



Bal Bharati
PUBLIC SCHOOL
RGPPL RATNAGIRI
SYLLABUS PLAN 2023-24

CLASS : IX

MONTH: DECEMBER 2023

SUBJECT: MATHEMATICS

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1	9.Circles	Cyclic Quadrilaterals Activity	Identify concyclic points and cyclic quadrilaterals Explain the properties of cyclic quadrilaterals Assess the learning of the students from the mentoned topics
WEEK 2	8.Quadrilaterals	Theorems related the properties of parallelograms	Prove various theorems related to quadrilaterals and parallelograms. Solve problems on properties of parallelogram
WEEK 3	8.Quadrilaterals	Theorems related the properties of parallelograms	Identify and explain midpoint theorem Solve problems on properties of Mid point theorem
WEEK4	5. Introduction to Euclid's Geometry	Introduction, Postulates and theorems	Differenciate theorems ,postulates and axioms Identifies euclids axioms and postulates
WEEK5	Winter Break		

SUBJECT: MARATHI

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1	निबंध	उपयोजित लेखन	*विद्यार्थी निबंध कसा लिहायचा हे समजावून घेतील. *विद्यार्थी चर्चा करतील. *विद्यार्थी निबंध लिहितील.
WEEK 2	१५. माझे शिक्षक व संस्कार	पाठ	*विद्यार्थी प्रकटवाचन करतील. *विद्यार्थी चर्चा करतील.
WEEK 3	१५. माझे शिक्षक व संस्कार	पाठ	*विद्यार्थी प्रकटवाचन करतील. *विद्यार्थी चर्चा करतील.
WEEK 4	१५. माझे शिक्षक व संस्कार	पाठ	*विद्यार्थी प्रकटवाचन करतील. *विद्यार्थी चर्चा करतील.
WEEK 5	Winter Break		

SUBJECT: ART

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1-5	origami	origami flower /animal face.	Students will be able to identify the different types of origami pattern.

SUBJECT: V.E.

Weeks	TOPIC	Project/Activity related to Topic	Expected Learning Outcomes
Week 1 to 4	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: PHYSICS

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1& 2	Work and energy	concept of work, Types of work done, energy and types of energy ,Kinetic	Understand the concepts of work , energy and the types of work and energy ,Define Kinetic energy and its
WEEK 3	Work and energy	Potential energy and its derivation, transformation of energy, Law of conservation of energy, Power, exercise	Define Potential energy, derivation of potential energy, Conversion of energy from one form to another form, numericals on Kinetic energy and Potential energy, Exercise ,Worksheet
WEEK 4	Sound	Sound, Production of sound, propagation of sound, sound waves are longitudinal waves, Characteristics of wave and sound	Define sound, concepts of production and propagation of sound, Wave, types of wave and its characteristics
WEEK 5	Winter Break		

SUBJECT: CHEM/BIO

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1& 2	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
WEEK 3	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 4	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.
WEEK 5	Winter Break		

SUBJECT: DANCE

Weeks	TOPIC	Project/Activity related to Topic	Expected Learning Outcomes
Week 1 to 4	Christmas Day Dance	Students can host a Christmas Craft party in classroom.	Students will be able to understand and respect towards the cultural value of the other religion.

SUBJECT: ENGLISH

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
Week 1	PT 3 EXAMINATION		
Week 2	Kathmandu	The holy site of worship amidst the tranquillity	To acquaint students with the beauty and popularity of the place
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	The Beggar	Chance and coincidence in literature	To help students assess the use of chance and coincidence in literature.
Week 5	Winter Break		

SUBJECT: SOCIAL SCIENCE

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1&2	3: Drainage:	Introduction, Drainage system of India, The Himalayan River, The Penninsular River, Lakes, Role of Rivers, River Pollution.	Identify the river systems of the country. Tributaries, Tributaries & Deltas.
WEEK 3	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 4	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 5	Winter Break		

SUBJECT: PHYSICAL EDUCATION

WEEK	Topic	Activities related to Topic	EXPECTED LEARNING OUTCOMES
WEEK 1- 4	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	Evaluate measurable goals. Improve their motivation, perseverance, self control, and patience. Ability to perform several offensive and defensive strategies.

SUBJECT: IT

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1	Peripheral Devices	Types & Functions of peripheral devices, Exercise, Activity & Notes	Students will learn about what is peripheral devices their different categories along with their functions.
WEEK 2	Basic Computer Operations	i) Operating System ii) Functions of operating system iii) Types of operating system, iv) Disk operating system v) Mobile operating System vi) Exercise	Students will learn and understand about the functions of operating system, the different types of operating system, Mobile & Disk operating system.
WEEK 3	Introduction to Internet & E-mail	i) Applications of Internet ii) Applications of Email iii) Social Media	Students will gain more knowledge regarding the different different Internet and E-mail terms.
WEEK 4	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 5	Winter Break		

Class Tr : Mr Giji P A