



IMPERIAL HERITAGE SCHOOL, SEC-102, GURUGRAM
MONTHLY PLANNER FOR JULY
GRADE XII- SCIENCE (2024-2025)

“A new school year means new beginnings ,new adventures ,new friendships, and new challenges.The slate is clean and anything can happen .” - Denise Witmer

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.

With the commencement of another academic session 2024-25, Imperial Heritage School welcomed the students whose long-awaited steps entered the campus with great zeal and zest to unveil the beginning of the new session. A special assembly was conducted by the teachers to give them a warm welcome so that they look forward to an inspiring and fruitful year.

A **general assembly** was conducted with a special mention on Baisakhi by Grade XII students. Through dance performances and speeches, the students expressed their joy in celebrating Baisakhi. Students also highlighted some of the core values that need to be instilled in one's life. The first assembly of the session was very enriching, and the students performed with great passion.

To commemorate the Centenary of the **Jallianwala Bagh Massacre** on 13th April , the students of Grade XII participated in a quiz which helped to get an insight into various FAQs.

World heritage day serves as a reminder of our responsibility to protect and preserve the irreplaceable cultural and natural treasures we've inherited from the past.Our students enthusiastically participated in a Paper presentation activity expressing about-'Carbon dating and half life as an important tool available to scientists ,who study ancient History'

In anticipation of **Environment Week** , students at Imperial Heritage School celebrated the week beginning April 24, 2024, with great fervor. The festivities of the environment week continued further with students of Grade XII engaged in various activities throughout the week such as One Child One Plant Campaign

International labour day helps us to recognise the contribution of the labourers and the working class in the development of society and the country.‘**Worker’s Sports Meet**’ was organised in school,to celebrate International Labour Day. The students of grade XII played a friendly match with drivers of the school.

Inter House Competition was organized for the students wherein Grade XII participated in Nukkad Natak showing the increasing detrimental effects of environmental pollution.Saundarya ,Harshita ,Hanshika ,Paridhi and Baani participated in Nukkad Natak.

Hanshika Jindal participated in inter school competition ‘Tectonic’ held at Suncity School ,sector 37 D Gurgaon.

Hanshika Jindal and Harshita Singh participated in a **Virtual Exchange** learning session , which provided the perfect opportunity to our young ambassadors about different cultures and traditions. Participating in Virtual

exchange programs via video conferences benefited our students by fostering cultural exchange, teamwork, and problem-solving skills.

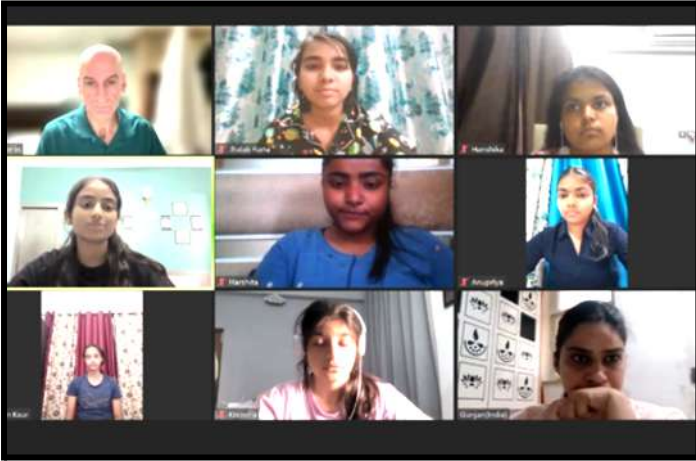
Grade XII students had done field visit to the Global **University Education Fair** at Lotus Valley International School, Gurgaon.

As general studies activity students had prepared a PPT on '**Social issues in India**' and did a paper presentation on scientific developments which have contributed to our Society.

In **English** activity - Speech was conducted with reference to the chapter – 'The Last Lesson' as a part of their English curriculum on 16th April, 2024 wherein the students were divided into groups and were asked to deliver a speech on various themes such as – Language Chauvinism, Procrastination, Importance of Mother Tongue and Nationalism. It helped the children to develop their delivery skills and promote their understanding by exploring various themes related to the chapter.

In **Physics** Lab the students performed an experiment to find resistivity of a given wire by verifying ohm's law. In **chemistry**, volumetric analysis was done to find strength of Potassium Permanganate solution. Students also identified the functional groups present in organic compounds. In **Biology**, students learnt the pollen germination on a slide in a nutrient medium, controlled pollination-emasculatation, tagging and bagging, flowers adapted to pollination by different agencies (wind, insects, etc.) and identified the stages of gamete development from TS. of testis and T.S. of ovary through permanent slides. In **Psychology** Personality Assessment was done. Personality assessment refers to the procedures used to evaluate people on the basis of certain characteristics. Students used Eysenck's Personality Questionnaire-R and assessed three important personality dimensions- Psychotism, Extraversion and Neuroticism of their subject.







1. Syllabus for July

ENGLISH	MATH/BIOLOGY	PHYSICS	CHEMISTRY
<p><u>FLAMINGO</u> The Rattrap <i>Keeping Quiet</i></p> <p><u>VISTAS</u> Journey to the End of the Earth</p> <p><u>WRITING</u> Application for a job with bio data or resume</p>	<p><u>MATH</u> Chapter-5 Continuity and Differentiation Chapter-6- Application of Differentiation</p> <p><u>BIOLOGY</u> Chapter-6: Molecular Basis of Inheritance (cont.) Chapter-7: Evolution Chapter-8: Human Health and Diseases Chapter-10: Microbes in Human Welfare</p>	<p>Chapter 5: Magnetism and Matter</p> <p>Chapter 6: Electromagnetic Induction</p>	<p>Unit VIII- Aldehydes, Ketones and Carboxylic Acids (cont) Unit III-Electrochemistry Unit X-Biomolecules</p>
PHYSICAL EDUCATION	PSYCHOLOGY	COMPUTER SCIENCE	
<p>Unit - V: Sports and nutrition</p> <p>Unit - VI: Test, and Measurement in sports</p>	<p>Chapter 3: Meeting Life Challenges</p>	<p>Unit : File Handling</p> <p>Unit : Data Structures</p>	

2. Activities of the Month

- | | | |
|---|----------------------|---|
| ● Parent Orientation | 06.07.24 | <div style="border: 1px solid black; border-radius: 50%; padding: 20px; background-color: #90EE90; display: inline-block;"> <p style="margin: 0;"><u>VALUE OF THE MONTH</u></p> <p style="margin: 0;">“ KINDNESS ”</p> </div> |
| ● Electronic voting for the Student Council | 08.07.24 | |
| ● Bharatiya Bhasha Utsav | 12.07.24 | |
| ● Proficiency Ceremony | 12.07.24 | |
| ● Paragraph Surgeon | 15.07.24 | |
| ● Interhouse competition(AD-Critique) | 18.07.24 | |
| ● Kargil Diwas Activity | 19.07.24 | |
| ● Investiture Ceremony | 19.07.24 | |
| ● UT II | 22.07.24 to 30.07.24 | |

Note: UT Datesheet and the Syllabus will be sent later.

3. General Information

- School timing is 8:00 am – 2:30 pm. The school gate will be closed at 8.05 a.m. No entry will be allowed after that. Students must adhere to the school's timings.
- 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 uniforms. Kindly use only black rubber bands, clips, or hair bands.
- Students must wear ID cards daily.
- A 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 from 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 children grow and learn together.

Veechi Seivastava

Headmistress

Nalu Sharma

Principal