

DDMS P.OBUL REDDY PUBLIC SCHOOLS SCHOLASTIC & NON-SCHOLASTIC MONTHLY LOG: DECEMBER 2024-25

Class: IX

No. of Working Days :

21

CLASS TEACHERS:

IX A NAGALAKSHMI

IX B Ms SREE JYOTHI

IX C KRANTHI

IX D VARAPRASAD

IX E Ms MADHAVI

S No.	Name of Subject &	Lesson / Topic	Activity/	Material Required	Teacher's Demonstration	Additional Information	Relevance of the topic to real life
SCHOLASTIC							
1	ENGLISH Ms. Shruthi Ms. Beulah Suhasini Ms. Simarpreet Kaur Ms. Ranita	TB:If I Were You SR: The Beggar	Role Play,Class Discussion on some of the famous works of Anton Chekhov and Douglas James	Textbook, Supplementary Reader, Reference Material	Teacher will discuss: new vocabulary, the theme and message conveyed through the topics	Discussion on how overconfidence can lead to catastrophic results(real life situations)	Students will be able to understand the theme of the play(keeping calm and using cleverness to escape danger)
2	TELUGU: Mr. Anil Kumar MS Madhavi MS. AML Prasuna	ఉపవాచకం: LS: స్వామి వివేకానంద, లేఖలు, దినచర్య, వార్తారచన.	వివేకానందుని నినాదాలను చార్టు పై వ్రాయించుట.	చార్టు, పాఠ్యపుస్తకము	వివేకానందుని జీవిత విశేషాలను ఆసక్తికరంగా వివరించుట.దేశ ఔన్నత్యం ప్రపంచానికి చాలాలని తెలుపుట.	స్ఫూర్తి కలిగించే వివేకానందుని నినాదాలు సేకరించి, చర్చించుట.	భారతీయ ధర్మం అన్ని మతాలను అంగీకరిస్తుందని,గౌరవిస్తుందని, అన్ని మతాలూ సత్యతేనని వివరించుట.
	HINDI Ms Amita Verma Ms Saroja Devi P Ms Jayshri V	सपरश- पदय- नए इलाके में ,खुशबू रचते हैं हाथ- अरूण कमल व्याकरण - पत्र लेखन तथा अनुच्छेद लेखन	समाज म व्याप्त वषिमताओं जैसे बाल मज़दूरी पर अनुच्छेद लेखन दोनों कवतिओं पर ककषा में चर्चा की जाएगी	पाठ्य- पुस्तक , व्याकरण पुस्तक	अध्यापिका छात्रों को नए शब्दों का अर्थ एवं परयोग समझाते हुए पाठ की बारीकियों को बताएंगी	मनुष्य मात्र के मनोभावों की चर्चा ककषा में की जाएगी सामाजिक जीवन की अच्छाइयों और बुराइयों से परचिति करवाया जाएगा	समाज में जीवन के परता स्वस्थ दृष्टिकोण का वकिस करना।
3	MATHEMATICS Ms. R. Malleshwari Ms. D. Nagajyothi Ms. Kranthi	Chaper:8 Quadrilaterals Capter:11 surface areas and volumes	1. Quadrilateral formed by joining the midpoints. 2. Mid point theorem	scale, pencil, eraser, colour paper and graph sheet	Teacher demonstrates about quadrilateral,angle sum property of quadrilateral and its application.Differentiating 2D, 3D figures and findining area and volume of cone,sphere and Hemisphere.	surface ares and volumes teaches how to differentiate 2D and 3D figures, how to find volume and capacity of the object given. Qadrilateral ,types of quadrilaterals and its properties	rchitecture is one common application of quadrilaterals in our daily life. Golden rectangle principle. Surface areas and volume used in Painting, Wrapping, Building, Calculating heat loss or gain and filling containers.etc.
	BIOLOGY- Ms.Nagalakshmi Ms. Nagaveena Ms. Triveni	Tissues- Animal tissues.	Lab activity - Observation of permanent slides of bone, blood and muscle tissues under the microscope	Microscope and slides	The teacher mounts the permanent slides of animal tissues under a microscope and asks them to note down the observations.	Additional information given on diseases and disorders related to fluid connective tissue ie Haemophilia and Thalasemia.	Understanding the functions and importance of connective tissues helps in various fields, including medicine, sports science and physio therapy, where knowledge of these tissues aid in treating injuries, improving performance and maintaining overall health.

