



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

"Education is not preparation for life; education is life itself."

— John Dewey

Dear Parents,
Greetings!!

In the month of July, Team IHS focused on reconnecting and assessing the students to set the tone after summer vacations. As the gentle breeze of August sweeps in, it brings with it a spirit of renewal, hope, and joy. Known for its vibrant energy and meaningful celebrations, August is a month that reminds us of the strength of unity, the richness of culture, and the joy of togetherness. This month, we look forward to celebrating important **festivities and national pride**, including **Independence Day**, a time to honor our heritage and the freedom we cherish. August also marks the onset of **Raksha Bandhan**, celebrating the bond between siblings, and the arrival of **Krishna Janmashtami**, a festival filled with devotion, stories, and joy.

School events are special educational activities beyond the classroom. Students of IHS always have full schedules for building their character. Extracurricular activities allow students to learn many essential life skills, such as cooperating with others, widening their social circle, better time management, problem-solving, and fostering self-confidence. Keeping this in mind, students of Grade XI Science participated in various activities in the month of July.

Book week is a time-honored celebration to raise awareness among students on the importance of books and literature. Throughout the five-day celebration, there were many activities conducted, like: "**Collaborative Unfinished Stories**" activity was held on 14th July 2025. Students of Grade XI were divided into four groups and given unique opening lines to creatively complete as a team. The activity sparked imagination, encouraged teamwork, and enhanced storytelling skills. Each group presented their stories with enthusiasm, showcasing creativity and collaboration. The event was an enjoyable and enriching experience, allowing students to express themselves creatively.

As part of CBSE's emphasis on promoting reading habits among students, **D.E.A.R. Day (Drop Everything And Read)** was observed in school with great enthusiasm on 15th July. At a designated time during the school day, students and teachers across all classes paused their regular activities and engaged in uninterrupted reading. This initiative aimed to encourage a love for books, enhance concentration, and develop language skills. **Intra-class Quiz** competition based on Idiom Match-up was held to discover the rich and varied expressions and also to enhance vocabulary and comprehension skills in the English language.

A special assembly on "**Book Week**" was conducted by the students of Grade XI. The assembly signified the importance of books in each and every person's life. The students conveyed a strong message about literacy and equal opportunity. The assembly was both engaging and meaningful, leaving a lasting impact on the audience. It reflected the values of awareness, creativity, and social change through books.

Under the CBSE **Project: Dolphin**, an activity, a video based on dolphins, was shown to students. The aim was to raise awareness among students about the vital role dolphins play in aquatic ecosystems and the urgent need to protect them from threats like pollution and habitat loss.

The **Parent Orientation** was conducted on Saturday, 5th July, to provide parents with essential information about the academic year, school policies, and the support system available to their children. This session aimed to bridge the communication gap between the school and parents, ensuring a collaborative effort in fostering students' growth and development. Parents actively participated in the Q&A session, providing valuable insights and feedback. The orientation highlighted the school's dedication to providing a supportive and comprehensive educational environment for students.

In the **Inter-House Competition**, students of Grade XI participated in a Podcast spectrum on the topic “Importance of Mother Tongue or Regional Language in our lives”. I am very happy to announce that **Vedansh Butola** (Leaders' House) secured second position and **Saranya Chaudhary** (Challengers' House) secured third position in this competition.

On 10th July, in accordance with CBSE guidelines, a special assembly and classroom discussions were organized on the theme of “**Samvidhan Hatya Diwas**”, focusing on: The significance of the Indian Constitution and the historical instances of Emergency where constitutional values may have been undermined. Teachers guided students to understand how the constitution ensures justice, liberty, equality, and fraternity for all citizens. “**Samvidhan Hatya Diwas**” served as a powerful reminder to protect and uphold the values enshrined in the Indian Constitution. The aim of this CBSE activity was to sensitize students about the importance of the Indian Constitution, its democratic principles, and to critically reflect on any perceived threats or violations to constitutional values in the past or present. The activity encouraged awareness, critical thinking, and civic responsibility among students.

An activity – Role Play was conducted with reference to the chapter – ‘Mother’s Day’ as a part of the Grade XI **English** curriculum on 10th July, 2025. The role play was aimed at helping students explore important themes such as gender roles within the family, emotional labour, and the need for respect and recognition of a mother’s contributions.

In Subject Enrichment activities, in **Chemistry Lab**, students have performed the experiments on Salt Analysis, where they carried out chemical tests to find out the cation and anion in the given salt.

In the **Physics** lab, the students conducted an experiment to find the radius of a thin wire with the help of a screw gauge.

The value of the month was ‘**KINDNESS**’. The students shared their experiences about the incidents when they were kind to any animal or to a person. The students were shown a video related to Dolphin conservation to inculcate the value of Kindness towards the animal.





1. Syllabus for August

ENGLISH	MATH/BIOLOGY	PHYSICS	CHEMISTRY
SNAPSHOTS Ch - Birth HORNBILL <i>Poem - The Voice of the Rain</i> <i>Poem - Childhood</i> GRAMMAR Transformation of Sentences WRITING Speech	MATH: Chapter 8: Sequences and Series (contd..) Chapter 6: Permutations and Combinations Chapter 7: Binomial Theorem BIOLOGY: Chapter 4: Animal Kingdom Chapter- 5: Morphology of Flowering Plants Chapter- 6: Anatomy of Flowering Plants	Chapter 7: System of particles and Rotational Motion Chapter 8: Gravitation Practicals 1. To determine Young's modulus of elasticity of the material of a given wire. 2. To study the relation between frequency and length of a given wire under constant tension using a sonometer.	Unit 4: Chemical Bonding Unit 8: Basics of Organic Chemistry
PHYSICAL EDUCATION	ARTIFICIAL INTELLIGENCE	PSYCHOLOGY	
Unit VII : Fundamentals of Anatomy, Physiology in Sports	Part A: Unit 4: Entrepreneurial Skills III Part B: Unit 5: Data Literacy -Data Collection to Data Analysis Unit 3: Advanced Python Programming <ul style="list-style-type: none"> • CSV • Python Libraries <ul style="list-style-type: none"> - Numpy - Pandas • Python Libraries • Scikit-Learn • Scikit-Learn 	Chapter- 4: Sensory, Attention, and Perceptual Processes. Practical- Experiment 1. Span of Attention	

2. Activities of the Month

VALUE OF THE
MONTH

'PRIDE'

- PTM 02-08-25
- Hiroshima Day 06-08-25
- HERITAGE WEEK 08-08-25 to 14-08-25
- Create a Language Poster 08-08-25
- Special Assembly on Raksha Bandhan and Sanskrit Diwas 08-08-25
- Special Assembly on Janmashtami 12-08-25
- Special Assembly on Heritage Week and Independence Day 13-08-25
- Clay vs Plastic Intra Class Competition 14-08-25
- MAADHYAM 23-08-25
- Special Assembly on National Sports Day 28-08-25
- National Sports Day 29-08-25

3. General Information

- School timing is 8.00 am – 2:30 pm. The 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 the 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 a 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 a 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 Seivastava

Headmistress

Nalin Sharma

Principal