



EAST POINT SCHOOL

PURVIEW- Widening the Horizon

CLASS XI Newsletter

AUGUST 2021



GLIMPSES

ACADEMIC STATION

- LINGUAFUN: DOCUMENTARY AND GROUP DISCUSSION, SHLOK WRITING
- CALCULIA: 0 to 2π
- EUREKA: SPECIMEN SHOW
- SOCIO: GUIDE TO PLATE TECTONICS

CO SCHOLASTIC ARENA

- CANVAS
- SOULFUL- DANCE/MUSIC: SPECIAL MORNING ASSEMBLY

TÊTE-À-TÊTE

- PARENTS
- TEACHERS
- SCHOLARS

WARM WISHES

- BIRTHDAY WISH

GOING THE EXTRA MILE

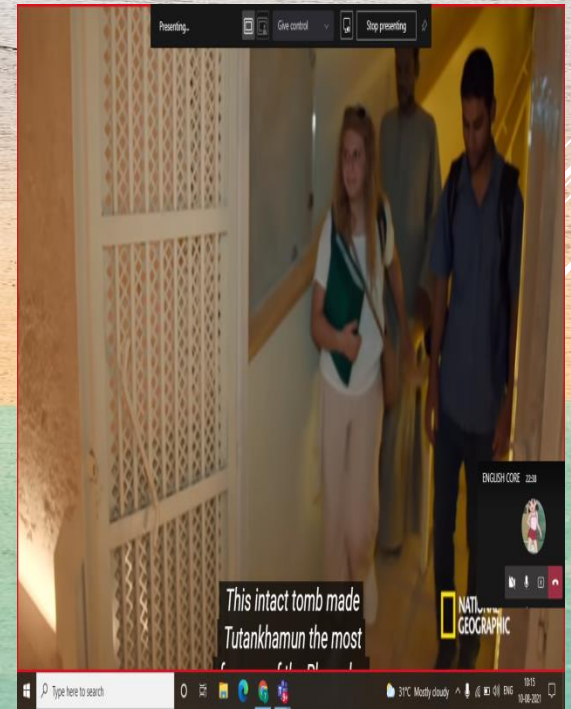
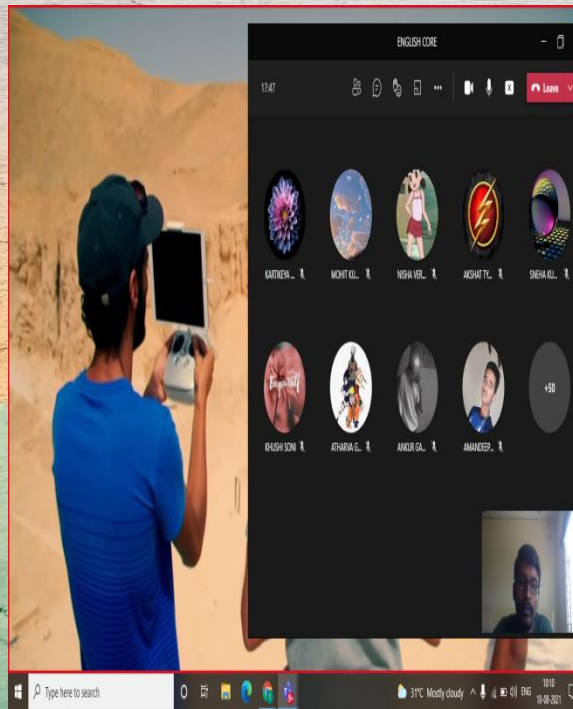
- WORKSHOPS / ENRICHMENT PROGRAMME FOR TEACHERS



ACADEMIC STATION

LINGUAFUN-DOCUMENTARY FOLLOWED BY A GROUP DISCUSSION:

To give a better insight to students about the chapter, *Discovering Tut: the Saga Continues....*, a documentary by National Geographic on the same theme was shown. Their understanding had a good impact with the visuals provided in the documentary about Tut's life. The binge watch was followed by a group discussion based on the chapter and documentary. It was conducted as the part of the subject enrichment activity and students were marked accordingly.



