Visit Guide for Teachers
Thank you for planning your students’ visit to TDF MagnifiScience Centre (MSC), where we believe that ‘Science is for Everyone’. We would like to prepare you beforehand for your visit to ensure that it is an enriching learning experience for you and your students.

MSC opened in September 2021 as Pakistan’s first interactive science centre. It is spread over four floors with each floor showcasing different science themes and concepts. Care has been taken to align the topics covered at MSC with the local school curricula, thus supplementing classroom learning and developing students’ critical thinking and problem-solving skills.

Location: Ground Floor

In this space, children of pre-primary and primary level can explore and discover the science behind everyday phenomena. Through sensory perception and role play as doctors, construction workers, salespersons etc., they can develop cognitive processes, motor skills, and social skills.
THE WORLD WITHIN US

Location: First Floor

This floor highlights how information is received through the five senses and how the brain interprets that to form perceptions. Here, children will discover how different human organs function and how images differ from reality due to preconceived notions. They will be able to visualize sound waves as well as the behaviour and properties of light and the way it interacts with matter to detect objects.

THE PHYSICAL WORLD

Location: Second Floor

Children will explore here matter, the forces of nature which drive its motion, and its interaction with energy. They will learn how energy can be stored, transferred, or captured from renewable sources of power; how mathematical concepts can be applied in real-world scenarios; and how science has enabled telecommunications.
**OUR WORLD, OUR CREATION**

*Location: Third Floor*

This floor highlights the importance of maintaining a balance between the natural and manufactured world. The space offers countless opportunities for developing engineering and design skills through free exploration, testing, and iteration of ideas. Here, one will learn about the evolution of Karachi from a small village to a teeming metropolis.

**JUGAAR GHAR**

*Location: Rooftop*

This maker space for STEAM activities has been designed to enable students to integrate and apply concepts from science, technology, engineering, art, and math. Through experimenting, tinkering, designing, coding, and programming, students will be able to extend learning beyond the classroom and build their creative thinking and problem-solving skills.
CONCEPT OF SELF-LEARNING

In the spirit to promote self-learning, each exhibit at MSC features instructions about how to use it and what the visitor should observe and experience. The accompanying content and infographics elucidate the scientific principles demonstrated through the exhibits.

Teachers are encouraged to connect the displayed science topics and concepts with the curriculum being taught at their respective schools. However, if required, our trained science communicators present on each floor will facilitate your students’ learning in the form of orientations and demonstrations.
SAFETY AND HOUSE RULES

For safety reasons, we request you to:

• Stay vigilant of the student groups you are accompanying and ensure that they stay together and not loiter around unsupervised.
• Ensure that the students handle the exhibits with care to avoid breakage and/or injury.
• In case of an emergency, please follow the green signs to reach fire/emergency exits.

Our house rules:

• Follow directions from security guards or MSC staff at all times.
• Do not run inside the facility and climb or sit on the exhibits or railings.
• Do not yell, create a disturbance, or play music.
• Eating and drinking in the exhibit areas is not allowed.
• Do not litter anywhere. Use the trash bins placed throughout the facility.
• Refrain from damaging the building, exhibits, and other property of MSC.
• Do not enter any unauthorized area without prior permission.

Facilities:

• Water Dispensers on each floor
• Toilets on the ground and second floor
• Locker Room for storing school bags and other belongings
• Lifts
• Wheelchairs
• First Aid (trained staff are on-hand at all times)
• Lost and Found
• Souvenir Shop
• Foodology Cafe

We hope you enjoy your visit to the MSC and make the most of the learning experience.
Contact Us

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