



**IMPERIAL HERITAGE SCHOOL, SEC-102, GURUGRAM**  
**MONTHLY PLANNER FOR OCTOBER**  
**Grade XI-SCIENCE (2024-2025)**

*“Education is the most powerful weapon which you can use to change the world” —Nelson Mandela*

Dear Parents,  
Greetings!!

“Imagination is more important than knowledge” because knowledge is about what we already know, whereas imagination is what moves individuals and cultures forward. Imagination leads to innovation. IHS ensures high quality education which motivates and empowers our students to be lifelong learners and productive members of the society. We focus on complete development of our students by involving them in both scholastic and co-scholastic activities. Surely it will help our children to realize, understand and explore their talents.

In the month of September the students of Grade XI Science got engaged in many scholastic and co scholastic activities.

**Educational tours** are an important part of student growth. They are a chance for students to learn by crossing the boundaries of books. Educational tours are a great way to make education interesting and engage students in learning. Students of Grade XI Science got an opportunity to visit Jaipur - The Pink City. It provided students with a chance to think creatively and critically about the things they see and experience and appreciate the rich culture and heritage of India.

As part of **International Literacy Day**, Students participated in the "Dive into a TED Talk" activity on 6th September 2024. Students were encouraged to present their own TED talk and address the class from any of the chosen topics. Overall it was an engrossing activity, and they inspired each other to keep learning and growing.

**Assessment of Speaking and Listening Skills** was conducted as a part of the **English** subject enrichment activity to assess their proficiency level in the language with the objective that they are able to interpret what is being said and are able to express themselves well.

**Term-1 Practical and Theory Exams** were conducted to assess the academic performance. It helped the student to know how their hard work is showing up and what all they need to do to work on the weak areas. This also motivates the students to work even more and score their goal.

September was a month where the students got an opportunity to showcase their love and respect for their teachers, and they celebrated **Teacher’s Day** in a very joyful way. The Student Council along with students of Grade XI marked this day by making it special for their teachers by organizing Teacher’s Day Assembly and managing classes while the teachers enjoyed the performance of the students. Teachers were overwhelmed with emotions by the effort that the students had put in and words of appreciation fell short to compliment.

To highlight the importance of cleanliness and sanitation in school and to encourage students to uphold good hygiene practices, **Swachhata Pakhwada** was celebrated in the school. In this activity students prepare paper-mache from waste papers. As part of **Swachhata Pakhwada Week**, students took a pledge to keep the country and surrounding clean.

The value of the month ‘**Hard work**’ was inculcated through mutual discussion with the students emphasizing on the importance of hardwork in our life.







**1. Syllabus for October**

| ENGLISH  | MATH  | PHYSICS  | CHEMISTRY  |
|--|---|--|--|
| <p><b>SNAPSHOTS</b><br/> <b>Unit 8 – The Tale of Melon City</b></p> <p><b>HORNBILL</b><br/> <b>Unit 7: The Adventure</b></p> <p><b>GRAMMAR</b><br/>           Integrated Grammar</p> <p><b>WRITING</b><br/>           Debate</p> | <p><b>Ch- 8:</b> Sequence and series<br/> <b>Ch-9:</b> Straight lines<br/> <b>Ch-10:</b> Conic sections</p> | <p><b>Ch-9:</b> Mechanical properties of solids<br/> <b>Ch-10:</b> Mechanical properties of fluids.</p> <p><b>Experiment-</b> To study the relation between the length of given wire and tension for constant frequency using a sonometer.</p> | <p><b>Ch-5:</b> Organic Chemistry: Some Basic Principles and Techniques<br/> <b>Unit -8:</b> Redox reactions</p> |

| PHYSICAL EDUCATION  | ARTIFICIAL INTELLIGENCE   | COMPUTER SCIENCE  |
|---|---|---|
| <b>Unit - IX: Psychology &amp; Sports:</b> <ul style="list-style-type: none"> <li>• Definition &amp; Importance of Psychology in Physical Education &amp; Sports.</li> <li>• Developmental characteristics at different stages of development.</li> <li>• Adolescent Problems &amp; Their Management.</li> <li>• Team Cohesion and Sports.</li> <li>• Introduction to psychological attributes-attention resilience, mental toughness.</li> </ul> | <b>Part-B- Subject Specific Skills</b><br><b>Unit 3-</b> Advanced Python (Scikit-learn)<br><b>Unit 5 -</b> Data Literacy – Data Collection To Data Analysis | <b>Unit II: Computational Thinking and Programming– 1</b> <ul style="list-style-type: none"> <li>• Lists in Python</li> </ul> |

## 2. Activities of the Month

- |  |                         |
|--|-------------------------|
| • Caring and Sharing Week              | 17. 10.24 to 22. 10. 24 |
| • Each One- Teach One (school nannies) | 17-10-24                |
| • Visit to Deep Ashram                 | 18-10-24                |
| • Visit by Government School Children  | 21-10-24                |
| • Term I Result on ERP                 | 21-10-24                |
| • Donation Drive                       | 22-10-24                |
| • Unity Run on Rashtriya Ekta Diwas    | 23-10-24                |
| • Inter House Competition              | 24.10.24                |
| • In House Model United Nations        | 25.10.24                |
| • Career Fair                          | 26-10-24                |

**VALUE OF THE MONTH**

**‘GRATITUDE’**

## 3. General Information

- School timing is 8.00 am – 2:30 pm. School gate will be closed at 8.05 am. No entry will be allowed post that.
- Students must carry the almanac to school daily.
- Parents should check the almanac and ERP app regularly for any information.
- Students should be in proper school uniform. Kindly use only black rubber bands, clips or hair bands. Black shoes are to be worn every day.
- Label your child’s belongings like lunch box, water bottle, bag, shoes, etc.
- Students must wear ID cards daily.
- Leave application must be submitted to the class teacher, one day prior in the case of pre-planned leave. In case of illness, a medical certificate must be submitted within three days of rejoining school. In case of long leave to attend important family functions, prior written permission of the Headmistress / Principal must be obtained.
- Please ensure that your child is not suffering from cold, cough or fever at the time of leaving home.

We look forward to your cooperation in helping our students grow and learn together.

*Veeli Sivasubramanian*

Headmistress

*Nalu Shaan*

Principal