



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

“Learning is not the product of teaching. Learning is the product of the activity of learners” —John Holt

Dear Parents,
Greetings!!

December is the month of joy, happiness and to finish what you started. The month will give us all an opportunity to exhibit our commitment towards the school as we all would be witnessing the most anticipated event ‘**Annual Fest**’- a grand **Festival of Art, Music and Dance** ” in our school. So let us all welcome December with a lot of passion and zeal.

“November at its best—with a sort of delightful menace in the air.”

The month of November is a well-known time to execute the preparations for “**Annual Fest**” to celebrate the rich and diverse cultures of nine Indian states. We had begun to prepare well in advance for the same. Students across all grades are busy with the event and teachers are working equally hard to make this event a grand success. November month has ended leaving behind lovely memories. It was full of joy and happiness. Students enjoyed a lot of activities which are as follows:

“Every child is a different kind of flower and all together makes this world a beautiful garden.”

Children's Day is a cherished occasion that brings immense joy to every child's life. To celebrate this special day, **Imperial Heritage School** organized a vibrant Children's Day celebration on **14th November** within the school premises. The event was marked with great enthusiasm, excitement, and grandeur. Students engaged in a variety of activities, including **art, dance, Zumba, sports, and movie sessions**, all conducted in their respective classes, making the day truly memorable for everyone.

For the **Inter house competition**, the students participated in the “**Ramayana- comes alive**“ to symbolize the spiritual victory of light over darkness, good over evil and knowledge over ignorance. It focused on the splendid ethics and values of life, Ramayana has provided us. The characters of Ramayana symbolizes love, charity, conjugal love and obedience. It was a flawless dramatization by the children bringing in the essence of Ramayana alive, which turned to be a great success. Anangsha, Utsav Saroha and Shaurya Bhatia (Champions House) secured second position in this competition.

The birth Anniversary of Sardar Vallabhbhai Patel is celebrated every year with great enthusiasm across the country in the form of “**Rashtriya Ekta Diwas**”. To commemorate this occasion ‘Oath taking ceremony’ (Rashtriya Ekta Diwas Pledge) was organized in the school.

World Immunization Day is a global healthcare awareness event observed on the 10th of November every year. It is celebrated to raise awareness about the importance of vaccination. To mark this important day students of Grades XI presented PPT showcasing the importance, challenges and recent developments of immunization on 8-11-24.

A delegation of 15 students from Imperial Heritage School participated in the prestigious **Made Easy MUN, Gurugram**. The conference was held on 16th November 24. Our delegation presented their GSL (General Speaker’s List) speech. Students participated in committees such as the United Nations General Assembly (UNGA), the United Nations Human Rights Council (UNHRC), and the International Press. Their exceptional performance earned several awards demonstrating skills in debate, diplomacy, and research.

Utsav Saroha was recognized for his insightful arguments and strong advocacy for human rights and was given the title of Honourable Mention.

Utsav Saroha attended an exciting hands-on “**Space and Astronomy Workshop**” organized at Space Technology and Education Pvt. Ltd, Dwarka, New Delhi, in collaboration with the American Center. It is an initiative to popularize Astronomy and Space Science Education among the students. In this workshop the participants explored the science of rocketry through the fun and engaging activity of building and launching water rockets.

Road safety involves preventing road accidents by adhering to traffic rules and regulations. The most important factor of road safety is the need for skilful and cautious driving so that passengers, pedestrians and drivers stay safe. To aware students about road safety, the **Road Safety Quiz** was conducted on 12th November by Traffic Police, Haryana.

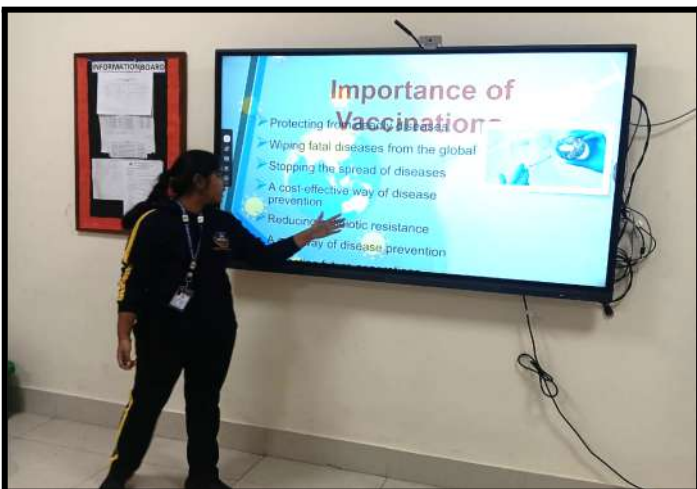
SCHOOL NEWS: We’re thrilled to share that Imperial Heritage School has been recognized in the Education Survey & Conclave 2024 by Times Now, Ranked #5 in the Challengers Category. This honor reflects our unwavering commitment to excellence and our mission to shape future-ready learners. A heartfelt thank you to our incredible students, parents, teachers, and staff for making this achievement possible. Together, we are setting new benchmarks and inspiring greatness in education!

In **Physics** Thermal properties of matter and Thermodynamics laws were taught through discussion and lecture methods.

In **Chemistry** concepts of Thermodynamics were taught through lecture method and real life examples.

In **English** Poster making activity was conducted wherein students showcased their artistic skills and creativity through their posters.

The value of the month ‘**Honesty**’ was inculcated through a story/ poem telling activity where the students told about some real incidents from the lives of famous personalities. Some of the students recite poems based on the theme.







1. Syllabus for December

ENGLISH	MATH	PHYSICS	CHEMISTRY
REVISION	Ch- 13: Statistics Ch- 14: Probability	Ch-13: Kinetic Theory of gasses Ch-14: Oscillations	Unit : Chemical Equilibrium

PHYSICAL EDUCATION	ARTIFICIAL INTELLIGENCE	COMPUTER SCIENCE
Unit - X: Training and Doping in Sports: (Continued) <ul style="list-style-type: none"> • Concept and Principles of Sports Training. • Training Load: Overload, Adaptation, and Recovery. • Warming up & limbering down types, method & importance. • Concept of skill, technique, tactics & strategies. • Concept of Doping and its disadvantages. 	Part-A- Employability Skills Unit 5- Green Skills-III Part-B- Subject Specific Skills Unit 3- Advanced Python (Scikit-learn) Unit 6- Machine Learning Algorithms	Unit II: Computational Thinking and Programming– 1 <ul style="list-style-type: none"> • Dictionary in Python

2. Activities of the Month

- | | |
|-------------------------------------|----------------------|
| • Math, Science and Technology week | 02-12-24 |
| • UT III | 09-12-24 to 16-12-24 |
| • Grade XII Farewell (Evening) | 24-12-24 |



3. General Information

- School timing is 8.30 am – 3:00 pm. School gate will be closed at 8.35 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.



Headmistress



Principal