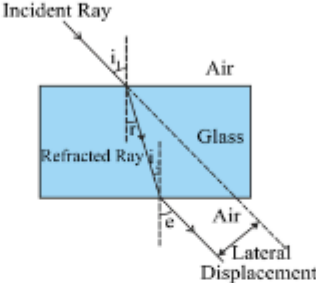

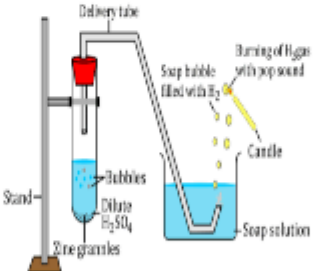




Class: X					No. of Working Days	17	
CLASS TEACHERS:		XA Ms K JYOTHI LAKSHMI	XB Ms RADHIKA	XC Ms MALLESHWARI	XD Ms BEULAH SUHASINI	XE Ms NAGAJYOTHI	
S No.	Name of Subject &	Lesson / Topic	Activity/ Experiment	Material Required	Teacher's Demonstration	Additional Information	Relevance of the topic to real life
1	ENGLISH - Ms. BEULAH SUHASINI, Ms.PALLABI CHATTERJEE	TB:Nelson Mandela-Long Walk to Freedom, A Tiger in the Zoo,Two Stories about flying-I SR: The Thief's Story Gr:Determiners Wr:Formal Letter-Order, Complaint	Declamate a speech of Nelson Mandela,Venn Diagram which compares and contrasts the life of wild animals in its natural habitat to the caged surrounding of the zoo.	Textbook, Supplementary Reader, Reference Material	The teacher will discuss another poem on animals and compare and contrast both the poems " A Tiger in the Zoo" and "Animals", by Walt Whitman. (Youtube Version of the poem"Animals")	The teacher will discuss about the life of Martin Luther King Jr. and his famous speech "I Have A Dream". https://youtu.be/vP4iY1TtS3s?si=dvN4Svc_sQ8snClg	The teacher will:discuss about the struggles faced by Nelson Mandela and Martin Luther King and their contributions for the betterment of their people,hold a class discussion on "What does freedom mean to Gen Z?".
2	II LANGUAGE (TELUGU) Ms. MADHAVI. Ms. CHANDRAKALA Ms. PRASUNA	LS 2 ఎవరిభాష వారికీ వినసొంపు సంధులు : పుంపాస్, పడ్వాది, రుగాగమ దినచర్య	చాలా రోజుల తరువాత పాఠశాలకు వచ్చావు కదా! ఈ నాటి భావాలను దినచర్యలో వ్రాయండి.	తెలుగు వాచకం	వ్యాకరణాంశములను ఉదాహరణలతో వివరించుట. పాఠ్యాంశాన్ని చదివించి,వివిధ ప్రాంతాలలోని మాండలికాలు, అర్థభేదాలను వివరించుట.	తెలుగు భాషా పద ప్రయోగాలను తెలుపుట.	వివిధ పదాల అర్థాలను తెలుసుకొని సంధర్పించితంగా ప్రయోగించటానికి ప్రయత్నిస్తారు.
3	II LANGUAGE (HINDI) Ms AMITA VERMA Ms SAROJ P Ms JAYSHRI V	स्पर्श-२- 1. ततार्रा-वामीरो (गद्य) 2- तोप (पद्य) 3- वाक्य रूपांतरण 4-अनुच्छेद लेखन	छात्रों से पाठ से सम्बंधित पूर्व ज्ञान के प्रश्न पूछे जाएंगे। प्रसिद्ध इमारतों के इतिहास से सम्बंधित जानकारी पर कक्षा में चर्चा की जाएगी।	पाठ्य -पुस्तक , व्याकरण पुस्तक	अध्यापिका छात्रों को विरासत में मिली वस्तुओं को संभालने के प्रति जागरूक करेंगी। सम्बंधित पाठों की बेहतर समझ के लिए वीडियोज दिखाए जाएंगे।	आदिवासियों के जीवन और उनके रहन-सहन से परिचित करवाने का प्रयास करेंगी। ब्रिटिश राज और उनके द्वारा बनाए गए कंपनी बागों की जानकारी देंगी।	1. व्यक्ति को समयानुसार बदलना चाहिए। 2. अपनी विरासतों को संभाल कर रखना चाहिए।
4	MATHEMATICS MS. K. SANDHYA, MS. MALLESHWARI, MS. NAGAJYOTHI	CH-13 STATISTICS CH-14 PROBABILITY	Finding the median and mode of the given data graphically	Sketch pens, Ruler, Graph sheets	Teacher will demonstrate about the processing of data for finding the median and mode.	Application of all methods for finding the mean, median and mode. Teacher will support with probability approach to events.	Statistics provide an approach to study of data, collection of data. In Games like Blackjack, poker, all sports, board games ,video games use concept of probability .

