



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

*“Education is one thing that no one can take away from you ” - Elin Nordegren*

Dear Parents,  
Greetings!

As monsoon sets in, it brings in a change in one’s mood- optimism, new growth, cheerfulness are the various dispositions that one sees around. In the month of July, teachers focused on reconnecting and assessing the students after the summer break.

Imperial Heritage School organised the **Proficiency Award Ceremony** to felicitate and celebrate the academic success of the meritorious students for the session 2023-24. **Hanshika Jindal** was felicitated for her excellent academic performance.

The ‘**Investiture ceremony**’ signifies the reliance and confidence that the school consigns in the newly invested office bearers. Donning the mantle of accountability our newly elected leaders pledged to bestow their duties to the best of their abilities. Team IHS believes that delegation of responsibility and giving authority to children is important as it teaches them lifelong skills of being powerful and caring at the same time. Hanshika Jindal is elected the **Head Girl** for session 2024-25 and **Harshita Singh** is elected as one of the member of **Editorial board**.

**Book Week** in an effort to sensitize the students and drive home the significance of books in our lives. With the same theme a book fair was held wherein the students browsed through the book gallery. Students of Grade XII also did A **Paragraph Surgeon Activity** where a paragraph with various grammatical, structural, and content-related errors were given to them. Students' task was to identify and correct the errors, improving the overall clarity and coherence of the paragraph.

**Kargil Diwas** is celebrated every year on 26th July to rekindle the pride and valour of the soldiers, who took part in operation Vijay. The day marks the victory of Indian soldiers to inculcate the nationalist feeling and infuse patriotism and live for the soldiers. To commemorate the day the students composed a poem in Hindi/ English on Kargil Vijay Diwas, on 19th July.

In **Chemistry** as a part of experiential learning students have analysed the given salt for acidic and basic radical. In **Physics Lab** the students of Grade-XII performed an experiment to verify the series combination law of two resistors. In **Psychology** to understand the concepts of abnormality and psychological disorders, the students were asked to create a mind map covering major disorders. In **Biology** lab students studied the different stages of mitosis in onion root tip practically. They also studied Transverse section of blastula through a permanent slide

The Ministry of Education, Government of India celebrated "**Shiksha Saptah**" from July 22 to 28, 2024, commemorating the 4th anniversary of the National Education Policy (NEP) 2020. Shiksha Saptah aims to foster a spirit of collaboration and innovation among learners, educators, policymakers, and stakeholders in the education sector. Students of Grade XII got involved in various activities throughout the week. To promote the habit of eating healthy home cooked food **Tithi Bhojan** activity was organized for the students of grade XII on 26th July.

Values are an integral part of the curriculum at Imperial Heritage School .The value of the month was “KINDNESS” students have participated in discussion on the same. They shared their thoughts on how one should show courage to bring positive change in our society through this value.











## 1. Syllabus for August

ENGLISH	MATH/BIOLOGY	PHYSICS	CHEMISTRY
<b>FLAMINGO</b> Indigo  Poets and Pancakes <i>A Thing of Beauty</i> <b>VISTAS</b> The Enemy <b>WRITING</b> Letters to the editor (giving suggestions or opinion on issues of public interest)	<b>MATH</b> <b>Chapter 6-</b> Application of Differentiation <b>Chapter 7-</b> Integrals  <b>BIOLOGY</b> <b>Chapter10:</b> Microbes in Human Welfare  <b>Chapter 11:</b> Biotechnology - Principles and Processes  <b>Chapter 12:</b> Biotechnology and its Applications	<b>Chapter 7 :</b> Alternating current  <b>Chapter 8 :</b> Electromagnetic waves	<b>Unit 9-</b> Amines <b>Unit 5 -</b> coordination compounds <b>Unit 10-</b> Biomolecules
PHYSICAL EDUCATION	PSYCHOLOGY	COMPUTER SCIENCE	
<b>Unit VII:</b> Physiology and injuries in Sports:	<b>Chapter 5:</b> Therapeutic Approaches	<b>Unit 1 :</b> Data Structures (Stack, operations on stack (push & pop), implementation of stack using list.)  <b>Unit 3:</b> Database Management	

## 2. Activities of the Month

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| ● My Hero (Gallantry Award Winner) Essay or Video (Project Veer Gatha) | 08.08.24 |
| ● Har Ghar Tiranga   | 14.08.24 |
| ● MAADHYAM- Inter school competition                                   | 24.08.24 |
| ● National Sports Day)   | 29-08-24 |
| ● PTM  | 31.08.24 |

**VALUE OF THE MONTH**

“ PRIDE ”

## 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.

Veeli Seivastava . .

**Headmistress**

Nalu Sharma

**Principal**