, USCG Karachi, while views, challenges and best practices were discussed by panellists’ Abid Omar, Founder Pakistan Air Quality Initiative, Dr. Muhammad Wasay, Aga Khan University Professor Section of Neurology Department of Medicine and Professor Dr. Nausheen Anwar, Karachi Urban Lab.



The experts talked about the challenges of Air Pollution, its impact on the environment and the consequences of poor air quality which are far-reaching, affecting not just health but also the ecosystem, agriculture, and overall quality of life. The discussion also included an overall view of how the public and private sectors are committed to addressing this critical issue and what are some of the projects that are being implemented to protect the environment and ensure the well-being of our communities. The panel discussion concluded with a Q&A session.





# Science is fun German too

Joachim Hecker, a German engineer, and science enthusiast, brought his LIVE show "Science is fun – German too!" to TDF's MagnifiScience Centre. The show was a huge success, with children of all ages enjoying the interesting and amazing experiments.

The children were fascinated by the experiments, and eagerly participated in the interactive demonstrations, enjoying learning about the science behind it, while also posing some very insightful questions to Hecker.

The German Consul General Karachi, Dr. Rüdiger Lotz, was also present at the event. He addressed the media and talked about the importance of science education and the need for interactive methods of learning for children.

A big thank you to the Goethe-Institut Pakistan and the PASCH - Goethe-Institut Pakistan for providing the children of Karachi with the opportunity to learn about science in such a fun and interactive way.

# Expand STEM Education

TDF, with the intention of expanding STEM education, partnered with the US Consulate General Karachi to launch project “Expand STEM Education in Low-Income Private Schools”.

This project comprised three components:

- STEM training for 100 Pakistani teachers;
- Educational field trips of over 1,000 students (between 10-14 years of age) to the MagnifiScience Centre; and
- A science competition.

Post teachers’ training and school visits, an inter-school competition was organized around the topic of eco-sustainability and entrepreneurship.

The top three teams, including eight students and one teacher each from three schools, were selected by a panel of judges for their winning projects. The winning teams, totalling 24 students and their three teachers, travelled to the USA to participate in the prestigious Space Camp in US Space and Rocket Centre, Huntsville, Alabama.

At the camp, the children experienced the Lunar and Mars mission and participated in numerous team building and simulation -based activities.

A certificate distribution ceremony concluded the project with the faces of students and their teachers beaming with pride.



# Children's Market

In September, the second edition of the popular "Children's Market" was organized at the MSC. At the market there was a lively crowd of young entrepreneurs developing and improving their marketing and entrepreneurial skills.

The two-day activity was alive with excitement as the children eagerly explored the stalls which had a wide variety of items on offer. There was something for everyone, from books, handmade jewelry and clothing to delicious food and drinks.

The market provides a platform for children to learn about entrepreneurship and the importance of creativity and innovation. The young entrepreneurs are able to test their marketing skills and pricing strategy for their products.

The event hosted 294 young entrepreneurs displaying their merchandise and games. We are grateful to our sponsors, Peek Freans, Dollar Industries, Shangrila Foods, Amreli Foundation, Olper's Flavoured Milk, Abbott, FM 91, for their support and for making the market a lively event.

« *The Children's Market teaches the young people about the power of entrepreneurship, innovation and leadership, through experiential learning. Parents and participating children agreed that learning and earning in a competitive environment is a unique and fun experience. Children rise to the challenge of deciding what to sell, creating a booth, talking to customers, and handling money.* »







# Bidding farewell to Christoph S. Sprung

In August, we bid farewell to Christoph S. Sprung, Director MSC whose dedication and tireless efforts significantly shaped TDF MagnifiScience Centre's remarkable journey.

Remaining in the group, Christoph has moved to Engro Corporation Limited as Head of External Relations & Communications, and we are grateful to him for his invaluable contributions while at MSC. Christoph has been a part of MSC since its inception.

On this occasion Fasihuddin Biyabani, CEO TDF thanked Christoph for his leadership and commitment and wished him well in his new assignment.

Nariman Siddiqui, Director Strategy TDF, appreciated Christoph's effort and dedication in taking MSC successfully forward from its very inception, and said that his energetic personality and commitment to the Centre would be missed. She wished the very best for his future assignment and added that they all looked forward to his staying connected with MSC.

In his farewell address, Christoph thanked colleagues and wished MSC much success in its future plans. He appreciated the management's commitment to maintain and nurture an inclusive environment where people are passionate about science and use it to improve lives, transform communities, and empower future generations.