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5	SCIENCE (PHYSICS) Ms K JYOTHI LAKSHMI, Mr VARAPRASAD, Ms LAKSHMI MANASA	LIGHT - REFRACTION, POWER. Refraction through glass slab, refractive index, spherical lenses, ray diagrams, numericals and power.	Experiment to show refraction through rectangular glass slab to represent the bending of path of light. Draw ray diagrams to show the path of incident ray and refracted ray in order to decipher the position and nature of image formed.	Glass slab, pins, scale, protractor, convex lens, concave lens, candle and screen.		State the laws of refraction of light in order to understand how light travels in a two different media when it encounters another object	Refraction can impact the visibility of objects underwater or behind glass, affecting safety and security measures. Functioning of lenses in eyeglasses, microscopes, telescopes, and cameras. The phenomenon of mirages, where distant objects appear displaced or distorted due to varying air densities and temperatures. 
6	SCIENCE (CHEMISTRY). Ms K JYOTHI LAKSHMI, Ms LAKSHMI MANASA	ACIDS, BASES AND SALTS. Indicators, Reaction of acids and bases with metals. Reaction of metal Carbonates and metal Hydrogencarbonates React with Acids.	Reaction of zinc granules with dilute sulphuric acid and testing hydrogen gas by burning. Passing carbon dioxide gas through calcium hydroxide solution	Test tubes, delivery tube, lime water, Sodium carbonate, Zinc granules, burning splinter and dilute Sulphuric acid.		Types of Indicators and how they change their colour in acidic, basic and neutral solutions.	Vinegar (acetic acid) is used as a natural cleaner due to its acidic properties, while ammonia (a base) is a common ingredient in window cleaners. Citric acid is used in shampoos to adjust pH, and sodium hydroxide is used in soap making. 
7	SCIENCE (BIOLOGY) Ms. D S P V NAGALAKSHMI, Ms. KVL TRIVENI, Ms. B NAGAVEENA	Life Processes	Observation of stomata under the microscope	Leaves	Teacher shows the children how to peel the underside of leaf and mount it on the glass slide and observe it under the microscope.	Like humans, livestock animals need a balanced diet containing all the necessary nutrients, fluids, minerals, and vitamins. Proper nutrition gives your animals the vigor to grow, develop, and reproduce, and strong immunity to fight off infections.	Proper nutrition is critical during childhood and adolescence for optimal growth, development and learning. Nutrient deficiencies during these stages can lead to stunted growth and cognitive impairments.

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8	SOCIAL SCIENCE Ms S RADHIKA Ms C SREEJYOTHI	Civ 2 Federalism Hist 1 The Rise of Nationalism in Europe	Presentation and discussion on the French Revolution after watching animations/films/reading stories or novels related to French revolution.	Digital Board Notebook and required stationery	Debate on policies and politics that strengthens Federalism in practice and present through mind map	A special talk on Distribution of powers between Union and State Government with their outcomes.	(i) Federalism works on the principle of power sharing which leads to social peace. (ii) Federal system has dual objective, i.e., to safeguard and promote unity of our country India. Analyse and infer the evolution of the idea of nationalism which led to the formation of nation states in Europe and elsewhere.	
9	Computer Applications (165) Ms. P NANCY NEWTON Ms.MAYA	Unit 3: Cyber ethics • Netiquettes. • Software licenses and the open source software movement. • Intellectual property rights, plagiarism and digital property rights. • Freedom of information and the digital divide. • E-commerce: Privacy, fraud, secure data transmission	Activity and Project report on "Reasons of Digital Divide" "Ethics related to E-Commerce and computer"	Text Book, Internet, Smart Board,PPTs	Teacher will demonstrate the importance and how Cyber ethics help safeguard individual privacy, data security, and intellectual property rights while also promoting respectful and honest interactions in cyberspace.	https://www.youtube.com/watch?v=hVJqHggF59A https://www.youtube.com/watch?v=aSl15yYhZ1A	Cyber Ethics in a Real World https://www.youtube.com/watch?v=hVJqHggF59A Why is Bengaluru topping the list of cybercrime cases in India? Karnataka topped the list of states with 12,549 cyber crime cases out of the total 31,908 cases registered in 2022 Cybercrime Incident Report (CIR) https://www.youtube.com/watch?v=RjoyP8CNOg	
10	ARTIFICIAL INTELLIGENCE Ms. P NANCY NEWTON NEW TEACHER	Unit-1: INTRODUCTION TO ARTIFICIAL INTELLIGENCE Ls-2 Basics of AI: Let's Get Started Subject Specific Skills Unit 2: AI Project Cycle	Gamified tools for each domain Data Sciences- Impact Filter https://artsexperiments.withgoogle.com/impactfilter/ CV- Autodraw https://www.autodraw.com/ NLP- Wordtune https://www.wordtune.com/	CBSE Hand book, Text Book, Internet	Introduction to AI and related terminologies. • Introducing AI, ML & DL. • Introduction to AI Domains (Data Sciences, CV & NLP)	Virtual Field Trips to Explore Careers of the Future Career Tours are free, interactive virtual field trips that inspire students to pursue careers of the future by exploring Amazon's technologies. Tour whenever, wherever on Kahoot!. https://www.amazonfutureengineer.com/career_tours#TourPreviews	Explore the use of AI in real Life. Learn about the ethical concerns involved in AI development, such as AI bias, data privacy and how they can be addressed.	

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11	EVENTS	Inter House CCA - Collage					
12	HOLIDAYS	17th - Bakrid					
13	HPE/YOGA	Free hand exercises, seva and basic standing asanas					
14	IMPORTANT DAYS	12th June School Reopens					



FORM INCHARGE
K JYOTHI LAKSHMI



VICE PRINCIPAL
Ms. B NAGAVEENA



PRINCIPAL
Ms K VINITHA