RALLI INTERNATIONAL SCHOOL

SESSION: 2024-25

GLANCE ON EXPERIENTIAL LEARNING ACTIVITIES

MONTH: APRIL

CLASS 9

ENGLISH

ACTIVITY: Visual Storyboard

The Visual Storyboard activity aimed to foster creativity, storytelling skills, and visual communication among students. It provided an opportunity for students to express narrative ideas through sequential images, promoting both individual expression and collaborative teamwork. The activity was conducted in the class to enrich the students' understanding on the themes such as- Parental Authority and Childlike Curiosity, Desire and Temptation, Fear & Anxiety, Human Connection and Compassion.

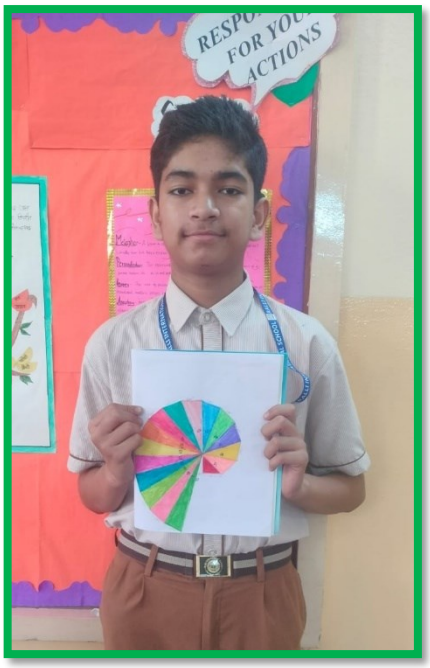
The students were divided into groups and were assigned to create a visual storyboard capturing the essence and pivotal moments of their chosen story. The students in group sketched their initial representationand

presented their storyboards in the class. They crafting a visual storyboard, the students were tasked with translating the text into a sequence of images. Through this the students were able to critically analyze the text, and express the moments through visual storytelling techniques. The feedback was given both by peers and the teacher, focussing on narrative accuracy and creativity.

This activity serves as an effective pedagogical tool for enhancing and fostering the comprehensive skill, and creative skill. Working in groups enhanced teamwork and communication skills. The activity was quite engaging and insightful and deepens the students' understanding of narrative importance.

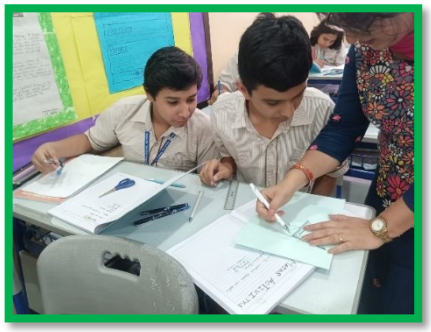
MATHS

ACTIVITY: Square Root Spiral



The square root spiral or Pythagorean spiral are two common names for Theodora's spiral. Consisting of successive right triangles, it forms a spiral.

The Pythagorean theorem is reflected in the single side length of every triangle, with the other sides completing the theorem's missing parts. Theodora used the spiral to show that any non-square integers between two irrational numbers are also irrational. By engaging in the Square Root Spiral activity, the students not only practice computational skills but also deepen their understanding of fundamental mathematical concepts and how they connect to real-world applications.



SOCIAL SCIENCE

ACTIVITY: Poster Making

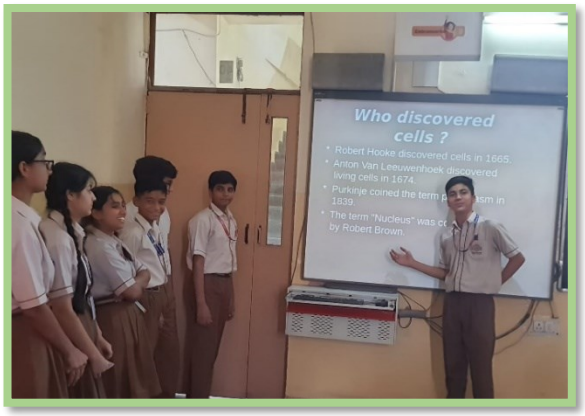
A Poster making activity was conducted for the students. The students showcase their creativity on the topic: The Ancient Regime from the chapter "The French Revolution". The intend behind this was to make the students aware about the French society and the Slave trade practiced in the 18th century in the French Society. The activity kept the students engaged and gave them the platform to explore their creativity and to showcase their skills.

