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

"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,
It is with great joy and excitement that we welcome you all to this new academic year 2026-27! The last session 2025-26 was truly remarkable, filled with incredible achievements, learning, and growth. We are proud of all the hard work, dedication, and perseverance you showed, making it a successful and memorable year.

As we step into this new session, let us carry forward the same enthusiasm and commitment. This year brings fresh opportunities, new challenges, and endless possibilities to learn and excel. Stay curious, stay determined, and make the most of every moment.

The first day focused on interaction with the new class teacher, introductions, helping students adapt to their new environment, connecting with their teachers, and building friendships. The first week has been thoughtfully designed to revisit key concepts from the previous year, ensuring a strong foundation for the learning journey ahead.

To mark the beginning of this new journey, we have presented each student with a **special welcome card** as a gesture of warmth and encouragement. We hope this small token reminds them that they are an important part of our school family and that we are here to support them on every step of the way.

On the very first day, we engaged in a meaningful **First Day activity**, where the students reflected on their Strengths and Weaknesses. It was inspiring to see how they express themselves, recognize their potential, and take a step towards self-improvement. Understanding our strengths and areas for growth is key to success, and we are confident that this exercise will help you set clear goals for the year ahead.

The students of our school visited the **National Museum** on 10th March for an educational guided tour. The visit aimed to enhance students' understanding of India's rich cultural heritage and historical legacy. The visit was highly informative and engaging. It provided students with an opportunity to connect classroom learning with real historical evidence. Overall, the educational trip to the National Museum was a memorable and enriching experience for all the students.

Students of Grade XII visited **Rocksport** on 16th March for an adventurous learning experience. The trip included activities such as rock climbing, zip-lining, and team-building exercises, which helped enhance their confidence, coordination, and leadership skills. Students actively participated with great enthusiasm and learned the importance of teamwork and resilience. Overall, the visit was exciting, enriching, and memorable for all.

The General Studies activity on "Misuse of Science and Technology in Present-Day Wars" was conducted for students of XII to raise awareness about the destructive use of modern innovations. Students actively

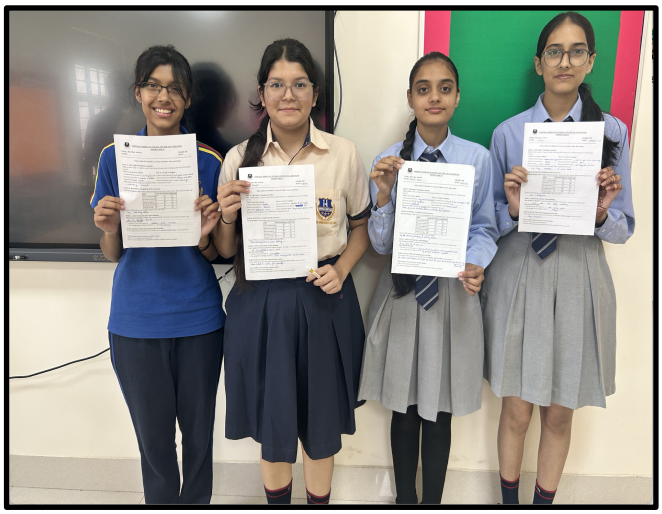
participated through paper presentations with illustrations, highlighting issues like cyber warfare, AI-based weapons, nuclear technology, and drones. The activity encouraged critical thinking about the ethical responsibilities of scientists. Overall, it was an informative and engaging learning experience.

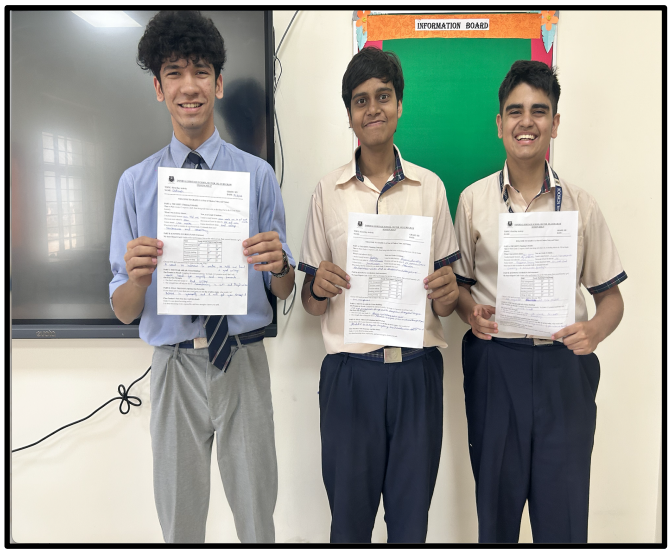
Students were shown an informative video on cybersecurity as part of the **"Value of the Month"** activity. The video highlighted the importance of staying safe online and protecting personal information. Students learned about strong passwords, avoiding suspicious links, and being responsible digital citizens. The session helped raise awareness about cyber threats and how to prevent them. It was both educational and engaging for the students.

