

**SALVATION TREE SCHOOL
GREATER NOIDA**



**HAPPENINGS OF THE MONTH
APRIL'24
GRADE X**

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GRADE X

English



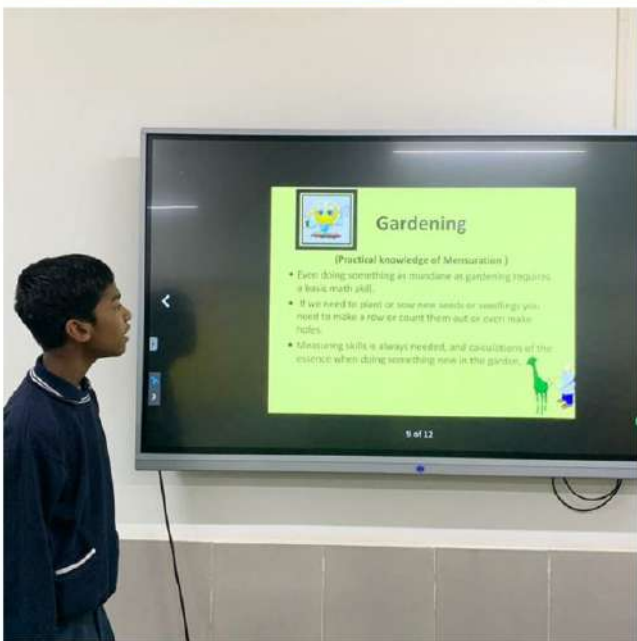
The students of Grade X got engaged in a brainstorming session where they participated in a group sketching activity.

Hindi



इन साखियों में कबीर ईश्वर प्रेम के महत्त्व को प्रस्तुत कर रहे हैं। पहली साखी में कबीर मीठी भाषा का प्रयोग करने की सलाह देते हैं ताकि दूसरों को सुख और और अपने तन को शीतलता प्राप्त हो। दूसरी साखी में कबीर ईश्वर को मंदिरों और तीर्थों में ढूंढने के बजाये अपने मन में ढूंढने की सलाह देते हैं। तीसरी साखी में कबीर ने अहंकार और ईश्वर को एक दूसरे से विपरीत (उल्टा) बताया है। चौथी साखी में कबीर कहते हैं कि प्रभु को पाने की आशा उनको संसार के लोगो से अलग करती है। पांचवी साखी में कबीर कहते हैं कि ईश्वर के वियोग में कोई व्यक्ति जीवित नहीं रह सकता, अगर रहता भी है तो उसकी स्थिति पागलों जैसी हो जाती है। छठी साखी में कबीर निंदा करने वालों को हमारे स्वभाव परिवर्तन में मुख्य मानते हैं। सातवीं साखी में कबीर ईश्वर प्रेम के अक्षर को पढ़ने वाले व्यक्ति को पंडित बताते हैं और अंतिम साखी में कबीर कहते हैं कि यदि ज्ञान प्राप्त करना है तो मोह – माया का त्याग करना पड़ेगा।

Maths



Powerpoint presentation done by students on the importance of Maths in our life.

History:



Activity:-

Discussion on 'Why

Power Sharing is essential

Geography



Activity: Quiz on the types of soil, done by the learners of grade-X. The purpose of this activity is to inculcate the questioning skills which strengthen their learning about the various types of soil and its formation and originality.

Information technology:



The students of Grade X used different types of Databases as a part of creating Database activity.

PHYSICS



Experiment - Refraction of light through a glass slab.

CHEMISTRY



To study the types of chemical reactions.



ENGLISH



Class X learnt in detail about the life of the 1st Black South African President Nelson Mandela through an educative video about the great world leader while analyzing the chapter 'The Long Walk to Freedom'

HINDI

कवि कबीर के कवित्व और उनके व्यक्तित्व पर विद्यार्थियों को राष्ट्रीय शैक्षिक अनुसंधान द्वारा निर्मित दृश्य-श्रव्य सामग्री दिखाई गई। जिसमें कवि कबीरदास के जीवन, कवित्व और उनके ऐतिहासिक व्यक्तित्व पर प्रकाश डाला गया। इस दृश्य-श्रव्य सामग्री में कबीरदास की साखियों का सस्वर वाचन की मधुर प्रस्तुति का विद्यार्थियों ने आनन्द लिया।

FRENCH

Bonjour !



Reading activity of leçon 3 done in the class. The students were asked to take turns and read the dialogues.

SCIENCE

BIOLOGY: Reflection activity of starch test- Students of Grade X reflected that starch is produced by photosynthesis through illustrative diagrams, observation, pictures and annotations which was pinned on the board.



CHEMISTRY: Experiment conducted on the topic "Indicators like phenolphthalein, methyl orange and pH paper were used to identify different acids and bases."

PHYSICS: Topic - Light

Students gave the group presentation in class on topic Reflection and Refraction. The learning outcome of activity - Real-World Applications: Appreciate the applications of reflection and refraction in various contexts (mirrors, lenses, optical instruments). Apply the laws of reflection to predict image formation by plane mirrors. Analyze refraction of light and its dependence on material properties



SOCIAL SCIENCE



HISTORY: Students were shown a video on the life of Mahatma Gandhi and his contribution to Indian National Movement. Through this activity, students learnt about the Indian National Movement after 1915.

