



IMPERIAL HERITAGE SCHOOL, SEC-102, GURUGRAM
MONTHLY PLANNER FOR JULY
GRADE XII SCIENCE (2026-2027)

"Education is our passport to the future, for tomorrow belongs only to the people who prepare for it today."

Dear Parents,

Welcome back! We trust you had a fantastic break with loved ones, recharging your energy for the journey ahead. As we resume, we are excited for the renewed zeal our students will bring to their studies. Let us work together to empower them to reach their fullest potential. We value the partnership between home and school, knowing it is key to our students' success. Together, we can make a real difference in their education.

The Investiture Ceremony was held with great pride and honour on 22nd May, 2026. The occasion marks the official induction of the newly elected Student Council, who step forward to shoulder responsibilities and commit themselves to serving the school community with sincerity and integrity. The ceremony commenced with immense enthusiasm and pride as students, teachers, and parents assembled to witness the young leaders take their oath. Dressed in their sashes and badges, the newly appointed council members stood with confidence and dignity, reflecting the values of discipline, commitment, and teamwork.

The students of Grade XII participated in an educational and recreational **trip to Ranthambore**, organized by the school on 27th and 28th April 2026. The trip aimed to provide students with a close-to-nature learning experience, along with opportunities for exploration, bonding, and recreation. The day included a visit to the famous Ranthambore Fort, offering students a glimpse into the region's cultural and historical heritage. The evening was filled with students enjoying themselves in the pool, including a DJ night and dinner at the resort. On the second day, students embarked on an early morning jungle safari, which was the highlight of the trip. Later, they visited the Wildlife Museum before beginning their return journey.

As part of an educational initiative organized by Times NIE, students were given the opportunity to watch the **movie Project Hail Mary**. The screening turned out to be an exciting and intellectually stimulating experience that perfectly blended entertainment with learning. The film captivated the students with its gripping storyline, scientific concepts, emotional depth, and themes of resilience, teamwork, and problem-solving. Overall, the screening was not only enjoyable but also enriching, leaving students inspired, thoughtful, and eager to explore more such educational and creative experiences in the future.

In **Chemistry**, to understand the concept of strength of solutions and the role of activation energy in chemical reactions, the students performed titration of oxalic acid and Mohr's salt in the **laboratory**. Through this hands-on activity, they learned the correct use of laboratory apparatus and observed colour changes during the titration process.

In **Physics**, students of Grade XII performed an experiment in the laboratory to find out the resistance and figure of merit of the galvanometer by the half-deflection method.

In Biology, students gained practical understanding of various concepts related to reproduction through engaging laboratory activities and observations. They studied pollen germination, explored different agencies of pollination, and identified the stages of gamete development using the T.S. of testis and T.S. of ovary. Students also developed an understanding of the principles of inheritance by analysing pedigree charts, which helped them comprehend the transmission of traits across generations. These activities enhanced their conceptual clarity, observational skills, and scientific aptitude.

The activity strongly reflected the **value of the month – Responsibility**, as students conveyed the importance of individual and collective action in protecting the environment through a powerful Nukkad Natak that seamlessly integrated science and technology to highlight pressing environmental concerns.

IHS NEWS: Our Grade X and XII results are out, and we are delighted to share that our students have successfully passed with excellent performances. This achievement stands as a testament to the hard work of our students, the dedication of our teachers, and the constant support of our parents. Celebrating excellence today and looking forward to many more milestones ahead!







1. Activities for July

**VALUE OF
THE MONTH
KINDNESS**

- **Book Week** 13.07.26 - 16.07.26
 - DEAR 14.07.26
 - Poetry Slam 16.07.26
- **UT - II** 20.07.26 - 25.07.26
- **Inter House TED-Ed House Competition** 29.07.26

2. Syllabus for July

ENGLISH	PHYSICS	CHEMISTRY	BIOLOGY
FLAMINGO Indigo Poets and Pancakes A Thing of Beauty VISTAS The Enemy WRITING Letters to the editor	Chapter 7: Alternating Current Chapter 8: Electromagnetic Waves	Unit 10: Biomolecules (Contd) Unit 2: Electrochemistry	Chapter 5: Molecular Basis of Inheritance Chapter 6: Evolution Chapter 7: Human Health and Diseases
PSYCHOLOGY	MATH	AI	PE
Chapter 4: Psychological Disorders - Introduction, Concepts of Abnormality and Psychological Disorders, Classification of Psychological Disorders, Factors Underlying Abnormal Behaviour, Major Psychological Disorders. Psychological Disorders - Introduction, Concepts of Abnormality and Psychological Disorders, Classification of Psychological Disorders, Factors Underlying Abnormal Behaviour, Major Psychological Disorders.	Chapter 6: Applications of Derivatives Chapter 7: Integrals	Part A: Unit 3: ICT Skills-IV Part B: Unit 5: Introduction to Big Data and Data Analytics Unit 7: Generative AI	Unit V: Sports and Nutrition Unit VI: Tests and Measurement in Sports

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 adhere to the school timings.
- Please fill up pages 10,11,13,15,16,19 and 22 of the Almanac with complete details. Kindly paste pictures wherever necessary.
- Students must carry the almanac to school daily.
- Parents should check the almanac and ERP app regularly for any information.
- Students should be in the proper school uniform. Kindly use only black rubber bands, clips, or hair bands.
- 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 a cold, cough, or fever at the time of leaving home.

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



Headmistress



Principal