कक्षा ग्यारहवीं हिंदी गतिविधि उक्ति लेखन (स्लोगन राइटिंग) विषय : स्वतंत्र भारत, स्वाधीन भारत, राष्ट्रीय एकता, स्वतंत्रता सेनानी



▶ उद्देश्य - छात्रों को स्वतंत्रता का महत्व एवं देश के प्रति अपने कर्तव्यों का बोध करवाना और साथ ही साथ देश भक्तों को याद करते हुए श्रद्धांजलि देना।

▶ शिक्षण अधिगम - उक्ति लेखन द्वारा काव्य अभिव्यक्ति में संवर्धन हिंदी शब्दकोश में वृद्धि हिंदी भाषा के प्रति रुझान विचारों की अभिव्यक्ति, रचनात्मकता एवं कल्पनाशीलता का विकास।

CALCULIA

In this activity students made chart on trigonometric table which contains angle from 0 to 2π

	MATHS MONTH ACTIVITY				TRIGONOMETRIC FUNCTIONS			
	0°	$30^\circ \frac{\pi}{6}$	$45^\circ \frac{\pi}{4}$	$60^\circ \frac{\pi}{3}$	$90^\circ \frac{\pi}{2}$	$180^\circ \pi$	$270^\circ \frac{3\pi}{2}$	$360^\circ 2\pi$
Sin	0	$\frac{1}{2}$	$\frac{1}{\sqrt{2}}$	$\frac{\sqrt{3}}{2}$	1	0	-1	0
Cos	1	$\frac{\sqrt{3}}{2}$	$\frac{1}{\sqrt{2}}$	$\frac{1}{2}$	0	-1	0	1
Tan	0	$\frac{1}{\sqrt{3}}$	1	$\sqrt{3}$	N·D	0	N·D	1
csc	N·D	2	$\sqrt{2}$	$\frac{2}{\sqrt{3}}$	1	N·D	-1	N·D
sec	1	$\frac{2}{\sqrt{3}}$	$\sqrt{2}$	2	N·D	-1	N·D	1
cot	N·D	$\sqrt{3}$	1	$\frac{1}{\sqrt{3}}$	0	N·D	0	N·D

EUREKA

Specimen- It helps to document the variety of species that is present in the earth. It helps in easy identification of the related species. Helps in identifying the unknown organisms with comparison with documents.

Why are specimens preserved?

- For botanical and zoological museum collection
- For morphological studies
- Taxonomic reasons
- For detailed examination (on disease symptoms, nature of pest attack)



Funaria
(Bryophytes)



Agaricus
(Fungi)



Lichen



Pinus (male cone)
Gymnosperm



Pinus (female cone)
Gymnosperm

Neurons

The neuron is the basic working unit of brain - A specialized cell designed to transmit information to other nerve cells, muscle or organ cells. The brain is what it is because of the structural & functional properties of interconnected neurons. The neuron consists of a cell body, dendrite & axon.

Cell Body - In the neuron's core. It carries genetic information, maintains neuron's structure & provides energy. It is enclosed by a membrane that protects it & interacts with immediate surroundings.

Axon - Long, tail like structures that joins cell body at a specialized junction. They are insulated with myelin. This helps axon to conduct electrical signal.

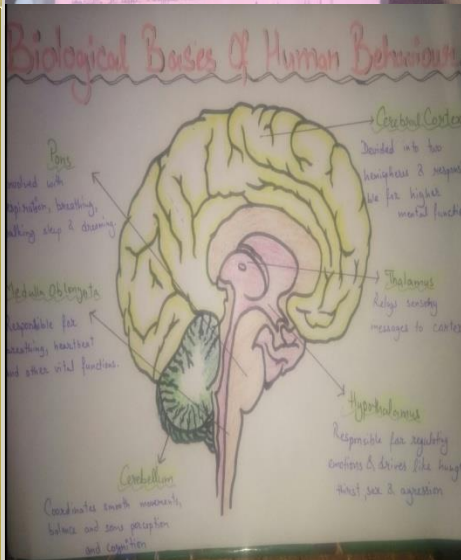
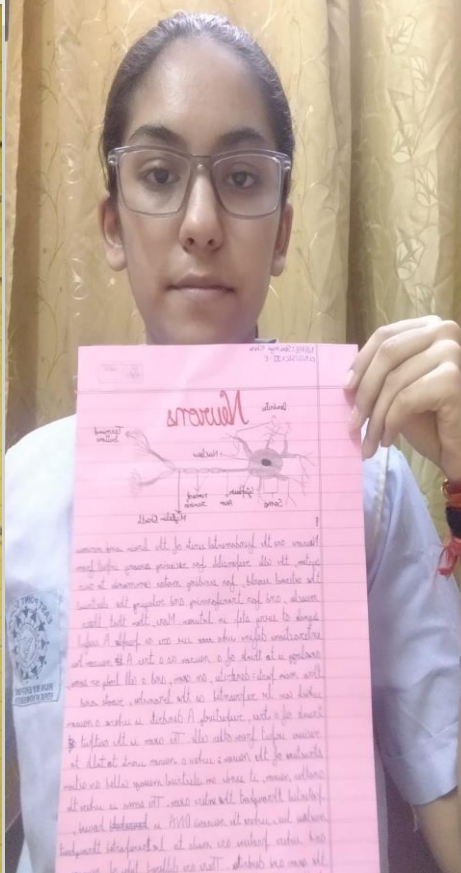
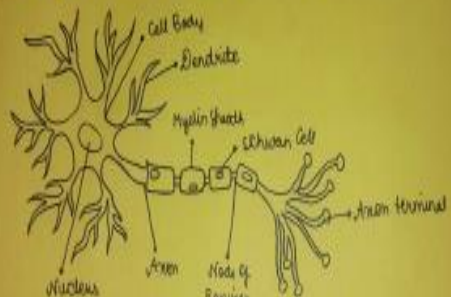
Dendrite - Filamentous roots that branch out from cell body. They receive & process signal from axon of other neurons.

