

A Guide for Schools Visiting DoScience

A Quick Introduction

DoScience is an outdoor, experiential science learning space. Operating since 2017, DoScience provides an informal, hands-on environment for learners to explore and discover concepts of Science and Maths.

DoScience is run by a non-profit, Bookmark Projects Trust. You can look us up at <u>www.doscience.co.in</u> and <u>www.facebook.com/dosciencenow</u>. We are located inside the Sanjeevaiah Park, on Necklace Road in Hyderabad and our google maps location is <u>https://g.page/doscience-hyderabad?share</u>.

Learning Models at DoScience

We currently have over 70 installations at DoScience. These cover the areas of Physics (Mechanics, Sound, Light) and Mathematics, with a few play models (Scrabble, Chess, Path to Independence) included. All our installations are hands-on, mostly mechanical models; we do not use electronic gadgets.

Each DoScience installation is supported by a detailed signage, which guides the user on how to interact with the model, the underlying principle behind the model, and some everyday applications of the principle. Most signages have a QR code which will take the visitors to a relevant YouTube explanatory video.

For example,



We encourage learners to explore the installations by themselves, with guidance from their teachers and parents. Depending on learners' past experiences and aptitude for the subject, the learning takeaways will differ for every individual. We hope that the exploration at DoScience will encourage learners to explore the concepts further, after they get back to their homes.

We urge schools to not worry about the students having to comprehend each single one of the principles during a short visit. We encourage you to provide a reasonable structure to the visit, guide the children appropriately and then allow them time and space to explore.



Preparation before Visiting DoScience

A slide show of most of the DoScience Exhibit Signages is available on YouTube at <u>https://tinyurl.com/DoSci-Signages</u>. A playlist of some related explanatory videos is available at <u>https://tinyurl.com/DoSci-Exhibits</u>.

We urge teachers to review the above information before their visit, so that they can guide the children suitably. We also encourage teachers to plan the structure of the visit beforehand, so that children end the day with both a learning and a fun experience.

While our team will support the teachers in guiding the children during their visit to DoScience, we will not explain all the exhibits to all the visitors.

Facilities at DoScience

DoScience is located within the 99-acre Sanjeevaiah Park. The park has other interesting options to explore as well, including a cactus garden, a large national flag, a garden maze, a butterfly park, a bamboo garden, a nursery and a wide range of trees.

While the park has only a small pantry with basic food items available, its vast lawns present an opportunity for pleasant picnics. Please note that blankets and food are allowed to be brought inside the park, but play equipment (balls, bats, bicycles) is not allowed.

The washrooms in the park are the common amenities maintained by the park authorities.

Given the tropical weather conditions in Hyderabad and the vast spaces to be explored in the park, we urge children to carry hats and water bottles with them at all times of the year. DoScience will provide refills of mineral water into their water bottles.

Entry Fees, Group Sizes, Age-Groups, and Timings

Entry Fees

- 1. To Sanjeevaiah Park (as DoScience is located within the park, it is essential to enter the main park as well)
 - Rs. 10 per person per day.
 - Free for government school children
 - An introductory letter from the school is required by the park authorities (to be handed over at the ticket counter before entering.)
- 2. To DoScience
 - Rs. 60 per person per day
 - In case of school groups, free entry for the teachers and support staff accompanying the children
 - Free entry always for government school children. We request you to connect local government schools with us we will be very happy to block dedicated time at DoScience for them.



We are a non-profit organisation and charge as little as possible. So, we request private schools to not ask for discounts; their contribution goes towards providing free entry to government schools.

We encourage digital payments. We accept all digital payment channels (not credit cards), and will be happy to share the QR code or our NEFT details with you if you would like to pay in advance as well.

Group Sizes

- 1. DoScience can accommodate 200 students at any time. Working in two batches, a school can plan a visit for a maximum of 400 students in a 3-4 hour time-frame.
- 2. Our demonstrators will guide students in groups of 30 students each through around 15 exhibits. We request the teachers' help in forming these smaller groups.

Age Groups

- 1. Most of the science and maths principles demonstrated at DoScience are a part of the middle and high school curricula in India. So, children from classes 3 upwards connect the experiences at DoScience directly with their school sessions.
- 2. We believe that every learner is on their own unique learning journey and will garner knowledge appropriate for them at that point in time. So, we encourage children and grown-ups of all age-groups to visit DoScience.
- 3. In case of groups of children less than 8 years of age, we urge schools to send adequate number of teachers and support staff to take care of the children. Most of our models are made of metal, so a bit of caution helps.

Timings

Our regular working hours for schools are – Monday to Friday – 9.00 am to 5.30 pm Saturday and Sunday – 7.00 am to 6.00 pm

(Please note that we are closed on Mondays for regular walk-in visitors)

We hope this provides document adequate information for you to plan a visit to DoScience. We would be happy to have a detailed conversation with you to clarify any doubts or to schedule a visit. Please call +91 88972 04422 or write to us at <u>contact@doscience.co.in</u> for any discussion or to check availability.

A slide show of most of the DoScience Exhibit Signages is available on YouTube at <u>https://tinyurl.com/DoSci-Signages</u>