



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

“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 wrote the qualities which they have for selecting the stream. 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:

On 15th April, the students of Grade XI paid tribute to the martyrs who sacrificed their lives in the **Jallianwala Bagh Massacre** that took place on 13 th April at Amritsar by participating in a Quiz activity **Heritage Day activity** in which the students participated in a Paper Presentation highlighting carbon dating and Half life as an important tool available to scientists who study ancient history.

Environmental Week was held from 19-04-24 to 25-04-24 where following activities were conducted:

- Paper presentation on the topic”Carbon Tax, the new stage in our capitalist world”.
- Intra Class Debate competition on the topic ‘Organic farming is better than Conventional farming for our environment’
- Inter House Competition in which the students presented Nukkad Natak to spread awareness about the environment among the students.
- One Child, One Plant Campaign was organized wherein the students planted a sapling in the school campus.

To commemorate **World English Day**, an activity- Citizens' forum was conducted in Grade XI ,wherein the students were divided into groups and were asked to express their opinions, concerns, and ideas on matters of public interest, thereby empowering them to contribute to positive societal change. This activity helped the students in generating ideas and using language functions appropriately in stating the problems, giving suggestions, concluding and summarizing.

An open debate was organized to celebrate **World Day for Safety and Health of workers**.The topic for the debate was “The government rules cover the safety measures for health workers”.

International Labor Day in which students played a friendly cricket match with the bus drivers and attendants.

International Day for Biological Diversity wherein the students designed a Bulletin board about the variety of life on Earth.

In English an activity was conducted with reference to the poem – ‘ A Photograph’ as a part of their Grade XI English curriculum wherein the students were asked to describe an old mounted photograph. The objective of this activity aimed to work on their linguistic skills, and give them the opportunity to express themselves with a range of emotions.

In the **Physics** lab the students performed experiments based on measuring instruments like- vernier callipers and screw gauge.

In **chemistry** Quantitative estimation was done in the lab to find strength of solution of hydrochloric acid by using sodium carbonate solution.

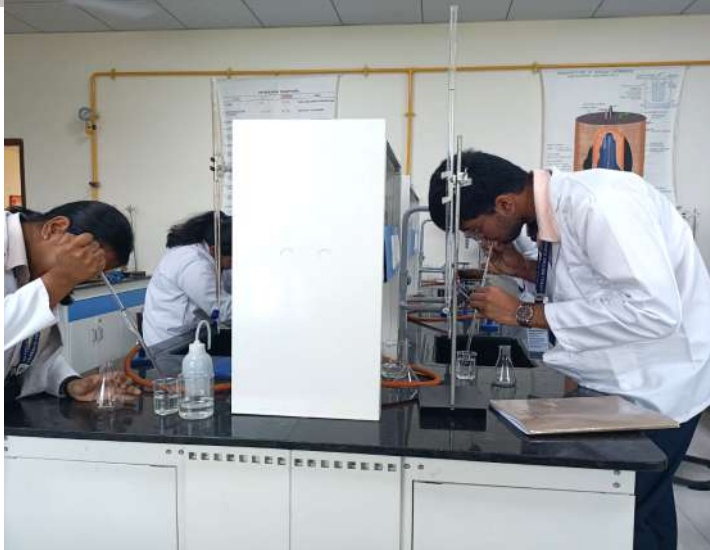
Harsh (Champions House) got first position in the Inter house Nukkad Natak competition.

In an inter school competition held at Suncity school, **Anangsha Ghosh** secured first position for “AI Innovate challenge” category.

In sports **Rhythm Kataria** secured silver medal and Harsh secured bronze medal in **1st Invitational Athletics championship** held at Buddha International School.

Heartiest congratulations to the winners !

Value of the month was ‘RESPONSIBILITY’. The students designed a responsibility tree on an A-4 size sheet to depict their responsibilities towards family and school.





1. Syllabus for July

ENGLISH	MATH	PHYSICS	CHEMISTRY
<p>SNAPSHOTS Mother's Day</p> <p>HORNBILL Discovering Tut: the Saga Continues</p> <p>The Laburnum Top</p> <p>GRAMMAR Notes; Summarization</p> <p>WRITING Classified Advertisements (Matrimonial, Missing)</p>	<p>Chapter -3: Trigonometry</p> <p>Chapter- 4: Complex Number</p>	<p>Chapter-5: Laws of Motion</p> <p>Chapter-6: Work, Energy and Power</p> <p>Practicals 1. To determine the radius of curvature of a given spherical surface by a spherometer. 2. To determine Young's modulus of elasticity of the material of a given wire.</p>	<p>Unit 3-Classification of elements and Periodicity in properties(contd)</p> <p>Unit 4-Chemical Bonding and Molecular Structure</p> <p>Unit 8-Redox reactions(Balancing of equations)</p>

PHYSICAL EDUCATION	ARTIFICIAL INTELLIGENCE	COMPUTER SCIENCE
<p>Unit V : Physical Fitness, Health and Wellness</p> <p>Unit VI: Test, Measurement & Evaluation</p>	<p>Part-A- Unit 2: Self-Management Skills – III Part-B- Subject Specific Skills Unit- Introduction to Python (Basics) Unit- Introduction to Capstone Project</p>	<p>Unit II: Computational Thinking and Programming– 1</p> <p>Python Basics Loops in Python Strings in Python</p>

- 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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| ● PTM | 06.07.24 |
| ● Electronic voting for the Student Council | 08.07.24 |
| ● BOOK WEEK | 12-07-24 to 19-7-24 |
| ● My Signature in My Mother Tongue Activity (Bharatiya Bhasha Utsav) | 12-07-24 |
| ● Proficiency Ceremony | 12.07.24 |
| ● D.EA.R (Drop Everything and Read Day) | 15-07-24 |
| ● Paragraph Surgeon | 15-07-24 |
| ● Inter House Competitions | |
| AD- Critique- Bhartiya Bhashayen for Unity and Harmony' Debate (Bharatiya Bhasha Utsav) | 18.07.24 |
| ● Eloquence Intra Class Competition | 19-07-24 |
| ● Kargil Diwas Poem in Hindi and English | 19-07-24 |
| ● Investiture Ceremony | 19.07.24 |
| ● UT II | 22.07.24 to 30-07.24 |

VALUE OF THE MONTH

'KINDNESS'

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.

Veeli Srivastava

Headmistress

Nalu Sharma

Principal