Types of Neurons -

- 1) Sensory Neurons - It helps us to taste, smell, hear, see & feel. They're triggered by physical & chemical inputs from environment.

- 2) Motor Neurons - Play a vital role in movement, including voluntary & involuntary movements. They allow brain & spinal cord to communicate w/ muscles, organs & glands.

- 3) Interneurons - Neural intermediaries found in brain & spinal cord. They pass signals from sensory neurons & other interneurons to motor neurons. They form complex circuits that help us react to external stimuli.



PSYCHOLOGY- XI

Psychology activity was conducted on the topic
“Biological Bases of Human Behaviour”

To improve the conceptual understanding of psychological concepts, students were guided to make a beautifully illustrated and colourful wall chart containing enticing images and informative content. It provides an excellent overview of the topic and covers areas such as:

- Nature of human behaviour.
- Relate the functions of nervous system and endocrine system to behaviour.
- Explain the role of genetic factors in determining behaviour.

SOCIO

To clear the concept of plate tectonic movement for the distribution of oceans and continents, students were guided to do a hands on activity and to give a presentation in class.

GUIDE TO PLATE TECTONICS

CONVERGENT BOUNDARIES

Convergent boundaries occur where two tectonic plates move toward each other. This can result in one plate being forced under another (subduction) or the two plates colliding and pushing together (collision). Subduction zones are characterized by deep ocean trenches and volcanic arcs. Collision zones can result in the formation of mountain ranges and plateaus.

DIVERGENT

PLATE TECTONICS VERSUS CONTINENTAL DRIFT

<p>PLATE TECTONICS</p> <p>Plate tectonics is the theory in geology that describes the features and movements of Earth's crustal plates, in the present and in the past.</p> <p>Earth's lithosphere is composed of different plates, and they began to move in long linear strips.</p> <p>The processes of various major continental and small volcanic to form the great tectonic theory.</p>	<p>CONTINENTAL DRIFT</p> <p>Continental drift is a theory in geology that describes the drifting of Earth's continents on the ocean bed.</p> <p>There are continents on Earth which have drifted on the ocean bed.</p> <p>The movement of similar plates and several species around the shores of different continents proves continental drift theory.</p>
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VOLCANIC HOTSPOT

- A volcanic hotspot is an area in which heat rises as the from deep in the Earth. High h pressure at the base of the litl facilitates melting of rock.
- As the tectonic plate moves on hot spot, the volcanoes are rat new one's form in their place.
- This results in chains of volcan the Hawaiian Islands.

INTRODUCTION

- A tectonic plate is a massive section that used to float on or is continental slab of mantle crust.
- It is a rigid and large section on the surface of the earth, extending to the mid-ocean ridges.
- It usually has a depth of 100 km, extending away 100 km and has one face 10 percent of the surface area lying in the deep ocean.

ward movement of the Indian tectonic plate pushing slowly against the Asiatic pl by the frequent earthquakes in the region.

he movement of the Indian plate towards the Asiatic plate, a major event that led outpouring of lava and formation of the Deccan Traps (shield volcano)

id volcanism started somewhere around 50 million years ago and continued for a

DISTRIBUTION OF FOSSILS

vertical species of plants and animals adapted to living on a fresh water are found on either side of the marine barriers. Other areas regarding accounting for such distribution. The regions that fossils occur in, India, Madagascar and Africa are considered a continental shelf. Similar finding these the continent. Students can see a great variety of fossils in the same region. The presence of fossil species in different parts of the world shows the existence of land which was once connected to each other. This was the super continent Pangea which was formed during the Cretaceous period.

BUSINESS STUDIES ACTIVITY

- ▶ Students were asked to form a Company in Europe and were asked to explain the procedure of incorporating a public limited or a private limited company.

Steps involved in the promotion:

promotion means conceiving a business opportunity and taking an initiative to form a company.

