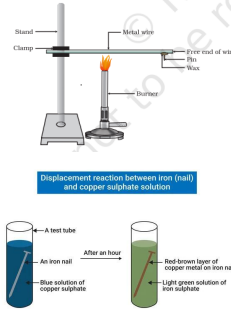


Class: X No. of Working Days: 21							
CLASS TEACHERS: XA Ms D. NAGAJYOTHI XB Ms BEULAH SUHASINI XC Ms NAGALAKSHNI XD Ms V. RAJITHA XE Ms K. JYOTHI LAKSHMI							
S No.	Name of Subject & Subject Teacher	Lesson / Topic	Activity/ Experiment	Material Required	Teacher's Demonstration	Additional Information	Relevance of the topic to real life
SCHOLASTIC							
1	ENGLISH Ms. BEULAH SUHASINI Ms. G.LAKSHMI Ms. GOWRI JAYAN	TB & WB : From the Diary of Anne Frank, Amanda SR: Footprints without Feet Grammar: Modal verbs, Subject Verb Concord, Writing: Letter to the Editor, Letter of Enquiry; Revision for PT II	Students discuss the ethics of a profession and the repercussions of unethical means on the society.	reference material	Teacher provides multiple anecdotes for students to understand the theme, plot and characterisation	Teachers will highlight the analysis the prose and poetry taught in class	The teacher will provide a platform for students to express their emotions similar to the characters in the stories read,
2	II LANGUAGE (TELUGU) Ms. MADHAVI Ms. PRASUNA Ms. VIJAYA JHANSI	4. భాగ్యదయం- నోట్స్ 5. నీతి పరిమళాలు - 5 and 6 పద్యాలు- బావాలు, నోట్స్. (లేఖ, దినచర్య, సంభాషణ) ఉపవాచకం: LS 2 సమయస్ఫూర్తి సంస్కృత సందులు - (సవర్ణదీర్ఘ, గుణ,	ఉపవాచకం: LS 2 ప్రకాశపరసం పద్యాలు RECITATION ఏదైనా ఒక పద్యం ఆధారంగా కథ. SPEAKING.	తెలుగువాచకం	నైతిక విలువలు, మంచి నడవడి అలవదుకు వాలనివివరించుట. సమయస్ఫూర్తితో మెలగాలని కథ ద్వారా వివరించుట.	బీర్బల్, తెనాలి రామకృష్ణుడు సమయస్ఫూర్తితో వారు ఏ విధంగా ప్రజాభిమానాన్ని పొందారో వివరించే కథలను చర్చించుట.	దైనందిన జీవితంలో సమయస్ఫూర్తితో మెలగాలని ప్రయత్నిస్తారు.
3	II LANGUAGE (HINDI) Ms.AMITA VERMA Ms. SAROJA	गद्यांश- अब कहाँ दूसरों के दुःख से दुखी होनेवाले पद्यभाग- मनुष्यता	छात्र अपने पशु-पक्षियों के प्रति अपने संवेदनशील अनुभव कक्षा में साझा करेंगे	पाठ्यपुस्तक श्यामपट्ट स्मार्ट बोर्ड	शरीरकर्म और वनों की कटाई से पर्यावरण पर पड़ने वाले प्रभाव पर चर्चा करते हुए पाठ को आगे बढ़ाया जाएगा शरीकरण पर वाद-विवाद करवाया जाएगा	प्रकृति के प्रति मानवीय स्वार्थ और उसके दुष्प्रभावों (बाढ़, गर्मी, आपदा) को समझाया जाएगा	विद्यार्थी जीव-जंतुओं के प्रति व्यावहारिक रूप से संवेदनशील बनेंगे
4	MATHEMATICS Ms.R.MALLESHWARI Ms. D.NAGAJYOTHI Ms. P.K.KRANTHI	CH-13, STATISTICS CH-14, PROBABILITY CH-5, ARITHMETIC PROGRESSIONS	2. System of pair of linear equations in two variables-22 3. Find the median of the data graphically -44 4. Find the mode of the data graphically-47 5. (A) Idea of probability-100	Sketch pens, Ruler, Graph sheets	A teacher's demonstration on probability uses simple tools like coins, dice, or spinners to show how chance works. It helps students see the difference between what should happen (theoretical) and what actually happens (experimental) during trials	Probability is the mathematical study of chance and uncertainty. It measures how likely an event is to occur, with values ranging from 0 (impossible) to 1 (absolute certainty).	Probability is the mathematical study of how likely events are to happen. It helps people make smart choices, manage risk, and predict future outcomes under uncertainty

