

SYLLABUS PLAN 2023-24

CLASS : IX

MONTH: JANUARY 2024

SUBJECT: MATHEMATICS

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1	Revision	Topics for Annual Examination	Recall the learning from the topics
WEEK 2	Revision	Topics for Annual Examination	Recall the learning from the topics
WEEK 3	Revision	Topics for Annual Examination	Recall the learning from the topics
WEEK4	Revision	Topics for Annual Examination	Recall the learning from the topics
WEEK5	Revision	Topics for Annual Examination	Recall the learning from the topics

SUBJECT: MARATHI

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1	१६. शब्दांचा खेळ	पाठ, स्वाध्याय	*विद्यार्थी वाचन करतील. *विद्यार्थी उत्तरे लिहितील. *विद्यार्थी चर्चा करतील.
WEEK 2	१६. शब्दांचा खेळ	पाठ, स्वाध्याय	*विद्यार्थी वाचन करतील. *विद्यार्थी उत्तरे लिहितील. *विद्यार्थी चर्चा करतील.
WEEK 3	१६. शब्दांचा खेळ	पाठ, स्वाध्याय	*विद्यार्थी वाचन करतील. *विद्यार्थी उत्तरे लिहितील. *विद्यार्थी चर्चा करतील.
WEEK 4	वाक्य प्रकार	व्याकरण	*विद्यार्थी चर्चा करतील. *विद्यार्थी प्रश्न सोडवतील .
WEEK 5	वाक्य प्रकार	व्याकरण	*विद्यार्थी चर्चा करतील. *विद्यार्थी प्रश्न सोडवतील .

SUBJECT: CHEM/BIO

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1	Ch 4 Structure of Matter	Comparative study of sub atomic particles. Discovery of nucleus.	Write electronic configuration of given elements and draw structure. Find the number of sub atomic particles present in the different atoms. Explain Rutherford's model of atom
WEEK 2	Ch 4 Structure of Matter	*Structure of atoms. *Calculations related to the subatomic particles ,Atomic number and mass numbers. *Isotopes and isobars	Draw the structure of atoms using atomic number and Electronic configuration. Compare isotopes and isobars. Give examples for Isotopes and isobars. Give examples for isotopes and isobars. Solve WORKSHEET 6
WEEK 3	Revision Chapter 1	Matter in our surroundings	Students will recall. Clear doubts. Write test
WEEK 4&5	Ch 12 Improvement In Food Resources	* Improvement in food yield. * Crop variety improvement *Crop production improvement. INNOVATIVE TEACHING - THINKING MAP MAKING	Define green revolution. List the nutrients . Differentiate between micro and Macro nutrients. Explain problems of water logging.

SUBJECT: ENGLISH

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
Week 1	Slumber did my spirit seal	The connection between the speaker's inner state and the natural world and the idea that the speaker's emotional turmoil	To be able to decipher the various emotional turmoils that a human being undergoes
Week 2	The Snake and the Mirror	Theme of human vanity and fears and how they affect people	Students shall understand the impact of physical beauty that governs foolish attempts
Week 3	If I were You	Playwrights technique of presenting mystery and intrigue	To be able to trace the sudden and adventurous events of the play
Week 4,5	Integrated Grammar	Editing and Omission	Uses of modals and tenses in error correction

SUBJECT: SOCIAL SCIENCE

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1& 2	5. Democratic Rights	Life without Rights- Rights in a Democracy. Rights in the Indian Constitution. Expanding scope of rights	Students can Understand the availability/access of rights in a democratic system/government.
WEEK 2	3. Nazism and the Rise of Hitler:	Birth of the Weimar Republic, Hitler's Rise to Power, The Nazi Worldview, Youth in Nazi Germany, Ordinary People and the Crimes Against Humanity	Discuss the critical significance of Nazism in shaping the politics of modern world. □ Get familiarized with the speeches and writings of Nazi Leaders
WEEK 3	Map Practice		
WEEK 4&5	Revision for Annual Examination		

SUBJECT: DANCE

Weeks	TOPIC	Project/Activity related to Topic	Expected Learning Outcomes
Week 1 to 4	Annual Concert Practice as per the theme.	Dance based Exercise, Every day Practice with music by using props.	Understanding as well as enjoying and have practical experience of creating opportunities for learners to develop themselves in a teamwork.
Week 5	Revision and Annual Assessment	Performance as well as practice with music (recapitulation)	Joyful learning and they will gain practical experience of creating opportunities.