1. Identification of business opportunity
2. Feasibility studies
3. Name approval
4. Fixing up signatories to the memorandum of association
5. Appointment of professional
6. Preparation of necessary documents

FORMATION OF A COMPANY

Formation of a company means bringing a company into existence and starting its business. Our company is Indian company so the head office of our company is situated in India.

The steps involved in the formation of a private limited company are:

- (i) Promotion
- (ii) Incorporation



CLOTHES
DESIGN

Introduction Of Business

Switzerland is famous for its cold climate. Many people are visiting Switzerland every year. They visit cold mountains of Switzerland. So they required winter clothes.

Set up of manufacturing of winter clothes is the best choice of business in Switzerland. There are high demand of winter close every year



Switzerland

ECONOMICS

The students classified their day to day activities into Economic and Non-Economic categories realizing how productive they are throughout their day and what changes must be brought so as to have a more productive lifestyles. They also realised the importance of qualitative data being used for making Economic Models

Group activities performed by your family into economic and non-economic activity

List of activities done by me and my family members

- ◆ Father is in defence services
- ◆ Mother is a homemaker
- ◆ Elder sister is a professor in a university
- ◆ Other sister is a college student
- ◆ I am a student

ECONOMIC ACTIVITY	NON ECONOMIC ACTIVITY
<input type="checkbox"/> Generates income in return	<input type="checkbox"/> Doesn't generate income in return
<input type="checkbox"/> Defence service	<input type="checkbox"/> Homemaker
<input type="checkbox"/> Professor in a university	<input type="checkbox"/> Student of a university

ACTIVITIES

People undertake various activities to satisfy their needs. These activities are broadly classified into two categories-

ECONOMIC ACTIVITIES	NON ECONOMIC ACTIVITIES
<ul style="list-style-type: none"> • Economic activities include those activities which generate income in return. • For example - a mother making extra items, a doctor working in a hospital, a teacher working in a school etc. • It is called as 'purpose' because it involves an objective. 	<ul style="list-style-type: none"> • Non-economic activities include those activities which do not generate income in return. • For example - a person watching TV, a student studying in a school etc.



Give your suggestions for why Quantitative data is used for theories and economic models?

- Applying quantitative methods, models and the corresponding algorithms helps to make more accurate and efficient research of complex economic phenomena and issues as well as their interdependence with the aim of making decisions and forecasting future trends of economic aspects and processes

ACCOUNTANCY

Students were shown some documents like cheque, pay-in-slip, bill etc. from which they passed journal entries. They learnt a real life skill of recording transactions.

CHEQUE ISSUED

ICICI Bank
Secunderabad MAIN Branch
Chola Residency, Vasavi Colony, Korhama, Secunderabad - 500 015.
RTGS / NEFT IFSC Code: ICIC0005008

VALID FOR THREE MONTHS ONLY
15 02 2016
D D M Y Y Y

Pay अता करें *Ravindra Manish Ojha*
Rupees रुपये *Twenty Two lakh thirty five thousand*
₹ 22,35,000/-

Or Bearer
या धारक को

A/c No. 63080
SBIKIT CBS PERSONAL BANKING - NEW SAVINGS ACCOUNT
Payable at par at all branches of ICICI Bank Limited in India
VISA CARD

Signature: *S. K. Reddy*

⑈ 10083 ⑈ 500229009⑈ 551452⑈ 31

Ravindra Manish Dr. 22,35,000
To Bank A/c 22,35,000

CASH DEPOSITED INTO BANK

ALLAHABAD BANK
Branch *Kamla Nagar*

DEPOSIT / PAY IN SLIP
Date: 07/12/2015
Name: *SUNIT TRIPATHI*
Amount: 2,000
Rupees in words: *TWO THOUSAND ONLY*

DEPOSIT / PAY IN SLIP
Name: *SUNIT TRIPATHI*
Total: 2,000

Bank A/c Dr. 2,000
To Cash A/c 2,000

SOLD GOODS ON CREDIT

TAX INVOICE					
TechGuruPlus					
OKHILA INDUSTRIAL AREA, PHASE-1 NEW DELHI - 110020, CONTACT: 9876543210 GST TIN No: 07PPLJ54678K1Z4					
Bill To	Bill From	INVOICE No.	Date		
NAZIM KHAN D-122, Lajpat Nagar, New Delhi-110015 GST TIN No-07PPLJ54678K1Z4	NAZIM KHAN D-122, Lajpat Nagar, New Delhi-110015	36672017-18	14 Dec-17		
Description of Service	HSN CODE	QTY	Units	RATE	Amount
LED LIGHTS	85013410	50	pc	500	25000
Bulbs	85013420	20	Dozens	2300	46000
Total					71000
Less Discount 20%					14200
Taxable Value					56800
ADD CGST 12%			12%		6816
ADD SGST 6%			6%		3408
Total					67024.00
Amount Chargeable (in words) Sixty Seven Thousand and Twenty Four Only Company's PAN: APFD37202					
Note: Please make cheques in favor of "TechGuruPlus"					