POLITICAL SCIENCE/GEOGRAPHY

POLITICAL SCIENCE: s



MATHS: On April 29- 2024, an engaging math activity on Pair of linear equations in two variables took place for the tenth grade. Students actively participated to find a solution of given pair of linear equations by graphical method. This activity enhanced their understanding to solve a real life problem by finding the required area of the shape formed by given linear equations. The activity aimed to make the concept more tangible and foster a deeper appreciation for mathematical principles



PHYSICAL EDUCATION: Football training was provided to the students where the following skills were worked upon:
Dribbling: Controlling the ball skillfully
Accuracy: Passing the ball skillfully and tactically to avoid the opposing team
Spatial awareness: Staying in the correct area of the pitch and playing your position correctly
Communication skills: Listening and communicating well
Decision making: Knowing where to pass when you receive the ball
Ball control: Juggling the ball to develop ball control skills
Running off the ball: A well-timed run in space can create attacking chances for the team
Some other fundamental skills include heading, touch, and ball control, as well as skills and tricks.

ARTIFICIAL INTELLIGENCE:

Activity 1 :How do you make decisions?

"You are locked inside a room with 3 doors to move out of the locked room and you need to find a safe door to get your way out. Behind the 1st door is a lake with a deadly shark. The 2nd door has a mad psychopath ready to kill with a weapon and the third one has a lion that has not eaten since the last 2 months. "

Activity 2 : Project Cycle

"Steps to make a greeting card for your mother on her birthday."

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GRADE XI



MATHS: Grade 11 performed activity on set theory to showcase operations on set using material from daily life.



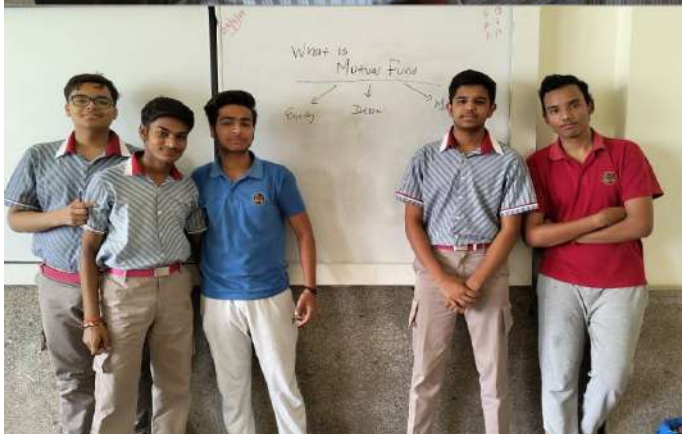
GRADE XII



ENGLISH: The students of grade XII participated in a brain storming session while discussing the themes and analysing the chapter 'The Tiger King'. They discussed and compiled effective solutions that each one of them could practice daily in order to save our planet and maintain ecological balance.

ECONOMICS- NEELIMA PENDING

BIOLOGY



ACCOUNTANCY:

Topic - Mutual fund

Giving students a brief understanding of what is mutual fund and what are different types of mutual fund available in the market. Who can and how can we invest in mutual fund?



CHEMISTRY: Experiment conducted on the topic “Determine the Rf value of different components of black ink using paper chromatography.”

PHYSICS: Experiment was conducted in Grade 12 on the topic to determine the resistivity of two / three wires by plotting a graph for potential difference versus current.





HISTORY: Students were shown a video on Mauryan Empire's lineage and the sources to study its history to better understand Chapter 2: Kings, Farmers & Towns



POLITICAL SCIENCE: Students were shown video about End of the Bipolarity in the world. Through this they learnt how the cold war ended and one country became super power in 1990s.

BUSINESS STUDIES:

Topic - case study of brand

Name of brand - NIKE

A case study was conducted on Nike which covered topics like its early journey of Nike, its founder, its struggle and lesson learn from the struggle.

Learning outcome - students were able to understand the role of effective management and how to setup a business from scratch. How product differentiation can help companies



MATHS:

Students learnt one of the famous application of LPP i.e. transportation problem which can be seen in major industries .Also, they have learnt existence of graphs of inverse trigonometric functions.



ECONOMICS: Commerce students of Grade-12 participated in an interactive Economics activity wherein they had a debate on the topic “Money Vs Barter System” in the class after watching an interesting video. They learnt how the evolution of money has overcome the drawbacks of Barter System.

COMPUTER SCIENCE: Activity 1: How do you make decisions?

"You are locked inside a room with 3 doors to move out of the locked room and you need to find a safe door to get your way out. Behind the 1st door is a lake with a deadly shark. The 2nd door has a mad psychopath ready to kill with a weapon and the third one has a lion that has not eaten since the last 2 months. "

This activity was conducted in classroom to understand the process of Decision-making which is a significant component of intelligence.

Activity 2: Project Cycle

"Steps to make a greeting card for your mother on her birthday."

This activity was conducted in classroom in order to understand the necessary steps for creating an AI project.

PAINTING: Student were taught landscape painting with poster colours, still life by