



IMPERIAL HERITAGE SCHOOL, SEC-102, GURUGRAM
MONTHLY PLANNER FOR JULY
Grade XI-SCIENCE (2025-2026)

"The best way to predict your future is to create it." —Abraham Lincoln

Dear Parents,
Greetings!!

I hope our children had an excellent summer vacation and had a good time with their friends, family and loved ones. I also hope that they are more relaxed, recharged and ready to start the session with new excitement. I am delighted that you are part of our amazing learning community, i.e. the IHS Family. I welcome and value your positive energy and dedication towards excellence in education and I look forward to working with you and our child.

The first day of school is all about setting expectations, learning about each other, and building culture. First day activity was conducted for the students wherein they write about their goal in future academically. Welcome assembly was presented by teachers to welcome the students for the new academic session. Each student received a welcome card from their class teacher, symbolizing a warm embrace into their new class community. In the months of April and May, students of Grade XI got an opportunity to participate in the following activities:

General Studies (GS) is a multidisciplinary subject, typically assessed internally, that focuses on developing students' critical thinking, problem-solving skills, and global awareness. Keeping this thing in mind a quiz based on general studies was conducted on 9 April, 2025.

Environmental Week was held from 21-04-25 to 25-04-25, and the following activities were conducted:

- E-waste collection and awareness drive was run to raise the awareness about E-waste and its hazardous effects.
- Each one Plant one: Students planted a medicinal plant in the school premises.
- Knowing Plastic Numbers: Students made **placards** with the information of types of plastic and handed it over to the students of Grade VI, VII and VIII to take it home.
- Intra Class Competition: Students presented **Nukkad Natak** on the topic "Air Quality Awareness: Our Actions, Our Future."
- Inter House Competition: Students participated in the debate on the topic "Technology and Environment clash" and Vedansh Butola (Leaders house) of Grade XI-science got first position in this competition.

To commemorate **World English Day** on April 24, a vibrant and thought-provoking **debate activity** was conducted in class on the topic: "**Should English remain the global language?**" The event served as an excellent platform for students to explore and express their perspectives on the significance, dominance, and implications of English as a global means of communication. Students participated with remarkable enthusiasm and energy, presenting well-researched arguments both in favor of and against the motion. The debate saw a rich exchange of ideas, with participants delving into aspects such as cultural identity, global connectivity, linguistic diversity, and the practicality of a common language in international discourse.

Rigved Sharma, Vedansh Bhutola and Devansh Nehra of Grade XI science got an opportunity to visit **IIT Delhi** campus on 19 April 2025 to attend the STS (Science, Technology and Society) lecture presented by Professor Rohit Vaish.

S.S. Priyadarshini of Grade XI-science participated in the prestigious All India Asteroid Search Campaign (AIASC) 2025, Phase I, organized by SPACE India in collaboration with IASC and The Indian Heights School, on 19 May 2025. This training was designed to equip participants with the necessary skills to effectively analyze astronomical data and make meaningful observations.

The **Student Council Election** gives our young students a firsthand glimpse into the democratic process of electing leaders. Students of Grade VI to XII voted to elect the students who will represent and lead them for the rest of the school year. From Grade XI science **Rigved Sharma** was elected as the Editorial Board member, **Vedansh Butola** was elected as House Captain for Leaders House and **Devansh Nehra** was elected as House captain for Warriors House. To honor our new elected members **investiture ceremony** was held on 17th May.

A **Career Counseling Session** was organised in collaboration with representatives from Amity University, Noida in the school premises on 21st May for Grades XI and XII students. The topic of the session was "Skills of the Future: Transcending Education in 2030"

Grade XI students performed a **Nukkad Natak** (street play) at Elan Miracle Mall as a part of the CBSE SEWA (Social Empowerment through Work Education and Action) project. The theme of the street play was "Save Water", which aims to spread awareness among the public about the critical need for water conservation and sustainable water use. Through this performance, our students tried to engage the community in meaningful dialogue and encouraged responsible action towards this pressing environmental concern.

A dynamic, hands-on **Fashion Design Bootcamp** was organised in school in collaboration with Indian Institute Of Art & Design (IIAD), New Delhi. This camp was designed to ignite creativity and introduce design thinking in fashion, this session used quick prompts and mini challenges to make learning fun, interactive, and meaningful.

To reinforce individual commitment to a healthy lifestyle, to discourage tobacco use initiation, and to support cessation efforts, students of grade XI took a pledge on "**No Tobacco Day**". This pledge helped to create a tobacco-free environment, reducing the negative impact of tobacco on public health.

As part of NIE educational activity, students were taken to watch the movie **Mission: Impossible**. The experience was well-received, and students thoroughly enjoyed the outing. The film not only provided entertainment but also sparked engaging discussions. The student found the learning experience engaging through the use of the movie.