Nazim Khan Dr. 56,800
To Sales A/c 56,800

INFORMATICS PRACTICES

SEA Activity

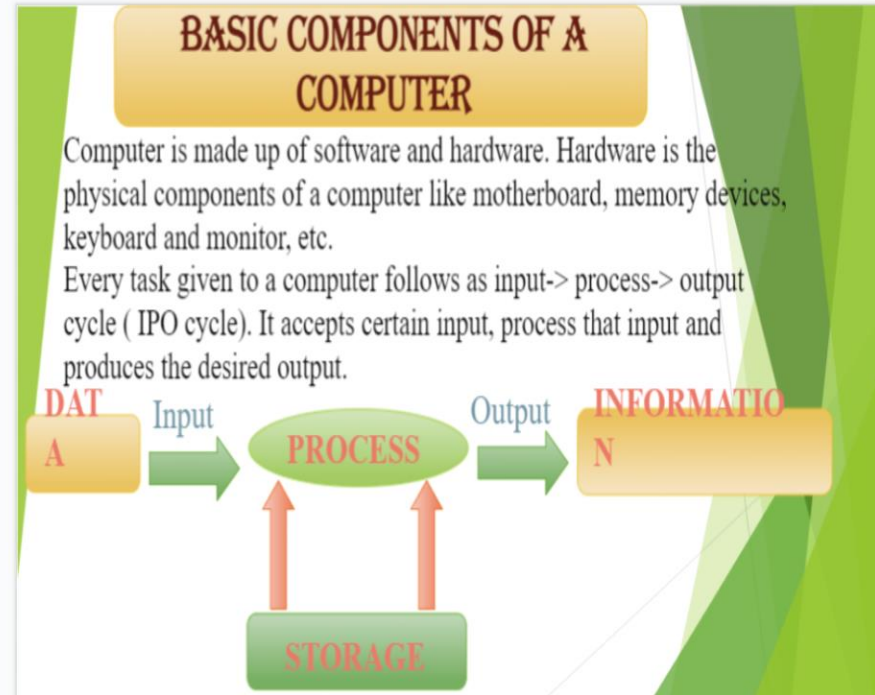
- 1 IP ASSIGNMENT
- 2 WHAT IS MEMORY UNIT IN COMPUTERS?
- 3 INFORMATION ABOUT ROM AND RAM
- 4 CAPACITY AND PRICE OF MEMORY UNIT
- 5 ABOUT COMPUTER UNITS

WHAT IS MEMORY UNIT IN COMPUTER?

Memory unit is a component of a computer system. It is used to store data, instructions and information. It is also known as a main/primary/internal memory. There are two types of memory: Read only memory (ROM) and Random access memory (RAM).

Memory Units

Unit	Capacity
terabyte	1,099,511,627,776
gigabyte	1,073,741,824
megabyte	1,048,576
kilobyte	1,024



A PowerPoint presentation activity was conducted in class on topic “COMPUTER SYSTEM ORGANIZATION & MEMORY UNIT”. Children explained IPO cycle, Memory units, and block diagram of computer using diagrams followed by quiz .

PHYSICAL EDUCATION

YOGA YOG NIDRA



DEEP REST

Modern lifestyle and the stress mostly related to it, keeps our mind in a constant state of arousal, which results in mental and bodily tensions. With the help of Yoga Nidra we can first bypass those negative informations to find consciously a deeper resting space within.

BETER SLEEP

The deep rest which one experiences within Yoga Nidra Practice and the deep effect it has on negative emotions like fear, worries and other tensions, influences the whole being in such a positive way that better sleep is a natural outcome of Yoga Nidra practice.

IMPROVES MEMORY

The technique of Yoga Nidra can be used as an educational tool, where the knowledge is transmitted directly into the subconscious mind. The technique of yoga nidra is helpful in increasing learning and memory capacity. When yoga nidra is used in education, both hemispheres of the brain are involved in learning the subject. The practice of yoga nidra involves the total mind in learning within. Body and mind will follow and will come to a state of deep rest.

ENHANCES IMMUNE SYSTEM

Our lifestyle and tensions have a direct effect on our digestive system, creating different kind of disorders and diseases. With the help of Yoga Nidra finding deep rest and inspirations, also the immune system gets a boost, since it can finally regenerate itself in a time of relaxation within. Body and mind will follow and will come to a state of deep rest.

