

# SELC Space and Astronomy Club - Frequently Asked Questions (FAQ)

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## General Program Information

### 1. What is the SELC Space and Astronomy Club?

The SELC Space and Astronomy Club is a year-long immersive program designed for high school students (from classes 8<sup>th</sup> to 11<sup>th</sup>) in the Delhi NCR region. The club offers a comprehensive learning experience focused on space science, astronomy, and satellite technology. The program includes hands-on activities such as sky observation sessions, model rocket building, and much more.

### 2. Who can apply for the program?

The program is open to students who are currently enrolled in classes 8th to 11th. Applicants must have achieved at least 80% in both Math and Science subjects in their most recent academic year.

### 3. What is the duration of the program?

The program runs from April 2025, with bi-monthly sessions. It is designed to offer continuous learning and engagement throughout the year.

### 4. Where is the SELC Space and Astronomy Club located?

The club is hosted at the American Center in New Delhi.

### 5. What is the objective of the program?

The program aims to ignite students' passion for space science and technology by offering hands-on learning experiences, expert mentorship, and skill development workshops. It prepares students for potential careers in the space sector.

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## Application Process

### 1. How do I apply for the SELC Space and Astronomy Club?

Students must submit an [online application form](#). The form will be accessible on the SELC website, and applicants are required to meet the eligibility criteria.

### 2. What are the eligibility criteria?

- Age: Applicants must be currently enrolled in classes 8th to 11<sup>th</sup>.
- Academic Performance: Students must have secured at least 80% in both Math and Science subjects in their most recent academic year.

### **3. Is there a fee for the program?**

No, the SELC Space and Astronomy Club is entirely free of cost. There are no fees associated with participation.

### **4. How will students be selected?**

Selection will be based on an overall assessment of the applicant's eligibility, academic performance, and interest in space science. Applicants must also take an online **Space Science and Technology (SST) Test**. If necessary, selected students may be invited for an interview to ensure a good fit for the program.

### **5. What is the capacity of the program?**

The program can accommodate up to 60 students. We encourage early application to secure your spot.

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## **Space Science and Technology (SST) Test**

### **1. What is the SST Test?**

The SST Test is an online exam designed to assess the applicant's understanding of space science, problem-solving skills, and aptitude for the program. The test is divided into three sections, each designed to evaluate different aspects of the candidate's knowledge and skills.

### **2. How is the SST Test structured?**

- **Section 1:** Personal Details – Basic information about the candidate.
- **Section 2:** Aptitude and Problem Solving – Questions that assess logical thinking, mathematical reasoning, and general problem-solving abilities.
- **Section 3:** Space Sector Knowledge – Questions related to space news, recent advancements in the space sector, numericals, and reasoning problems specifically focused on space science.

### **3. What topics will be covered in the SST Test?**

The questions will primarily focus on the space sector and will test the candidate's knowledge of recent developments, general space science concepts, and problem-solving abilities related to space exploration.

### **4. How should I prepare for the SST Test?**

Students should familiarize themselves with recent advancements in space science and technology, review general aptitude problems, and practice space-related numericals and reasoning questions. Keeping up with space news and current events will also be beneficial.

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## **Commitment and Expectations**

### **1. What is the commitment required for the program?**

The SELC Space and Astronomy Club is a year-long commitment. Students are expected to

participate fully in all scheduled activities and sessions. Dropping out midway is discouraged, as the program is designed for continuous learning and engagement.

## **2. What should I look forward to in the program?**

- **Hands-On Learning:** Sky observation camps, model rocket building, and practical sessions.
- **Skill Development:** Opportunities to enhance critical thinking, teamwork, and problem-solving skills.
- **Expert Mentorship:** Guidance from leading experts in the space and astronomy sectors.
- **Presentation Opportunities:** Showcase your learning at the Indo-U.S. Space Conference at the end of the program.

## **3. What materials or tools will I need?**

Most of the materials required for the activities will be provided by SELC. However, students are encouraged to bring their enthusiasm, curiosity, and a willingness to learn and collaborate with peers.

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## **Additional Information**

### **1. Will there be any interviews?**

In some cases, applicants may be invited for an interview after completing the SST Test. This interview will help the selection committee determine if the applicant is a good fit for the program.

### **2. Is there any certification provided at the end of the program?**

Yes, students who successfully complete the year-long program will receive a certificate of participation. Additionally, students will have the opportunity to present their work at the Indo-U.S. Space Conference, gaining recognition for their efforts.

### **3. Can students from outside Delhi NCR apply?**

No, the program is currently open only to students residing in the Delhi NCR region.

### **4. How can I contact SELC for more information?**

For further inquiries, you can contact us at [selc@iusstf.org](mailto:selc@iusstf.org). We will be happy to assist you with any questions regarding the program or the application process.