Sports are essential for the overall development of children. With this thought, the **Inter-house Soccer Tournament** was conducted on 28th May. **Leaders house** won the tournament and Challengers secured the runner-up position

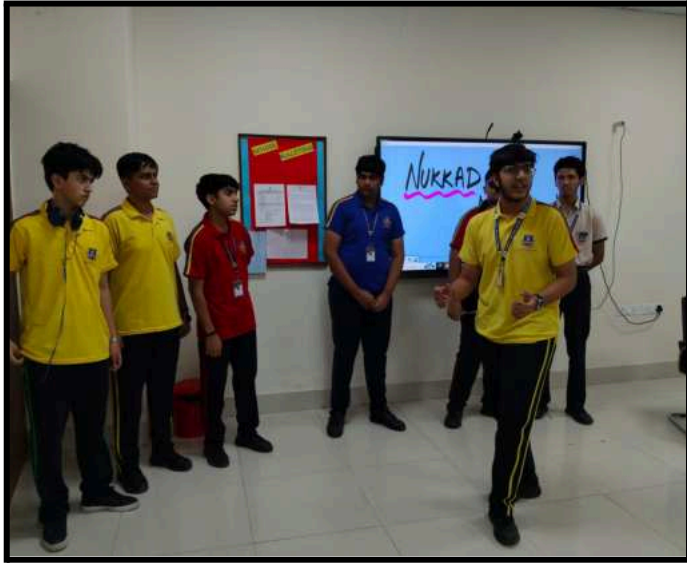
As part of the subject activity the students performed experiments based on measuring instrument "vernier callipers" and learned to measure diameter and depth of a given cylindrical body in the **Physics** lab
In the **Chemistry** lab students were introduced to laboratory practices, glass ware, chemicals and were also given a demonstration on titration of HCl against sodium carbonate.

Value of the month was '**RESPONSIBILITY**'. The students realized their responsibility towards the protection of the environment through the awareness drive about E-waste.

IHS NEWS: Imperial Heritage School Achieves 100% Board Results

We are proud to announce a stellar performance in the CBSE Board Examinations, with **100% pass percentage in both Grade X and XII**. Our students have excelled across subjects, with many securing distinctions. This achievement reflects the hard work of our students, the dedication of our teachers, and the unwavering support of our parents. Congratulations to the entire Imperial family!







1. Syllabus for July

ENGLISH	MATH/BIOLOGY	PHYSICS	CHEMISTRY
SNAPSHOTS Mother's Day HORNBILL Discovering Tut: the Saga Continues The Laburnum Top GRAMMAR Notes & Summarization WRITING Classified Advertisements (Matrimonial, Missing)	<u>Math</u> Chapter -4: Complex Numbers Chapter- 5: Linear Inequalities Chapter- 8: Sequences and Series (to be continued in August) <u>Biology</u> Chapter 3: Plant Kingdom Chapter 4: Animal Kingdom	Chapter-4: Laws of Motion Chapter-5: Work, Energy and Power Practicals 1. To determine the radius of curvature of a given spherical surface by a spherometer.	Chapter -2: Atomic Structure(cont.) Chapter -3-: Classification of elements and Periodicity in properties Lab Activity: 1. Purification of compound 2. salt Analysis

PHYSICAL EDUCATION	ARTIFICIAL INTELLIGENCE	PSYCHOLOGY
Unit V: Physical Fitness, Health, and Wellness: Unit VI: Test, Measurement & Evaluation: Unit VII: Sports and nutrition:	Code-843- AI Part-A- Unit 2- Self Management Skills-III (Contd) Part-B- Subject Specific Skills Unit 3: Python Programming (Level 1) Python Lists and Strings CSV Files Dictionaries Unit 4: Introduction to Capstone Project	Chapter- 3 : Human Development

- Syllabus needs to be checked as per the subjects chosen.
- Syllabus and Datesheet for UT II will be sent later.

2. Activities of the Month

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| ● Van Mahotsav (Plantation drive) | 03-07-25 |
| ● Parent Orientation | 05-07-25 |
| ● BOOK WEEK | 14-07-25 to 18-7-25 |
| Collaborative Unfinished stories | 14-07-25 |
| Special Assembly on Book Week | 15-07-25 |
| D.E.A.R (Drop Everything and Read) | 15-07-25 |
| Paragraph Surgeon | 15-07-25 |
| Idiom Match-Up Quiz Intra Class Competition | 17-07-25 |
| Inter House Competitions | |
| Podcast Spectrum | 18-07-25 |
| ● Kargil Diwas- | |
| Kargil Heroes: A Tribute Through Art Creation | 25-07-25 |
| ● UT II | 21-07-25 to 29-07-25 |

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.



Headmistress



Principal