ENHANCES EMOTIONAL STABILITY

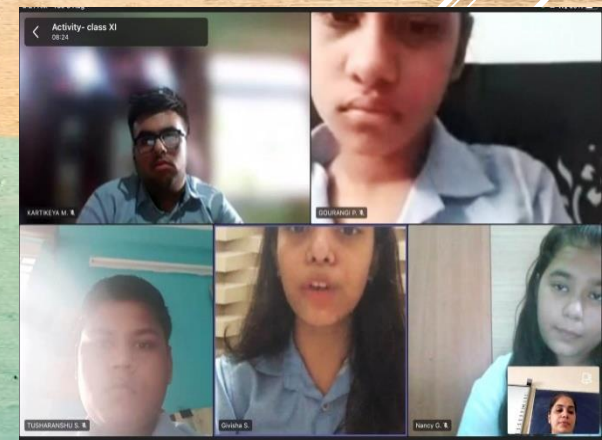
Yoga Nidra slowly moves you towards the deeper realms of the mind where you confront deep-rooted emotional tensions.



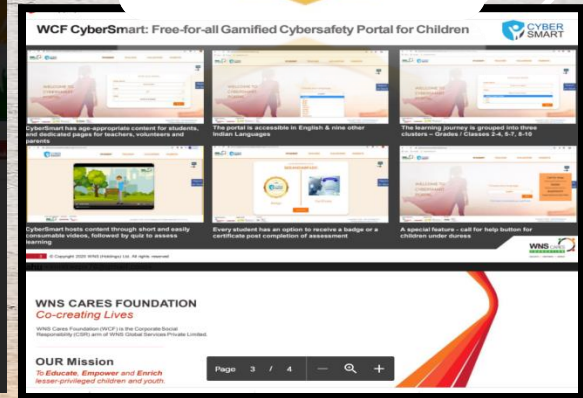
CO-CURRICULAR ARENA

Think Green

“Catch the Rain” is a campaign with the tag line **“Catch the rain, where it falls, when it falls”**, initiated by National Water Mission (NWM) to nudge all stakeholders to create Rain Water Harvesting Structures (RWHS), with people’s active participation, to ensure storage of rainwater, as rains falling in the four/five months of monsoon are the only source of water for most parts of the country. The basic aim of this campaign is to minimize the flow of water out of the compound and to store it so that it can be conserved. This will help in improving soil moisture and raising ground water table. From class 11th students participated in an interactive session on the topic which was organised by Ms. Priya.



CYBER AWARENESS PROGRAM



To create cyber awareness among children animated learning journey conducted by portal WNS CAREFOUNDATION.ORG The students learning journey on the portal clustered into the groups and each theme was represented by a micro learning animated video followed by a 5 Questions quiz. Each learning journey hence had 25 question assessment to check learning. Students logged in to the portal and experienced the journey of cyberworld. After completions of all the themes and their respective journey, the students downloaded a badge & certificate and became Cybersmart .

SPECIAL MORNING ASSEMBLY

Virtual Morning assemblies for class are conducted. They begin with prayer, thought of the day and special occasions are also celebrated virtually. Special assembly on Independence day was presented by Vivekananda house where children presented patriotic songs ,with dance .



**ONLINE COURSE
BY
Indian Space Research
Organization (ISRO)
TOPIC: Usefulness of Remote
Sensing & GIS for Environmental Studies**



My name is Sameer Mathur I study in class XI-B recently I participated in the Online Summer School course program for School Students on Usefulness of Remote Sensing & GIS for Environmental Studies it was organized by Indian Space Research Organization (ISRO) and was conducted online by Indian Institute of Remote Sensing (IIRS).

My experience in this online course was very nice, this course was 5 days course for classes 9-12 students and there were 2 lectures every day including 2 quizzes on the basis of lectures that were conducted and the number of total lectures were 10 the course was very knowledgeable and we could asks doubts from the lecturer in the chat box, participants can only get the certificate if there percentage was above 55%.

IIRS conducts this course every year, I prefer that my junior of classes 9 and 10 should participate in this course and increase their knowledge aboutt remote sensing and GIS.