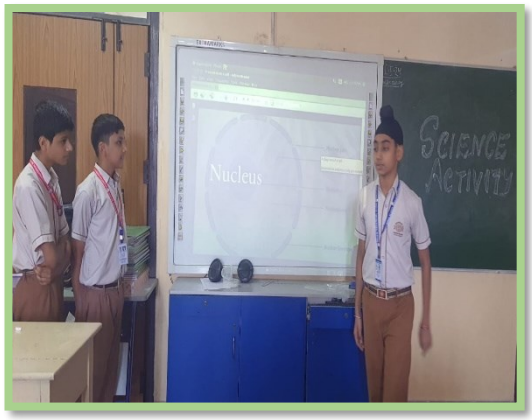
BIOLOGY

ACTIVITY: Power point Presentation

For every IX grade, an experiential learning activity was done. The students were quite excited about the activity presentation. Every group showcased their presentation based on cytology, which deals with the inner workings of cells and their organelles. Some are selected to show the nucleus, mitochondria, plastids, etc. Depending on the kind of solution (hypotonic, hypertonic, and isotonic), other people had expressed interest in the transportation mechanism. Few of them (osteocytes, leucocytes, and erythrocytes) also demonstrate division of labour inside the body and within the cell. Every single presentation was a unique experience since each student was demonstrating their creative abilities in a distinct manner.

Throughout the exercise, more concepts related to cells were clarified. Pupils internalised the ideas that improve their aptitude for science. Their creativity, analytical abilities, and critical thinking was also brushed up. Their interactions with one another reveal a deep aura of intelligence and team-work.





PHYSICS

ACTIVITY: Demonstration of motion and its types

The topic of the activity was "Demonstration of motion and its types." The activity was designed to help students understand the notion of motion and to make them aware about how different types of motion may be applied in daily life. The primary goal of the exercise was to evaluate the students' theoretical knowledge, ingenuity, and eagerness to pick up new abilities.

Pupils were able to connect their academic understanding to situations in the real world and applications in their surroundings. In this one-on-one exercise, students used their imaginations to illustrate and clarify "motion." Throughout the program, students demonstrated a high level of enthusiasm and discipline. It was a really interesting and enlightening activity.

CHEMISTRY

LAB ACTIVITY: To study about the melting point of ice and boiling point of water

The students learnt the process of latent heat of fusion and vaporization. They were able to learn about melting point of ice and boiling point of water. The students were made aware about the rate of diffusion in three states of matter and how it depends upon temperature. They were excited to observe that the temperature remains constant at 0 degree Celsius and 100 degrees Celsius.

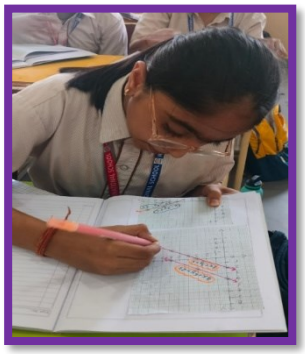
CLASS 10

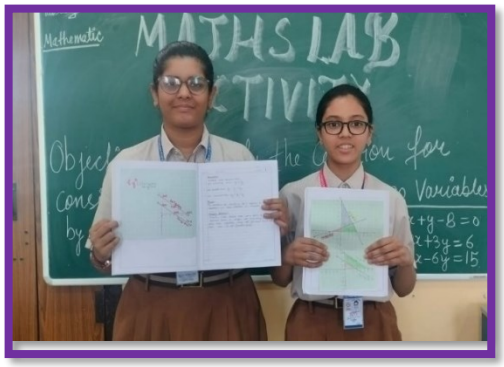
MATHS

ACTIVITY: Nature of Lines

The nature of Lines activity is typically designed to help students understand various properties and types of lines in geometry. The students learn to differentiate between and define different types of lines such as horizontal, vertical, parallel etc. Plotting lines on graph paper helps students to enhance their graphical skills.

Students explore how the properties of lines apply in real-world such as architecture, engineering, design and even art. Through out the activity, the students are encouraged to apply critical thinking and problem-solving skills. They learn to approach problems methodically and enhanced their ability to communicate.





HINDI

ACTIVITY: संवर्धन गतिविधि

विषय संवर्धन गतिविधि के अंतर्गत दसवीं कक्षा के सभी विद्यार्थियों ने दोहा वाचन गतिविधि प्रस्तुत किया। इसमें उन्होंने कबीर, रहीम, वृंद आदि कवियों के दोहे का उचित हाव-भाव एवं लय के साथ गायन शैली में सुंदर प्रस्तुति दी। इस गतिविधि से विद्यार्थियों में वाचन कौशल का विकास हुआ एवं काव्य विधा के प्रति रूचि उत्पन्न हुई।

CHEMISTRY

LAB ACTIVITY: To study about types of chemical reactions

The purpose of this activity was to explore and understand the different types of chemical reactions. By this, the students gained firsthand knowledge of the reactants and products. The students were divided into the groups and they conducted the experiment related to combination, decomposition and double displacement reaction. They were able to see the difference by noting down the observations regarding the changes that took place before and after the reaction. Moreover, they were able to understand different types of chemicals reactions- eg: exothermic and endo thermic reactions.

CLASS 11

ENGLISH

ACTIVITY: Monologue

The English EL activity conducted in class 11 was a memorable one, where students were tasked with embodying the persona of the renowned Indian author, Khushwant Singh. Through monologues, students delved into Singh's life, sharing his experiences, insights, and emotions with their peers.

