

DDMS P.OBUL REDDY PUBLIC SCHOOL SCHOLASTIC & NON-SCHOLASTIC MONTHLY LOG: JULY 2024-25

Class: IX

No. of Working Days :

24

CLASS TEACHERS:

IX A NAGALAKSHMI

IX B Ms SREE JYOTHI

IX C Ms K SANDHYA

IX D VARA PRASAD

IX E Ms Pallabi

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. Pallabi Chatterjee Ms. Beulah Suhasini Ms. Simarpreet Kaur	TB & WB: The Little Girl, Rain on the roof SR: Iswaran the Storyteller Gr: Tenses Wr: Descriptive Paragraph-situation based (visual/verbal cues) ASL-Term1	Dramatic Enactment: Students will divide themselves into groups and enact a particular scene of the chapter "The Little Girl". Memory Lane: Students will create a drawing on the topic "On A Rainy Day".	Textbook, Supplementary Reader, PPT .	The teacher will discuss about the relationship between children and their parents , quote her experiences and also extract a few anecdotes from students as well.	The teacher will play Youtube Version of the poem "Song of the Rain" by Khalil Gibran and compare and contrast both the poems, also talk about some of the notable works of R.K.Laxman.(The Golden Frame), https://youtu.be/-yI5JvKT9t4?si=RLFOOH_703Z8a_TF	The teacher will share anecdotes about love and concern hidden in the strictness of parents by quoting a few real-life situations.
2	TELUGU: Mr. Anil Kumar Ms.MS Madhavi MS. AML Prasuna	LS 3 వలసకకాలి , లేఖ LS 4 రంగాచార్యులతో ముఖాముఖి, జాతీయాలు- సామెతలు సంధులు: గసడదవ, రుగాగమ, తీరిక	వలసలను అరికట్టడానికి ఏయే చర్యలు చేపట్ట వచ్చునో తెలుపుతూ లేఖ. మీ గురువులను ఇంటర్వ్యూ (ముఖాముఖి).	తెలుగు వాచకం,	ఇంటర్వ్యూ ఎన్నివిధాలు, ఎందుకు, ఎలా వివరించి, దాశరథిగారి ఇంటర్వ్యూ వీడియో చూపుట.	వివిధ రంగాలలో ప్రముఖులను ఇంటర్వ్యూ చేయటానికి ప్రశ్నావళి రూపొందిస్తారు.	ప్రముఖుల ఇంటర్వ్యూలు చూసి స్ఫూర్తి పొందుతారు.
	HINDI Ms Amita Verma Ms Saroja Devi P Ms Jayshri V	सुप्रश्न- पाठ - तुम कब जाओगे अतिथि! संचयन - गलिलू व्याकरण- वरिष्ठ चर्चिन, शब्द और पद	छात्र पाठ के आधार पर भारत में स्थिति दुर्गम चोटियों के बारे में कक्षा में चर्चा करेंगे।	पाठ्य-पुस्तक, व्याकरण पुस्तिका	अध्यापिका 'गलिलू' पाठ के आधार पर जीवन में मानव और पशु-पक्षियों के साथ सह-अस्तित्व की अवधारणा पर छात्रों को बताएंगी।	घर में पाले जाने वाले पशु-पक्षियों से सम्बंधित कानूनों की संक्षिप्त जानकारी प्रदान की जाएगी	जानवरों के प्रति प्रेम और दया की भावना का विकास होगा ।
3	MATHEMATICS Ms. R. Malleshwari Ms. D. Nagajyothi Ms. K. Sandhya	Ch-3 Coordinate Geometry (Continuation) Ch-4 Linear Equations in two Variables Ch-5 Introduction to Euclid's Geometry	Quadrants and Coordinates	Lab Activity book, Graphsheets, Pencil, Ruler, Eraser	Teacher demonstrates how to plot the given ordered pair in the cartesian plane. Draw the mirror images of the points with respect to different axes.	Linear equations in real life helps in calculating speed, distance and time of a moving object. Geometry related problems can be solved. Determining an unknown age.	Co-ordinate geometry has various real life applications that includes, *Navigation and GPS System *Engineering and Design, etc.