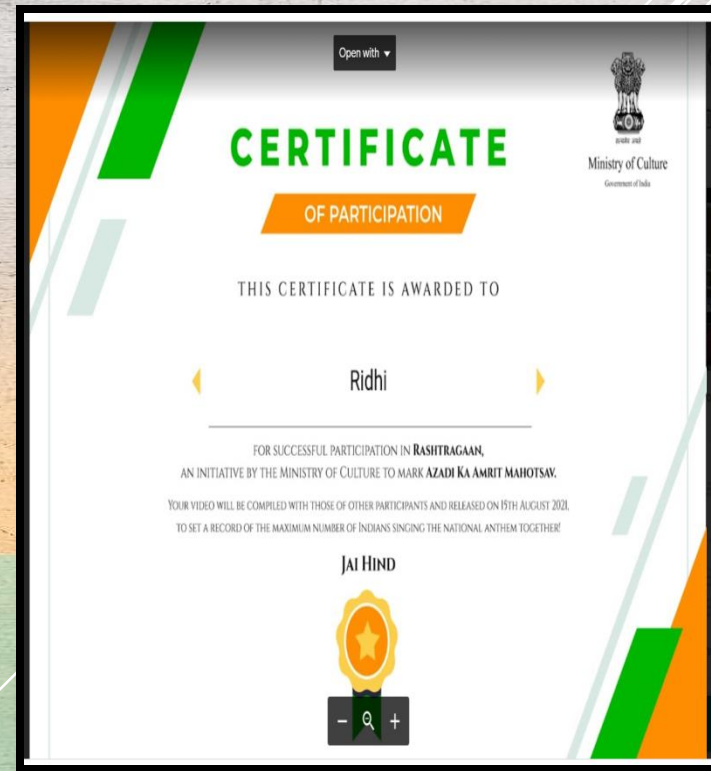
Thank you

Sameer Mathur

Class XI-B

CELEBRATION OF AZADI KA AMRIT MAOTSAV

Class participated in the program Let us sing the “ The National Anthem” and sent recorded national anthem in their voice .Certificate of participation was awarded.



NATIONAL HANDLOOM DAY CELEBRATION

An online essay competition was organized by NIFT HYDERABAD on 7th August for XI –XII students.

Topic-

“Handloom-An Indian Legacy”

Sameer Mathur of XIB participated in the competition & expressed his views on handloom through an essay.

East Point School

Vasundhra enclave,

Delhi- 96

Name- Sameer Mathur

Class- XI-B



Heritage Handlooms

Handloom refers to the art of weaving fabrics in a designer manner whereas they are used by skilled artisans to weave fabrics usually from natural fibers like Cotton, Silk, Wool, Jute etc. It is a cottage industry where the entire family is involved in the production of cloth. Right from spinning the yarn, colouring, to weaving on the loom if done by them. Fabric produced from these looms is also referred to as Handloom.

The tools required for this entire process are made from wood, sometimes bamboo and they do not require any electricity to run them. The entire process of fabric production was totally manual in earlier times. Thus this is the most eco-friendly way of producing clothes.

Indian Handloom dates back to the Indus valley civilization. Even in ancient times, Indian fabrics were exported, Rome, Egypt and China.

In earlier times, almost every village had its own weavers who made all the clothing requirements needed by the villagers like sarees, dhotis, etc. Some areas where it is cold in winter there were specific wool weaving centers. But everything was Hand-Spun and Hand-Woven.

INTER SCHOOL FEST

कविता के पंखों पर मन की उड़ान

पूरे जीवन जो भी कर्म किया, उसके फल से ना बच पाएगा
धन-दौलत सब छोड़कर, बस यादों को ले जाएगा।
दोस्त हो या हो तेरा दुश्मन, बस देखता रह जाएगा।
तेरी अंत घड़ी जब आएगी तुझे कोई बचा ना पाएगा।

तेरी उपलब्धियाँ यही रह जाएगी, परंतु तेरा सम्मान तेरे साथ जाएगा,
अपने ख्वाबों की पतंग को ढील दे थोड़ी, सफल तू हो जाएगा।
धन- दौलत का तू शौक ना रख, बस लोभ रख सम्मान का,
क्योंकि तेरी अंत घड़ी जब आएगी तू अभिमान से जाएगा।

किसी के लिए दुर्भावना ना रख, रख मन अपना प्रफुल्लित,
तेरी मीठी वाणी से तू, सबके मन को भाएगा।
और मन दुखा कर किसी का, तू कभी दुआ ना पाएगा
देकर लोगों को मुस्कान, तेरा मन भी मुस्कुराएगा।

जब तेरी अंत घड़ी आएगी तू हस्ते-हस्ते जाएगा।

Pop Art using waste stuffs



'DIGITAL TALISMAN ON FROM CONVENTION TO INNOVATION'

'A SANKALAN OF WITPICKS' – A ONE-DAY LITERARY FEST ORGANIZED BY "KALKA PUBLIC SCHOOL" COMPRISING OF A WIDE RANGE OF EVENTS ON DIVERSE FORMS.

JATIN & SHIVANGI OF XIB PARTICIPATED IN THE EVENT IN THE CATEGORY POP ART & HINDI POEM RECITATION

AI FOR ALL A JOINT INITIATIVE BY CBSE & INTEL INDIA



Hon'ble Prime Minister of India, Shri Narendra Modi, launched a new initiative 'AI For All', a program for public awareness on Thursday, July 29, 2021. This program is driven by the Central Board of Secondary Education, Ministry of Education, Government of India, in collaboration with Intel India.