4	CHEMISTRY Ms. K Jyothi Lakshmi Ms Lakshmi Manasa Ms K Varsha	Structure of Atom- Valency, Isotopes and Isobars	To determine the number of neutrons in an isotope.	paper, pen.	Teacher demonstrates to find the number of neutrons in an isotope by subtract the atomic number of the element from the mass number of the isotope. For example, carbon-12 has a mass number of 12 and an atomic number of 6, so the number of neutrons in carbon-12 is 6.	Isotopes are different species of atoms of an element with different atomic masses. For example, carbon has three isotopes: carbon-12, carbon-13, and carbon-14. Isobars are atoms of different elements with the same mass number but different atomic numbers. For example, calcium and argon have the same mass number of 40 but different atomic numbers of 20 and 18, respectively.	Cobalt-60 is used to treat cancer, iodine-131 is used to treat thyroid illnesses, and plutonium-238 is used in heart pacemakers. Phosphorus-32 is used to study how plants absorb phosphate and phosphorus metabolism. Cobalt-60 gamma rays are used to destroy bacteria in food without affecting its quality, flavor, or texture.
	PHYSICS Ms. K Jyothi Lakshmi Ms Lakshmi Manasa Mr Vara Prasad	Work and Energy - Law of conservation of energy, power. Sound - Production of sound, propagation of sound, sound waves are longitudinal waves.	Production of sound	Thread, Table tennis ball, Tuning fork, glass tumbler, water.	Teacher demonstrates how sound is produced by vibrating objects, by striking tuning fork with rubber hammer, or any hard substance and placing it on the rim of the water in a glass and near to tennis ball.	sound is a longitudinal wave. sound needs a material medium to travel. sound cannot travel through vacuum.	when we speak, our vocal cord vibrates, musical instruments, when you shout into a canyon, the sound waves bounce off the canyon walls and reflect back to you.
5	SOCIAL SCIENCE Ms. C Sree Jyothi Ms. S Radhika Ms. Hema Indukuri Ms. Shweta Lohani	Civics- Democratic Rights Eco- Food Security	Raise awareness about human rights, particularly those that are often violated, such as the right to freedom of speech, assembly etc., through poster making.	A4 size paper, text book and internet.	Present real-world examples of human rights violations (such as apartheid, child labour or freedom of speech suppression)	In India, the Constitution guarantees Fundamental Rights under Part III, which includes the right to freedom, education and protection from discrimination	Democratic Rights shape the functioning of society, ensure justice and equality and directly affect how individuals live and interact with each other. Without them, personal freedom and societal progress would be severely restricted.
6	COMPULSORY TELUGU Ms. Madhavi Ms. Prasuna, Mr. Vijaypal	LS: నా బాల్యం వివరణ, NOTES, TB అభ్యాసాలు.					

7	CA-165 Ms Maya	MS Word II and MS Excel	Ms word Graphics, physical aspects of documentation, creating new documents, Grouping and ungrouping objects, working in page sorter view, inserting image on a page	textbook and computerlab	Ms word , exploring all menus for creating documentation		students will do document on MY school topic with all elements of MS word
8	AI Ms Maya	Math for AI (Statistics & Probability) AI handbook Pg. No. 107 to 121	Importance of Math in AI ,Statistics	AI Handbook and internet	<ul style="list-style-type: none"> • The applications of Mathematics in AI , • The different mathematical concepts important for understanding AI ,Use of statistics in different AI applications 		Students will learn about the applications of Mathematics in AI • Students will learn about the different mathematical concepts important for understanding AI ,Use of statistics in different AI applications
9	HPE/YOGA	Yoga asanas, sitting asanas and Meditation					
10	HOLIDAYS	01/01/25- New Year, 13/01/25 to 15/01/25 - Sankranthi					
11	CO-CURRICULAR ACTIVITIES	NIL					
12	SPORTS ACTIVITIES	NIL					
13	EVENTS	Telugu Day Celebration on 03/01/25, Good Luck Party for class 10th on 29/01/25					
14	LIBRARY ACTIVITIES	NIE Newspaper Reading					