4	BIOLOGY- Ms.Nagalakshmi Ms. Nagaveena Ms. Triveni	The fundamental unit of life- Cell	Observation of chloroplasts under a microscope	Green leaf, sugar/salt	The teacher mounts a peel of a green leaf and makes the children under a microscope and asks them to note down the observations.	Genetic material: Discuss the main function of genetic material DNA could stretch from the earth to the sun and back ~600 times. Genes make up only about 3 percent of your DNA.The human genome contains 3 billion base pairs of DNA. Most traits are controlled by many genes.	Raisins soaked up. Diffusion and osmosis examples.
	CHEMISTRY Ms. K Jyothi Lakshmi Ms Lakshmi Manasa Ms k Varsha	Is Matter around us pure sub topic: Types of Mixtures	To classify various substances into mixtures and pure substances and to identify the type of Mixtures	Sugar, Salt, Water, Oil, Transparent glass or Beaker,sand , stirring rod	Teacher demonstrates about pure substances and mixtures. By mixing salt in water,sugar in water, oil in water, sand in water and will ask their observations	From the activity students able to understand the types of Mixtures and classify them as homogeneous and heterogeneous mixtures and additionally they will understand about solution, suspension and sol.	Real time applications 1. In food and beverages they will come to know how much quantity need to be added like sugar in water to make sugar syrup and heterogeneous mixtures like oil and vinegar I salad dressings in cooking 2. In pharmaceutical drug formulation medicines often need to be homogeneous mixtures to ensure that each dose contains the same amount of active ingredients.
	PHYSICS Ms. K Jyothi Lakshmi Ms Lakshmi Manasa Mr Vara Prasad	Force and Laws of motion sub topic: Balanced and unbalanced forces, Newton's laws of motion	To understand and demonstrate Newton's Third Law of motion. For every action there is an equal and opposite reaction.	1. Two identical ballons Two strawsTape,String (about 2 meters long),Two chairs or any supports to tie the string,A stopwatch, a notepad and pen for recording observations	Teacher demonstrates Newton's Third Law of Motion, showing that the force exerted by the air leaving the balloon causes an equal and opposite force propelling the balloon forward	students able to understand that to every action there is an equal and opposite reaction. But action and reaction acts on two different objects. for example When you jump off a small boat, the boat moves in the opposite direction.Birds fly by pushing air downwards with their wings, and the air pushes them upwards.	Rocket Propulsion: Rockets expel gases backward to propel themselves forward, demonstrating Newton's Third Law.Walking: When you walk, your foot pushes against the ground (action), and the ground pushes back with an equal and opposite force (reaction) propelling you forward.Swimming: Swimmers push water backward with

5	SOCIAL SCIENCE Ms. C Sree Jyothi, Ms. S Radhika, Ms. Hema Indukuri Ms. Shewta Lohani	Political Science What is Democracy ? Why Democracy ? Economics The Story of Palampur	Survey The students will be collecting the demographic data about Palampur and presenting the findings in groups .	Textbook , Chart paper , A4 Sheets , Pen and pencils	With help of Audio visual aids the students will be guided on the collection of data and cues points will be provided to them .	Information will be provided to students on the agrarian crisis in India and growth of agriculture in the last decade. https://ruralindiaonline.org/	Understanding the factors of production with an example of a case study , the students will be able to analyse the importance of economic growth and development in all contexts (Urban as well as
6	COMPULSORY TELUGU Ms. Madhavi Ms. Prasuna, Mr. Vijaypal	LS: 2 మనిషిమూలాలి LS 6 మధురవచనము లు సర్వం = 3					
7	CA-165 Ms Nancy Newton	Unit 1: Basics of Information Technology • Computer Systems • Memory • Storage devices • I/O devices • Types of software	PROJECT: Make a document on a motherboard, a central processing unit, a graphics processing unit, a random access memory, and a hard disk or solid-state drive.	Computer system, Text Book	Teacher Demonstrate practically the assembling and disassembling of computer https://www.youtube.com/watch?v=ctAVC2JwEwI	https://ncert.nic.in/textbook/pdf/kecs101.pdf	How computer system works? What are the basic parts of the computer?
8	AI Ms Maya	Unit 1: AI Reflection , Project cycle and ethics Unit 1: Communication Skills-I	Recommended Activity: Make a statement about lighting and LUIS will interpret and adjust the house accordingly https://aidemos.microsoft.com/luis/demo	Smart board, TextBook, Computer with Internet	To relate, apply and reflect on the Human-Machine Interactions. To identify and interact with the three domains of AI: Data, Computer Vision and Natural Language Processing. To research and develop awareness of skills required for jobs of the future.	Learners to participate in three domains games – Game 1: Rock, Paper and Scissors – Game 2: Semantris (based on Natural Language Processing - NLP) – Game 3: Quick Draw (based on Computer Vision - CV)	Learners to relate to application of Artificial Intelligence in their daily lives. Learners to draw a floor plan of a Home/School/City

9	HPE/YOGA	21/6/24					
10	HOLIDAYS	17/7/24 - Moharram , 29/7/24 - Bonalu					
11	IMPORTANT DAYS	6/7/24 - 12/7/24 PT- 1 Exams , PTM for classes IX and X					
12	SPORTS ACTIVITIES	24/7/24 - Throwball(Boys) , Basketball(Girls) , 31/7/24 - Kabbaddi(Boys), Volleyball(Girls)					
13	EVENTS	15/7/24 - Founders Day, 19/7/24 - Investiture ceremony.					
		Form Incharge	Vice Principal				Principal
		Ms. C. Sree Jyothi	Ms B. Nagaveena				Ms K.Vinitha