# Junior Internship

*A dynamic, challenging, and rewarding experience for young learners*

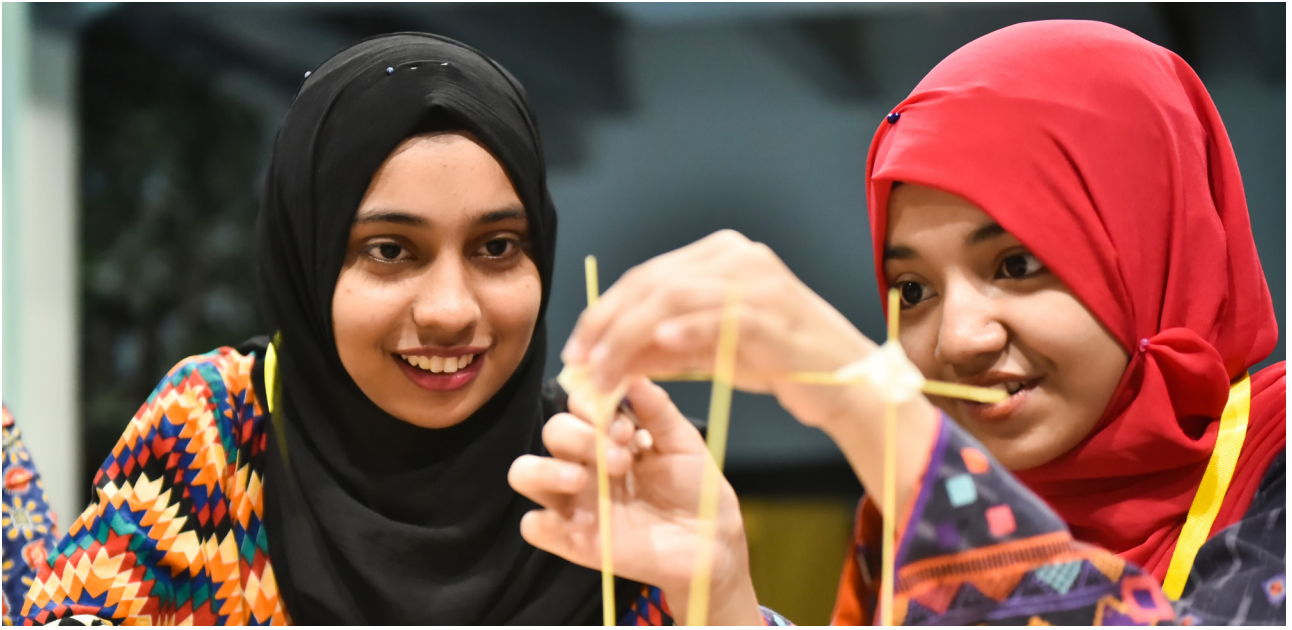
The MagnifiScience Centre offers a one-of-a-kind, Junior Internship Programme for young learners, between the ages of 12 to 18 years. The programme provides experiential learning in various domains in the workplace environment.

The interns, coming from diverse socio-economic backgrounds, are grouped together to work at projects ranging from Exhibit Development, Research and Content Development, Design and Illustration, Marketing and Digital Media, Sustainability and Green Initiatives, Resource Mobilization and Fundraising, Information Technology, and Music.

While working under experienced leads, the interns get a chance to translate their academic learning into projects, in a professional setting. Each group of Interns also works on a STEM project, which adds to making the entire experience more holistic and interesting.

This Summer's four-week Junior Internship Programme closed at a high, with 123 interns gaining practical work experience in a science centre.





# STEAM Champ Summer Camp

Second year running, in July a three weeks STEAM Champ Summer Camp was organized at MSC for children of ages 3 to 11 years. The Summer Camp served as the perfect opportunity for young minds to explore the exciting world of Science, Technology, Engineering, Arts, and Mathematics (STEAM) with fun activities.

From designing and building robots to creating digital art, the summer camp offered a host of stimulating workshops for the campers to develop their creativity and critical thinking skills through hands-on experiments and projects.

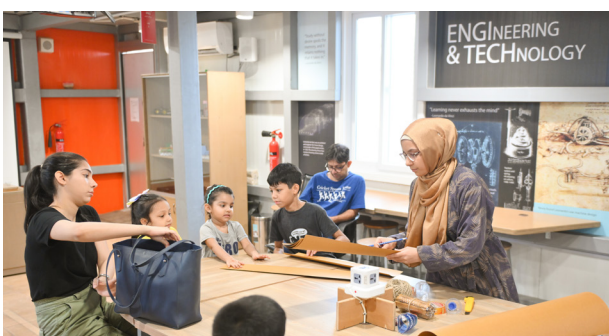
Outdoor activities and team-building exercises are also curated as an important part of the camp, for children to develop social skills and make new friends. STEAM activities are planned to spark curiosity about the surroundings, and encourage the campers to learn about science in the things around them.

# Weekend Programmes

Weekend programmes at MSC are built around monthly themes. The 'Plastic Fantastic' weekend programme during July incorporated plastic materials, presenting the participants with intriguing challenges, like poking a hole in a bag full of water without spilling a drop or crafting clouds in a bottle. In the 'Plastic Fantastic' workshops the participants also learnt the art of repurposing plastic materials by building bird feeders and the importance of using food grade plastic for heating, serving and packing food.

August, delved into the exciting world of energy. Through interactive workshops and experiments, the participants unlocked the mysteries of forces and learned about the conversion of energy from one form to another.

"Action & Reaction" weekend programme during September, made the participants dive into the world of chemical reactions, discovering how actions and combination of different chemicals produce various reactions.



# What's Next



## WEEKEND PROGRAMMES

MagnifiScience Centre offers a variety of ongoing weekend special educational programmes for learners of all ages, abilities, and backgrounds.

Our unique, curriculum-linked programmes are relevant, engaging and accessible to everyone, and offer a place for children to learn, experiment, explore and play.

Through hands-on activities and experiments', the weekend special educational programmes

offer a better understanding around Science, Technology, Engineering and Maths ( STEM ).

Looking for weekend plans? Why not plan a family visit to the MagnifiScience Centre?  
We're open on weekends from 10 a.m. to 7:30 p.m.

**Be sure to check out our [Schedule + Planner](#) on our website to make sure you don't miss the interesting activities during your visit.**

## STAY UPDATED

Be the first to know of special events, upcoming experiences and special offers at MagnifiScience Centre by signing up to our newsletter.

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