As Swami Vivekananda rightly said:
"Take up one idea. Make that one idea your life – think of it, dream of it, live on that idea. Let the brain, muscles, nerves, every part of your body, be full of that idea, and just leave every other idea alone. This is the way to success".

We look forward to a year of meaningful learning, inspiration, and achievement.









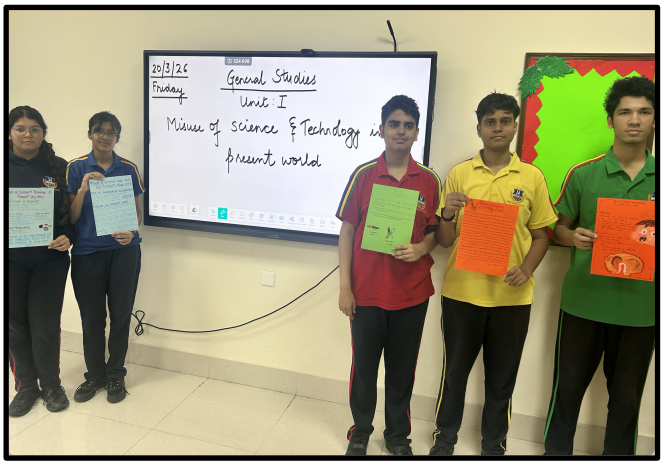





ROCKSPORT
It's about sweat, determination









1. Activities for April

VALUE OF THE MONTH

'RESPONSIBILITY'

- Welcome Assembly by Teachers **07.04.26**
- Parent Orientation **11.04.26**
- Special Assembly on Baisakhi **13.04.26**
- Jallianwala Bagh Massacre Activity **13.04.26**
- World Heritage Day **17.04.26**
- Environment week **20.04.26 to 24.04.26**
  -Say No to Plastic **20.04.26**
  -Nukkad Natak **20.04.26**
  -Podcast on SDG goals Interclass Competition **23.04.26**
- Proficiency Ceremony **24.04.26**

2. Syllabus for March and April

ENGLISH	PHYSICS	CHEMISTRY	BIOLOGY
FLAMINGO Prose: The Last Season Poem: My Mother at Sixty-Six Prose: Lost Spring Prose: Deep Water **VISTAS** Prose: The Third Level Prose: The Tiger King **WRITING** Notice Formal/Informal Invitations	**Theory** Chapter 1: Electric Charges and Fields Chapter 2: Electrostatic Potential and Capacitance. Chapter 3: Current Electricity. Chapter 4: Moving Charges and Magnetism **Practical** 1. To determine the resistivity of two / three wires by plotting a graph for potential difference versus current. 2. To find the resistance of a given wire / standard resistor using a meter bridge. 3. To verify the laws of combination (series) of resistances using a meter bridge.	Unit 1: Solutions Unit 6: Haloalkanes and haloarenes Unit 7: Alcohols, Phenols, and Ethers Unit 8: Aldehydes, Ketones, and Carboxylic Acids Unit 10: Biomolecules **Practical** • Determination of concentration/ molarity of KMnO4 solution by titrating it against a standard solution of: i) Oxalic acid ii) Ferrous Ammonium Sulphate • Tests for the functional groups present in organic compounds: Unsaturation, alcoholic, phenolic, aldehydic, ketonic, carboxylic, and amino (Primary) groups	Chapter 1: Sexual Reproduction in Flowering Plants Chapter 2: Human Reproduction Chapter 3: Reproductive Health
PSYCHOLOGY	**MATH**	**AI**	**PE**
Chapter 1: Variations in Psychological Attributes Chapter 2: Self and Personality **Practical:** Introduction To Psychological Testing	Chapter 3: Matrices Chapter 4: Determinants Chapter 1: Relations and Functions	**Part B:** Unit 2: Data Science Methodology: An Analytic Approach to Capstone Project Unit 8: Data Storytelling **Part A:** Unit 1: Communication Skills-IV Unit 2: Self-Management Skills-IV	Unit I: management of sporting events Unit II: Children and Women 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 the 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**