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| **Fees** | **Max. Number of Students** | **Duration** | **Workshop title** | **Educational Stage** |
| EGP 625.- | 25 students | 60 mins | Animal World | Kindergarten (4–6 years old) |
| EGP 625.- | 25 students | 60 mins | Grow a Plant |
| EGP 625.- | 25 students | 60 mins | Science Balloons |
| EGP 625.- | 25 students | 60 mins | Science Balloons | Junior (6–9 years old) |
| EGP 625.- | 25 students | 60 mins | Plastic Recycling 2 (Racing Chariot) |
| EGP 625.- | 25 students | 90 mins | Hydraulic Arm | Junior (9–12 years old) |
| EGP 625.- | 25 students | 90 mins | Morse Code |
| EGP 625.- | 25 students | 90 mins | How to manufacture a Hydraulic Device? | Middle (12–16 years old) |
| EGP 875.- | 25 students | 120 mins | Robotheca |
| EGP 625.- | 25 students | 90 mins | Mad Science Lab |
| EGP 625.- | 25 students | 60 mins | Morse Code |

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| **Workshop title** | **Description** |
| **Animal World** | Through this workshop, children will acquire a new perspective on the world of animals through educational, interactive stations, as well as practical training in activities that show how animals adapt to different environments, and present intriguing examples of visiting their natural habitat. |
| **Grow a Plant** | Let us grow a plant and learn more about the appropriate environment to cultivate plants and the materials that will help the plants grow quickly at home. We will learn more about the science of plants, and decorate a plant pot to look nice in our homes. |
| **Science Balloons** | Balloons are more than decorative objects for birthday parties. In an atmosphere of fun and excitement, provided with a large number of balloons, children can grasp different scientific concepts via experiments simplifying that knowledge. |
| **Plastic Recycling 2** (Racing Chariot) | From waste to the racing chariot: Learn how to recycle the old material to manufacture your favorite toy. Through science and some bottle caps and balloons we will make a vehicle that moves with the power of wind so you can beat your friends at the races. |
| **Morse Code** | Learn more about the electrical circuit through manufacturing a Morse Code device that encrypts and sends messages using a voice code. The workshop, explains a simple installation of a circuit that contains a device which produces a sound when pressing on it; and when we hear the sound, we can understand the encrypted message content. At the end of the workshop, the participant can take the machine home. |
| **How to manufacture a**  **hydraulic device?** | Science of hydraulics seems difficult, but during the workshop we will facilitate this science to its maximum to convey the idea of how to manufacture a hydraulic arm. During the workshop, the students will manufacture a hydraulic arm themselves using simple household items to move the arm with the help of some fluids to run the circuit. At the end of the workshop, the students can take the model home. |
| **Mad Science Lab** | This workshop includes various scientific experiments in chemistry and physics, which aim to facilitate and simplify the scientific information that students are taught at their current educational phase. The workshop includes hands-on chemistry activities, and provides clear applications of what the students studied in their current educational phase. This will, in turn, help clarify the content of their scientific background. |
| **Robotheca** | This workshop aims to teach children and students how to build their own robot, and inform them about the importance of robots in our society for entertainment, educational and industrial purposes.  The workshop will also inform the students of the mechanical, electric, and software aspects of robots. |
| **Hydraulic Arm** | The participants in this workshop learn how to manufacture and operate the hydraulic arm used in many modern industries and robots using simple tools; and the participant can keep the hydraulic arm to later add to his engineering innovations. |

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| **Theatrical Performances**  **250–500 students per show** | | | |
| **Educational Stage** | **Performance Title** | **Duration** | **Fees** |
| All group ages | Super Science Show | 25 minutes | EGP 2,500.- |
| Ultra-Light Show | 20 minutes | EGP 2,000.- |

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| **Workshop title** | **Description** |
| Super Science Show | The Super Science Show is an active, fast-paced educational theatrical show through which science is animated in a fun and stimulating manner. It turns learning about different fields of science into an interesting experience for adults and children.  With the intriguing character of the show’s performer, Professor Zanzoun, and his passion for teaching, his sense of humor, his fast-paced performance, and various hands-on presentations, participants will discover various information on the different applications of chemistry, physics, and biology, thereby raising student curiosity and encouraging them to learn and to enjoy science. |
| Ultra-Light Show | The Ultra-Light Show is based on glamor, where the impossible becomes possible, and science is brought to life.  “Ultra” is a scientist amazed by science and chemical reactions. He narrates his adventures with chemical interactions, and reveals their secrets. The show is represented using interactive music with eye-catching colors on a black background theater, disclosing entertaining stories, which are also humorous and thrilling.  Science is fascinating, and in this show, we will become acquainted with it in a new and exhilarating way. |

**Classroom Workshops**

**General requirements:**

* One hour prior to the workshop for the set up.
* Seven tables and 27 chairs, set as follows: Five chairs around each of the five tables and two extra tables for the materials hub.
* Active power outlet.
* Water supply nearby.
* Projector.
* Data show.

**Super Science Show**

**General requirements**

* One hour prior to the show for the set up.
* 30 minutes after the show for material packing.
* Three tables.
* Two clip microphones and sound system.
* One laborer to help in handling material.
* Water and electricity supplies near the stage.

**Ultra-Light Show**

**General requirements:** (Most of the items should be provided by the concerned party)

* Two hours prior to the show for the set up.
* A floor covered with dark/black color.
* Dark wide room or theater.
* Covering all sources of sunlight.
* Black curtains in the background of the stage.
* Active power outlet.
* Clip microphones.
* Sound system.

**Science Stands**

Those stands will be offering hands-on science activities and short science videos. Topics covered are space and stars, chemistry magic, wonders of physics, recycling, the power of fluids (hydraulics). A maximum of three topics can be offered during each visit or outreach request.

Duration: minimum two hours

Capacity: 30 persons per hour for the three stands

**General Requirements:**

* One hour prior to the stand activities for the set up.
* Area for operation: not less than 7 m x 7 m.
* Three tables and Six chairs.
* Active power outlet.
* Water supply nearby.

**Instructions:**

* Reservations have to be communicated to the Planetarium Science Center, two weeks prior to the workshop.
* Final confirmation must be associated with payment, one week in advance.