National Education Policy 2020 acknowledges the importance of Artificial Intelligence (AI) and emphasizes on preparing students for an AI driven economy. The policy focuses on making education more experiential and future-oriented, building crucial skills such as data analysis, computational thinking etc. from a young age through teaching of contemporary subjects such as Artificial Intelligence. I wish that every student of EPS must go through this program to get aware towards emerging technology of AI..
Attended by: Ms Sunita Sahu (HOD IT DEPT)

Career Festival

As part of the initiative of our school to provide best career opportunities and options to choose courses after class XII, EPS organized a *Career Festival* on 31st July 2021 for the *students of Classes XI to XII* in collaboration with *Campus Coach* - India's leading On-Campus Mentoring Program for Schools. Students were given chance for open ended questions regarding there queries for different careers. Students participated enthusiastically.

Sunita Sahu
(CT)

MR. TRILOKENDRA
SINGH
(CLASS-TEACHER)

Pushing students for inter-disciplinary and art-integrated studies to widen their perspective about the world

SHIVANGI'S PARENTS'
ADDRESS

East point school provides best teachers for commerce stream. Teachers are very helpful and supportive. Children are asked to participate in many workshops regarding their career and many workshops are organized. Regular parents teachers meeting and interaction are held which helps to communicate teachers regarding the children.

MR. VIKAS
(CLASS-REPRESENTATIVE) True teachers are those who use themselves as bridges over which they invite their students to cross; then, having facilitated their crossing, joyfully collapse, encouraging them to create their own.

Designing of Question Paper:

A workshop on designing Question Paper was conducted by the principal, Ms. Archana Srivastava wherein she guided the teachers about the kind of questions to be included like application-based, Multiple choice Index, Reasoning based and so on. The agenda was to make students equipped with all the concepts and in-depth knowledge of the subject. The workshop was very informative for the teachers as it included a variety of questions which are a must for the students to know and attempt.

1. **Understanding Gender and their Relationship**
2. **“Earthian- Paryavarn Mitra Programme”**
organised by CEE
and Wipro
Foundation

The workshops were very insightful and enlightened us with important lessons on teaching. It was enlightening to know how story-telling can be inter-disciplinary and can be used as a new pedagogy.

HAPPY BIRTHDAY

everyone born in the month

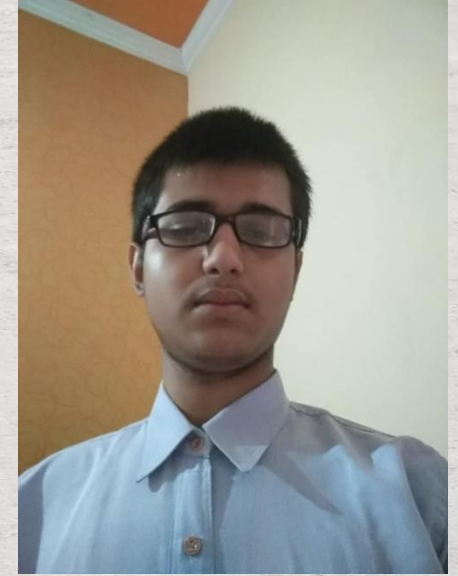
AUGUST



**HARSH GOSWAMI (4
AUGUST)**



NISHA VERMA (21 AUGUST)



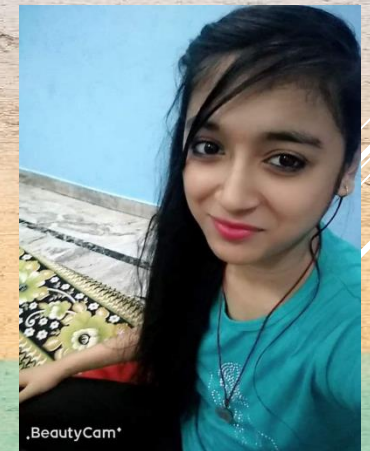
**SHASHANK SINGH (30
AUGUST)**



**KHUSHI SISODIYA (13
AUGUST)**



**• DISHA GUPTA (22
AUGUST)**



**MUSKAN MISHRA (25
AUGUST)**



RIYA SINGH (31 AUGUST)



• RISHI RAJ (16 AUGUST)




• VANSH (28 AUGUST)



• MAHI (24AUGUST)



• SHAILY (11 AUGUST)



LEARNING IS
NEVER DONE
WITHOUT ERRORS
AND DEFEAT.

Vladimir Lenin