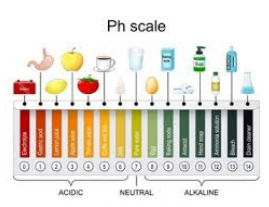


Class: X No. of Working Days: 26							
CLASS TEACHERS: XA Ms D. NAGAJYOTHI XB Ms BEULAH SUHASINI XC Ms NAGALAKSHNI XD Ms V. RAJITHA XE Ms K. JYOTHI LAKSHMI							
S No.	Name of Subject & Subject Teacher	Lesson / Topic	Activity/ Experiment	Material Required	Teacher's Demonstration	Additional Information	Relevance of the topic to real life
SCHOLASTIC							
1	ENGLISH Ms. BEULAH SUHASINI Ms. G.LAKSHMI Ms. GOWRI JAYAN	TB & WB: Two Stories about Flying-I & II, How to Tell Wild Animals, The Ball Poem SR: The Midnight Visitor Gr: Determiners Wr: Formal Letter (Enquiry & Editor)	Students suggest an alternative ending to the story "Black Aeroplane" and have a brainstorming session on "The importance of presence of mind in solving real-life problems".	Textbook, Supplementary Reader, Reference Material	The teacher will discuss: the various themes for the two poems, the humour involved in the poem "How to Tell Animals" and explain the usage of the grammar concept in everyday conversation.	The teacher will discuss: the poetic devices, the importance of hope, grit, determination and perseverance in times of need.	The teacher will ask the students to share their experiences or feelings related to some loss in life and how did they overcome the situation.
2	II LANGUAGE (TELUGU) Ms. MADHAVI Ms. PRASUNA Ms. VIJAYA JHANSI	3. ప్రపంచ పదులు 4. భాగ్యోదయం- బోధన, నోట్స్ (లేఖ, దినచర్య, సంభాషణ) సమాసాలు: ద్వంద్వ, ద్వీగు, బహువ్రీహి 5. నీతి పరిమళాలు : పద్యాలు భావాలు- 3 and 4	పద్యాలను రాగ, భావయుక్తంగా ధారణ చేయించడం శ్రవణ నైపుణ్యాలను పరిశీలించుట.	పాఠ్యపుస్తకం	జీవితంలో నిరాశ, నిస్సహాయతకు లోను కాకుండా అనుకున్నది సాధించడానికి ఆత్మవిశ్వాసం పెంపొందించుకోవాలని, మనుషులంతా పుట్టుకతో సమానమని వివరించుట.	ఆత్మవిశ్వాసం గురించి స్వామి వివేకానంద చెప్పిన సూక్తులను, సమానత్వం గురించి డా. బి.ఆర్. అంబేద్కర్, మహాత్మా గాంధీ చేసిన పోరాటాలను వివరించుట.	
3	II LANGUAGE (HINDI) Ms.AMITA VERMA Ms.saroja	पाठ-डायरी का एक पन्ना पद्यभाग - मीरा के पद	मीरा के पदों का गायन करवाया जाएगा	पाठ्यपुस्तक श्यामपट्ट	स्वतंत्रता संग्राम की चर्चा की जाएगी , पाठ का सन्दर्भ समझाते हुए पाठ समझाया जाएगा मीरा के पदों का भाव समझाया जाएगा	स्वतन्त्रता आन्दोलन के बारे में बताया जाएगा	देश की स्वतंत्रता के प्रति सजग रहेंगे , भक्ति का भाव जागेगा

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4	MATHEMATICS Ms.R.MALLESHWARI Ms. D.NAGAJYOTHI Ms. P.K.KRANTHI	CH - 8 INTRODUCTION TO TRIGONOMETRY CH - 9 HEIGHTS AND DISTANCES CH-13 STATISTICS	Trigonometric ratios and trigonometric values of some specific angles. Finding the median and mode of the given data graphically	Sketch pens, Ruler, Graph sheets	Teacher will explain the formulae for finding the mean, median and mode	Astronomers use Trigonometry to calculate how far stars and planets are from the Earth. This Mathematical technique is used by NASA Scientists when they design and launch space shuttle and Rockets.	Architects use Trigonometry triangles to calculate the slope of roofs. Statistics provide an approach to study of data, collection of data. Application of all methods for finding the mean, median and mode.
5	SCIENCE (PHYSICS) Ms. K JYOTHI LAKSHMI Ms. LAKSHMI MANASA Ms.Naga Kumari	LIGHT: ,lens ray diagrams and sign conventions, related numericals, power, related numericals .The Human Eye, Defects of vision and their correction, Refraction of light through a prism, A dispersion of white light by a glass prism.	1.Model of Human Eye,2. Dispersion through prism, 3.Tyndall effect setup.	1. clay/balloon/globe, lenses (convex/concave), colored paper, string, 2.Glass prism, narrow slit (cardboard), white screen, 3.Light source, Glass of water + milk, two converging lenses, screen.	1. Build a basic eyeball model: cornea, iris, lens, retina; show size & shape, light path. 2. Direct sunlight or torch light through slit → prism → observe spectrum VIBGYOR.	1. Helps visualize how the eye focuses images via refraction. 2. Shows how white light is composed of seven colours.	1. Understanding of corrective lenses, eye function. 2. Basis of rainbows, prisms in optics (spectacles, cameras). Atmospheric optics, pollution visibility, signal light colours.
6	SCIENCE (CHEMISTRY) Ms. K JYOTHI LAKSHMI Ms. LAKSHMI MANASA Ms. VARSHA	ACIDS, BASES AND SALTS: Reactions of Metallic Oxides with Acids, Non metallic Oxide with Base, Neutralisation, common property of acids and bases, dilution, release of ions, Strength of acids and bases, pH and Chemicals from common salt.	Experiment to find pH values of different acids and bases and salts and observing the colour changes	Universal indicator/ pH paper, Hydrochloric acid, Sulphuric acid, Tomato juice, Lemon juice, Baking soda, Lime water , Sodium Hydroxide etc		Importance of pH in everyday life. example pH of soil, pH of water bodies, pH of digestive system, pH of tooth decay. Info about some naturally occurring acids like Vinegar, Tartaric acid and Tannic acid etc.	Chlor-alkali process---When electricity is made to pass through an aqueous solution of NaCl, it decomposes to form NaOH and Chlorine. So this process is called chlor-alkali process because of two products-chlor for Chlorine and alkali for Sodium hydroxide. $2\text{NaCl(aq)} + 2\text{H}_2\text{O(l)} \rightarrow 2\text{NaOH(aq)} + \text{Cl}_2\text{(g)} + \text{H}_2\text{(g)}$ It is used in fertilizers, PVC, CFcs, Pesticides, paper making, artificial, fibres, soap and detergents.

NON - SCHOLASTIC

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10	HPE/YOGA	Yoga - Suryanamaskars, Asanas					
11	HOLIDAYS	NIL					
12	IMPORTANT DAYS	PTM - 25-07-2026					
13	EVENTS	04-07-2026- Investiture Ceremony, 15-07-2026 - Founder's Day Smt. Dr. Surgabai Deshmukh Jayanthi					
14	EXAMINATIONS	PT-1 from 06-07-2026 to 14-07-2026					
15	SPORTS	TT, Badminton, Chess - Boys and Girls - 15-07-2026, Football (Boys), Volley Ball (Girls) on 29-07-2026					
16	CCA	Poster Making on 08-07-2026, Group singing on 22-07-2026					

FORM INCHARGE

Ms. RAJITHA

HEADMISTRESS

Ms.S. RADHIKA

PRINCIPAL

Ms. K VINITHA