

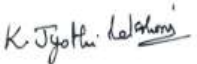




DDMS P OBUL REDDY PUBLIC SCHOOL		SCHOLASTIC & NON-SCHOLASTIC MONTHLY LOG: JULY (2024-25)					
		Class: X		No. of working days: 24			
CLASS TEACHERS:		XA Ms K JYOTHI LAKSHMI	XB Ms RADHIKA	XC Ms MALLESHWARI	XD Ms BEULAH SUHASINI	XE Ms NAGAJYOTHI	
S No.	Name of Subject & Subject Teacher	Lesson / Topic	Activity/ Experiment	Material Required	Teacher's Demonstration	Additional Information	Relevance of the topic to real life
1	ENGLISH - Ms. BEULAH SUHASINI, Ms.PALLABI CHATTERJEE	TB- Two Stories About Flying- II, How to Tell Wild Animals,The Ball Poem; SR- The Midnight Visitor;Gr-Tenses;Wr.- Formal Letter(Enquiry and Editor);ALS Term1.	The students,through group discussion will suggest an alternative ending for the story " Black Aeroplane", recite the poems with proper pronunciation, intonation,pause and rhythm.	Textbook, Supplementary Reader; Reference Material	The teacher will discuss: the various themes of the two poems, the humour involved in the poem "How to Tell Animals",the different types of Tenses with the help of examples.	The teacher will discuss the poetic devices,rhyming used in the poem, and about 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. CHANDRAKALA Ms. PRASUNA	5. నగరగీతం ఉ.వా : అయోధ్యకాండం సంధులు PT1 పునశ్చరణ	పల్లెలకు పట్టణాలకు గల భేదాలను చార్ట్ పై ప్రాయించుట సీతారాముల వనవాసం వివరించుట	తెలుగు వాచకం	వ్యాకరణాంశములను ఉదాహరణలతో వివరించుట. పాఠ్యాంశాన్ని చదివించి, వివరించుట.	పల్లెలు పట్టణాలకు గల భేదాలను గ్రహించి జేయుట	పట్టణాలలో పరిస్థితులపై అవగాహన కలుగును , రామాయణం - కథ వివరణ
3	II LANGUAGE (HINDI) Ms AMITA VERMA Ms SAROJ P Ms JAYSHRI V	स्पर्श- पाठ -अब कहाँ दूसरों के दुःख से दुखी होने वाले, आत्मत्राण, पत्र लेखन, सूचना लेखन, संचयन- टोपी शुक्ला	अध्यापिका छात्रों को औपचारिक पत्र और सूचना लेखन की शब्दावली से परिचित करवाएंगी।	पाठ्य पुस्तक व व्याकरण पुस्तक	अध्यापिका कक्षा में नैतिक मूल्यों जैसे दया-भाव और सहानुभूति से सम्बंधित घटनाओं का वर्णन करेंगी। छात्र ऐसी घटनाओं की चर्चा करेंगे जहाँ उन्होंने किसी असहाय व्यक्ति या पशु की सहायता की हो। उनके अनुभवों पर चर्चा की जाएगी।	ऐसी मान्यताओं की चर्चा की जाएगी जो अधिकांश परिवारों में मानी जाती हैं।	हमें सबको समान दृष्टि से देखना चाहिए और यदि कोई भी पशु या मानव संकट में हो तो उनकी सहायता करनी चाहिए, परोपकार करना चाहिए।
4	MATHEMATICS : MS. R, MALLESHWARI, MS. K. SANDHYA, MS. D. NAGAJYOTHI	CH=1 REAL NUMBERS CH=2 POLYNOMIALS	<ul style="list-style-type: none"> Explaining decimal representation of rational and irrational numbers To obtain the zeros of the polynomial geometrically. 	Materials required are a graph sheets , scale , pencil and an eraser.	The teacher will demonstrate as how to · Find decimal representation of rational and irrational numbers. * obtain the zeros of different polynomials graphically.	Real numbers can be defined as the union of both rational and irrational numbers. They can be both positive and negative.	Real numbers application can be seen in counting, measuring, and solving problems based on financial transactions, engineering designs, etc.
5	SCIENCE (PHYSICS) Ms K JYOTHI LAKSHMI , Mr VARAPRASAD, Ms LAKSHMI MANASA	THE HUMAN EYE AND THE COLOURFUL WORLD: Power of accommodation, defects of vision, refraction through the prism, dispersion.	Experiment to show that refraction occurs at the boundaries between the air and the prism material and different colours bend at different angles. Draw a diagram to show dispersion of white light by the glass prism. Formation of spectrum.	Glass prism, pins, scale , protractor.		Recombination of the spectrum of white light. White light is made up of seven colours and each colour bends at different angles. Defects of vision Myopia, Hypermetropia, Presbyopia and Astigmatism.	Formation of rainbow on the opposite side of sun after rainfall.