The classroom came alive with the vibrant energy of enthusiastic students who enthusiastically stepped into Singh's shoes, bringing his persona to life through their performances. Each student offered a unique perspective, drawing upon Singh's literary works, personal anecdotes, and societal observations to craft compelling monologues.

Students were tasked with imagining themselves as Khushwant Singh and documenting the evolving relationship with their grandmother over time in a diary entry. This activity aimed to enhance their communication skills by expressing emotions and reflecting on personal experiences. The presentation fostered creativity, empathy, and effective expression among the students, contributing to their overall development.

Overall, the EL activity provided students with a platform to explore the life and works of Khushwant Singh in a meaningful and interactive way. It encouraged them to step out of their comfort zones, develop empathy for different perspectives, and appreciate the power of storytelling as a tool for self-expression and connection.

CLASS 12

ACCOUNTANCY

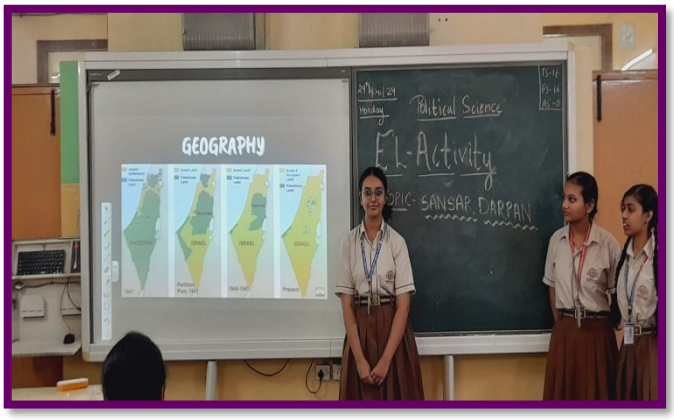
ACTIVITY: Fundamentals of Partnership

The "Fundamental of Partnership" exercise was carried out in class. In groups, the students devised inventive ways to clarify different clauses. It provided students with a valuable opportunity to deepen their understanding of the many sections of the Partnership Act of 1932 through practical application. By connecting theoretical knowledge with real-life scenarios and devising inventive clarification methods, students demonstrated their ability to comprehend and interpret complex legal concepts related to partnerships. This activity not only enhanced students' knowledge but also fostered critical thinking, collaboration and communication skills essential for their academic and professional development.

POLITICAL SCIENCE

ACTIVITY: Sansar Darpan

The class 12 students conducted research on a variety of subjects and created a PowerPoint presentation for it. After being separated into groups, the students received in-depth instruction on the Israel-Palestine War, the CAA, BSF Jurisdiction, and the relationship between India and the Maldives. The pupils gained knowledge of many domestic and global events.



HISTORY

ACTIVITY: Visit to National Museum

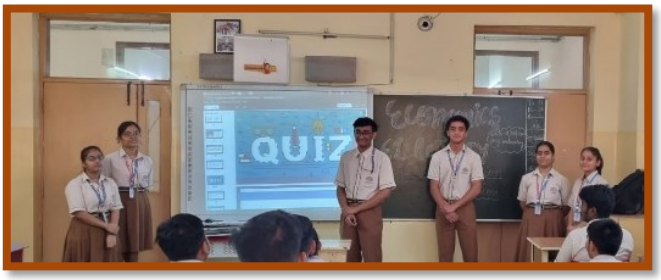
As a part of E.L. Activity, the students got an amazing opportunity to visit the National Museum located at Janpath. The museum's exhibit on Harappan Civilization helped the students' understanding of Bricks, Beads and Bones. Our students were drawn to the several pre- historic archaeology departments. The history and development of Indian money were explained via the coins gallery. Along with the learning about the many facets of Gautam Buddha's life, the students also viewed humorous sculptures dedicated to the idol, which helped them gain a general ideas of the historic chapters, they would be studying in the future.

Overall, it was a very relatable and novel experience for our students that would help them in learning things out of their text and keep the spark of curiosity alive.

ECONOMICS

ACTIVITY: Budget Simulation Presentation

Budget Simulation Presentation was conducted for the students in the classroom. The session aimed to provide practical insights into the complexities of budgeting. Students engaged in detailed analysis of various sectors of the budget, including revenue, expenditure, and allocations to different sectors such as education, healthcare, defence aviation and infrastructure. Each student presented their viewpoints and suggestions, offering critical perspectives on fiscal priorities and resource distribution. Students organised the quiz for the audience and checked their understanding. The activity proved instrumental in enhancing students' understanding to real-world economic decision-making processes and encouraged thoughtful discourse on economic policies and their implications. Through this immersive exercise, students gained valuable insights into the nuances of budget and management.



BIOLOGY

LAB ACTIVITY: Spotting -Study of permanent slides of T.S. of Testis, T.S of Ovary and of Blastula

Through this activity, the students were able to see the slides under the microscope, they were able to adjust and focus on various slides. The primary objective was to enable students to observe and analyze the microscopic structure of testis, ovary and blastula. By actively engaging with the slides under the microscope, the students were expected to gain insights into the cellular composition, and function of these biological structures.