SUBJECT: V.E.

Weeks	TOPIC	Project/Activity related to Topic	Expected Learning Outcomes
Week 1 to 5	Continuation of Part A: Expressing myself Part B: Engaging with culture and society	PPT and Real life examples on how to show take charge of their own life.	Students will explore the possibility of engaging with culture and society and discover the qualities and capabilities they develop because of it and they will discover our physical possibility of 'creating value' and discover the capabilities we develop because of it.

SUBJECT: PHYSICAL EDUCATION

WEEK	Topic	Activities related to Topic	EXPECTED LEARNING OUTCOMES
WEEK 1- 5	Athletics Volleyball Table Tennis Lawn Tennis Box Cricket	Warm-up- General & Specific warm-up & Mass P.T Athletics: - (Skills & Rules) (50mtr,100mtr &600mtr- Run) Start, Set Position, Go & Finishing. Volleyball: - (Skills & Rules) Under hand Service, Under hand lift, Pass & Rally. Table Tennis- Backhand & Forehand Counter Practice Lawn Tennis - Service & footwork.Box Cricket- Bowling	Evaluate measurable goals their motivation, perseverance, self control, and patience. Ability to perform several offensive and defensive strategies.

SUBJECT: COMPUTER SCIENCE

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1	Python Programming	Class Assessment	
WEEK 2	Python Programming	Python program to check prime number	students will be able to check problems using different condition in python.
WEEK 3	Python Programming	Python program to check whether the given number is odd or even	students will be able to find whether the given number is odd or even using the conditional statements in python.
WEEK 4	Python Programming	Viva Voce Practice & Class Assessment	
WEEK 5	Python Programming	Viva Voce Practice & Class Assessment	

SUBJECT: PHYSICS

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1	Sound	Sound, Production of sound, propagation of sound, sound waves are longitudinal waves,	Define sound, concepts of production and propagation of sound, Wave, types of wave and its characteristics
WEEK 2	Sound	Speed of sound in different media, Reflection of sound, uses of Multiple reflection of sound and ranging of hearing	Understanding the concept of reflection of sound, multiple reflection and its application
WEEK 3	Sound	Application of Ultrasound, Sonar, Human ear, Exercise	Understanding the applications of Ultrasound and detailed study of structure and function of human ear.
WEEK 4 and 5	Sound	Intext questions, Extra questions and class test.	Solve the questions by applying concepts.

SUBJECT: IT

WEEK	CHAPTER	TOPICS	LEARNING OUTCOMES
WEEK 1	Getting started with a Word Processor Application	i) Features of Word Processor ii) Applications iii) Templates iv) Project v) Exercise & Notes	Students will learn to work in a more comfortable way in Word processor by learning the different templates, menus and features in Word Processor application.
WEEK 2	Types of Business activities & Characteristics of Entrepreneurship	i) Entrepreneurs in the local communities, ii) Types of Businesses , iii) Types of business organisation in our community iv) Stages in Entrepreneurship development process.	Students will learn about the benefits of learning entrepreneurial skills and will understand about the sole proprietorship and partnership and about the characteristics of Entrepreneurship.
WEEK 3	Electronic Spreadsheet	i) Creating a spreadsheet , ii) Editing. Iii) Formatting, iv) Cell Reference, v) Introduction to charts.	Students will learn and understand to work with the spreadsheet by editing, formatting data and also will learn to insert charts.
WEEK 4	Digital Presentation	i) Characteristics of a good presentation, ii) Getting started with Libre Office Impress, iii) Working with slides, iv) Working with Tables	Students will learn to prepare a good digital presentation in the Libre office Impress and will learn to work with slides and tables.
WEEK 5	Class Assessment Chapter wise and Practicals		

SUBJECT: ART

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1-5	Nature Drawing	Makar sankranti	Students will be able to identify the different types human figure.

Class Teacher : GIJI P A