



SYLLABUS PLAN 2023-24

CLASS : IX

MONTH: JULY 2023

SUBJECT: MATHEMATICS

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1	Periodic Test 1		
WEEK 2	3 Coordinate Geometry	Cartesian system Activity : Identify the hidden animal by plotting coordinates of different points	Identify and plot coordinates of points from cartesian system
WEEK 3	4. Linear Equations in two Variables	Introduction and general form Solution of linear equation	Identify the general form linear equations in two variables Distinguish linear equations in two variable and other equations
WEEK4	6. Lines and Angles	Introduction to lines and angles , Different types of angles and lines	Recall the learning from the previous lessons Explain different types of pairs of angles and related axioms
WEEK 5 & 6	6. Lines and Angles	Lines Parallel to the Same Line, Problem solving	Identify the property of lines parallel to same line Identifies different types of angles formed by a transversal on a pair of parallel and intersecting lines. Identifies the properties of angles formed when a transversal intersect two parallel lines Solve problems related from the topic using angle properties

SUBJECT: MARATHI

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1	PT 1		
WEEK 2	५. व्यायामाचे महत्त्व	कविता	*विद्यार्थी कवितेचा अर्थ समजावून घेतील. *विद्यार्थी चर्चा करतील.
WEEK 3	६. ऑलिंपिक वर्तुळांचा गोफ	पाठ	*विद्यार्थी प्रकटवाचन करतील. *विद्यार्थी चर्चा करतील.
WEEK 4	६. ऑलिंपिक वर्तुळांचा गोफ	पाठ	*विद्यार्थी प्रकटवाचन करतील. *विद्यार्थी चर्चा करतील.
WEEK 5	समास	व्याकरण	*विद्यार्थी समास उदाहरणाच्या सहाय्याने समजावून घेतील. *विद्यार्थी चर्चा करतील.
WEEK 6	समास	व्याकरण	*विद्यार्थी समास उदाहरणाच्या सहाय्याने समजावून घेतील. *विद्यार्थी चर्चा करतील.

SUBJECT: CHEM/BIO

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1	PT 1		
WEEK 2	1-Matter In our Surroundings & REVISION	Revision in the form of oral or written . *Question Answer discussion.	Recall the topics. Clear doubts. Find answers for the in-text questions.
WEEK 3	Ch 2 Is Matter Around Us Pure?	*What is Mixture * Properties of Solution,Suspension and Colloids	Classify elements on the bases of chemical properties. List the properties of mixture. Compare the properties of solution and suspension.
WEEK 4	Ch 2 Is Matter Around Us Pure?	*What are the types of pure substances. * Physical and chemical changes. * Compounds	List pure substances and mixtures. Compare the properties of pur substances. Compare elements and compounds.List the properties of compounds.
WEEK 5	Ch 6 Tissues	* Tissues	Define tissue. List the plant tissue. Draw and label the location of different plant tissue. Explain the functions of meristematic tissue.
WEEK 6		*Plant tissue - Types * meristematic tissue	

SUBJECT: ENGLISH

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1	PT 1		
WEEK 2	In the Kingdom of Fools	Chaotic life under the infulence of foolish rulers and the victory of wisdom.	To let students realize the importance of wisdom and prudence in every walk of life
WEEK 3	Rain on the Roof	Rain and it's impact on mankind	To know the positivity rendered by soothing rain
WEEK 4	The Happy Prince	Selflessness and Righteousness govern the nation	To understand that duty to mankind is the duty towards God
WEEK 5	Writing Skill : Story Writing	Format, content and presentation of story	To be able to write notices withing a proper format
WEEK 6	Integrated Grammar Exercise	Error Correction and Sentence improvement	To be able to edit paragraphs with error.

SUBJECT: DANCE

Weeks	TOPIC	Project/Activity related to Topic	Expected Learning Outcomes
Week 1 to 6	Dance based on Patriotic Mashup Song to be continued.	Students can make some flags, props and dress matelials design by their own.	Students will learn to respect self development, opportunity to learn and grow in a creative field as well as to encourage the spirit of patriotism.

SUBJECT: V.E.

Weeks	TOPIC	Project/Activity related to Topic	Expected Learning Outcomes
Week 1 to 6	Seeking Perfection	PPT and Real life examples on how to show take charge of their own life.	Students explore 4 different aspects of our life in which we can pursue excellence or seek perfection and discover how each of us can awaken this possibility in our day-to-day life.

SUBJECT: ART

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1-6	landscape drawing	nature drawing	Develop critical thinking and problem solving skills as applies to the use of color
	drawing	sunset drawing	Develop an informed use of basic color schemes and harmonies in the creation of visual work.

SUBJECT: SOCIAL SCIENCE

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1	PT 1		
WEEK 2	2: Constitutional Design:	Why do we need a Constitution?, Making of the Indian Constitution, Guiding Values of the Indian Constitution	Understand the process of Constitution making. □ Develop respect for the Constitution and appreciation for Constitutional values. □ Recognize Constitution as a dynamic and living document.
WEEK 3 & 4	4: Climate:	Concept, Climatic Controls, Factors influencing India's climate, The Indian Monsoon Onset and withdrawal of Monsoon, Distribution of Rainfall, The Season, Monsoon as a unifying bond.	Identify various factors influencing the climate and explain the climatic variation of our country and its impact on the life of the people. Explain the importance and unifying role of monsoons.
WEEK 5&6	2- The People as a Resource	Overview, Economic activities by men and women, Quality of Population, Unemployment.	Understand the demographic concepts .Understand how population can be as asset or a liability for the nation.

SUBJECT: PHYSICAL EDUCATION

WEEK	Topic	Activities related to Topic	EXPECTED LEARNING OUTCOMES
WEEK 1- 6	Warm-Up Yoga Chess Table Tennis Volleyball Physical Fitness test	Warm-up- General & Specific warm-up. Yoga Asanas:- Standing Asnas, Sitting Asnas, Lying Asnas & Suryanamaskar Chess - Skills, Rules and individual match Practice. Tennis- Counter, chop, top spin & match practice. Physical Fitness test: -BMI, Speed, Flexibility, Strength, Cardiovascular Endurance . Sports Activity- Chess	Discipline through games. Better hand-eye coordination. Understanding of health-related fitness components. Improve personal fitness through exercise.

SUBJECT: COMPUTER SCIENCE

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1	Introduction to Python	Python Input & Output , Type Conversion	Students will learn about python input and output using appropriate functions & will learn about the different type conversions.
WEEK 2	Introduction to Python	Python Operators , Practice, Test your knowledge	Students will learn about the different operators used in python, & will be able to recall the learnt topics
WEEK 3	Introduction to Python	Exercise & Notes	
WEEK 4	Introduction to Python		
WEEK 5	Introduction to Python	Revision & Class Test	
WEEK 6			

SUBJECT: PHYSICS

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1	PT 1 EXAMS		
WEEK 2	Motion	* uniform and non uniform motion. * Distance -time graph. * Velocity-time graph. Intext question	Plotting of graph between different quantities
WEEK 3	Motion	* Equations of motion. Uniform Circular motion. * Numericals	$V = u + at$, $S = ut + \frac{1}{2}at^2$, and $v^2 - u^2 = 2aS$ Definition of circular motion.
WEEK 4	Motion	Exercise and numericals	Able to calculate numerical related to equations.
WEEK 5 & 6	Force and laws of motion	* Force- Introduction * Balanced and Unbalanced forces. * First law of motion.	Pull or push acting on a body Force can bring motion of a rest body. Force can change direction of motion of a moving body Force can change the shape of the body

Class Teacher : GIJI P A