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5	SCIENCE (PHYSICS) Ms. K JYOTHI LAKSHMI Ms. LAKSHMI MANASA Mr. NAGA KUMARI	Ch-10 The Human eye and the colourful world. Human eye and its function. Power of accommodation, Defects of vision and their correction, Refraction of light through a prism, Dispersion of white light, Atmospheric refraction, Scattering of light.	Refraction of light through a prism.	Glass Prism, soft board, soft board pins, A4 sheet, pencil, protractor, scale.	A teacher's demonstration on probability uses simple tools like coins, dice, or spinners to show how chance works. It helps students see the difference between what should happen (theoretical) and what actually happens (experimental) during trials 	Defects of vision and its using proper eye lens with correct power of a lens. Formation of rainbow in nature. Twinkling of stars, Advance sunrise and sunset. Tyndall effect. Why is the colour of the clear sky is Blue?	Eyeglasses and Lenses: Corrects common eye flaws like myopia (short-sightedness) and hypermetropia (long-sightedness) using corrective lense. Medical Treatments: Helps doctors treat age-related vision cloudiness, known as cataracts, through safe surgical procedures. Safety and Design: Improves how we build car headlights, camera lenses, and computer screens by copying how human pupils and rods/cones process light and dark. Understanding Nature and Weather.
6	SCIENCE (CHEMISTRY) Ms. K JYOTHI LAKSHMI Ms. LAKSHMI MANASA Ms. VARSHA	METALS AND NON-METALS • Physical properties of metals and non-metals. • Chemical properties – reaction with oxygen, water, dilute acids and salt solutions. Reactivity series.	Activity 1: Students classify everyday objects (iron nail, aluminium foil, copper wire, charcoal, sulphur) into metals and non-metals by observing lustre, hardness, malleability and conductivity. Activity 2: Perform the displacement reaction by dipping an iron nail in copper sulphate solution and record observations.	Activity 1: bunsen burner, stand with clamp, metal rod, match box. Activity 2: CuSO ₄ , iron nails, water, H ₂ SO ₄ , 2 beakers, a thread, 2 test tubes and holder.		Explain why sodium and potassium are stored in kerosene, why aluminium does not corrode easily due to its oxide layer, and why ionic compounds have high melting and boiling points. Discuss alloy formation (steel, brass, bronze) and methods of preventing corrosion such as painting, galvanisation and electroplating.	Metals are widely used in electrical wiring, construction, transport, cooking utensils and medical equipment due to their properties. Understanding corrosion helps increase the life of bridges, vehicles and pipelines. Recycling metals conserves natural resources, saves energy and reduces environmental pollution, promoting sustainable development.

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7	SCIENCE (BIOLOGY) Ms. D S P V NAGALAKSHMI Ms. KVL TRIVENI Ms.U. SUJATHA	Control and coordination	Experiment to show Phototropism	Germinating seeds, mesh,cardboard	Fill a conical flask with water. Cover the neck of the flask with a wire mesh.Keep two or three freshly germinated bean seeds on the wire mesh. Take a cardboard box which is open from one side. Keep the flask in the box in such a manner that the open side of the box faces light coming from a window . After two or three days, you will notice that the shoots bend towards light and roots away from light. Now turn the flask so that the shoots are away from light and the roots towards light. Leave it undisturbed in this condition for a few days.Observe the changes.	Phototropism, the growth of a plant towards a light source, is crucial for plant survival and health. It enables plants to maximize light absorption for photosynthesis, which is the process by which plants convert light energy into chemical energy for growth.	Coordination in plants refers to the synchronized working of different plant parts to respond to environmental stimuli and regulate growth, all achieved through chemical signaling using plant hormones, also known as phytohormones. Unlike animals, plants lack a nervous system and rely on this hormonal system to coordinate their activities.

NON - SCHOLASTIC

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FORM INCHARGE
Ms. RAJITHA

HEADMISTRESS
Ms.S. RADHIKA

PRINCIPAL
Ms. K VINITHA