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6	SCIENCE (CHEMISTRY). Ms K JYOTHI LAKSHMI , Ms LAKSHMI MANASA	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 Vineger, Tartaric acid and Tannic acid etc.	Products from Chlor-alkali process. 
7	SCIENCE (BIOLOGY) Ms. D S P V NAGALAKSHMI, Ms. KVL TRIVENI, Ms. B NAGAVEENA	Life processes Respiration and transportation	Experiment to prove that the air we breathe out contains carbon dioxide	Test tubes, lime water, glass tube	Teacher will demonstrate by blowing air into a glass tube and passing it through a test tube containing lime water	Talk about valve replacement -How and when it is done	Understanding how water and nutrients are transported in plants through processes like transpiration and tanslocation is crucial for understanding growth and agricultural practices.
8	SOCIAL SCIENCE Ms S RADHIKA Ms C SREEJYOTHI	ECO 1- DEVELOPMENT 2. SECTORS OF THE INDIAN ECONOMY	Classifying the list of occupations under primary, secondary and tertiary sectors.	A4 size sheet	Teacher will explain the criterion for the classification of sectors based on activities, based on working condition and based on ownership.	The Indian economy is diverse and complex, consisting of various sectors that contribute to the National Income. Differentiate between Organised and unorganised sectors.	These three sectors collectively support daily living, employment, economic stability, and technological progress, contributing to overall development and quality of life in India.
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=hVJqHgqF59A 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=RjoyPP8CNOg	

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10	ARTIFICIAL INTELLIGENCE (417) Ms. P NANCY NEWTON Ms.MAYA	Subject Specific Skills Unit 2: AI Project Cycle Employability Skills: Unit 5: Green Skills-II	Introduction to Rule Based & Learning Based AI Approaches Activity : Teachable machine to demonstrate Supervised Learning https://teachablemachine.withgoogle.com/ Activity : Infinite Drum Machine to demonstrate Unsupervised learning https://experiments.withgoogle.com/ai/drum-machine/view	CBSE Hand book, Text Book, Internet, Smart Board	Understand the stages involved in the AI project cycle, such as problem scoping, data collection, data exploration, modeling, evaluation.	Case Studies on AI Project cycle SDG's	Learn problem scoping and ways to set goals for an AI project and understand the iterative nature of problem scoping in the AI project cycle
11	COMP. TELUGU	Ls.1&2 notes					
12	EVENTS	15/07/24 (Monday) FOUNDERS DAY, 19/07/24 (FRIDAY) INVESTITURE CEREMONY					
13	HOLIDAYS	17/07/24 (WEDNESDAY)-MOHARRAM, 29/07/24 (MONDAY) -BONALU					
14	HPE/YOGA	Free hand exercises, seva and basic standing asanas					
15	CO-CURRICULAR ACTIVITIES	FLORAL ARRANGEMENT,					
16	SPORTS ACTIVITIES	THROW BALL FOR BOYS AND BASKET BALL FOR GIRLS, KABADDI FOR BOYS AND VOLLEY BALL FOR GIRLS					
17	EXAMINATIONS	PT1 EXAMS FROM 06/07/24 SATURDAY to 12/07/24 ,FRIDAY					
	 FORM INCHARGE Ms. K JYOTHI LAKSHMI		 VICE PRINCIPAL Ms. B NAGAVEENA		 PRINCIPAL Ms. K VINITHA		