



Bal Bharati
PUBLIC SCHOOL
RGPPL RATNAGIRI

SYLLABUS PLAN 2023-24

CLASS :VIII

MONTH :DECEMBER

SUBJECT: CHEM/BIO

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1& 2	Ch 6 Reproduction In Animals	Sexual and Types of fertilization. Examples for organisms undergo internal and external fertilization.	Differentiate asexual and sexual reproduction. List organisms shows the different types of reproduction. Define fertilization. Explain different types of fertilization.
WEEK 3	Ch 6 Reproduction In Animals	Asexual reproduction .Fission and Budding	Explain Budding. Draw diagram to show binary fission. Define metamorphosis. Differentiate binary and multiple fission. Solve WORKSHEET 6
WEEK 4	Ch 7 Reaching the age of Adolescence	Glands and hormones. Functions of hormones. INNOVATIVE TEACHING - SCIENCE TEXT CARD on glands and hormones.	Define the term ductless glands. Give examples for glands . Locate glands on the given diagram.. Explain the functions of hormones .

SUBJECT: PHYSICS

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1& 2	Light	Light, Reflection of light, Properties of plane mirror, Types of reflection	Define light, understanding the concept of reflection of light, properties of mirror and types of reflection - Regular and irregular reflection
WEEK 3	Light	Multiple reflection, multiple images, Kaleidoscope, Dispersion, Human eye	Concept of multiple reflection and images, Kaleidoscope, define dispersion, Understanding the structure and working of human eye
WEEK 4	Light	Care of eyes, Visually impaired persons can read and write, Braille system, Exercise	Discussing the ways and importance of care of eyes, understanding about visually impaired persons and Braille system , Exercise, Worksheet

SUBJECT: VALUE EDUCATION

Weeks	TOPIC	PROJECT/ACTIVITY RELATED TO TOPIC	EXPECTED LEARNING OUTCOMES
Week 1 to 4	Friendship	Write a letter to a friend to say something which they want to share confidentially.	Students will be able to know how to be a good friend. use good friend vocabulary. understand how to perform good friend actions.

SUBJECT: MATHEMATICS

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1	9.MENSURATION	Recalling area and perimeter Area of trapezium and general quadrilateral ,polygons	Recall the learning from the mentioned topics Solve problems on area and perimeter of plane figures
WEEK 2	9.MENSURATION	Surface area of Cube ,cuboid and Cylinder Volume of Cube ,cuboid and Cylinder Problem solving on mensuration Activity : To find the curved surface area of Cylinder	Understand the meaning of surface area and volume of solid figures. Identify the formula for finding surface area and volume of cube ,cuboid and cylinder Solve the problems on volume and surface area .
WEEK 3	11. DIRECT AND INDIRECT PROPORTIONS	Direct proportions Inverse proportions	After completing the lesson, learners should be able to - Differentiate direct and inverse proportions, Solve problems related to proportions , Identify and differentiate day to day activities as direct and inverse proportions
WEEK 4	13. INTRODUCTION TO GRAPHS	Line graph and its application	Recall the graphical representation of data in line graphs and reading line graphs Apply the line graph in day to day situation

SUBJECT: ENGLISH

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
Week 1	PT 2 EXAMINATION		
Week 2	The Tea Kettle, Human Seasons	Author's perspective towards friendship through comic strips. Human life divided into phases by the poet	To enable students praise true friendship and author's acumen towards comic strip. Help students identify life of human with that of seasonal changes and its implications.
Week 3	Journey to Sunderbans	Sunderban as a tourist attraction	To allow students get acquainted with the popularity of Sunderban as a tiger reserve.
Week 4	The open window	Saki explores the concept of chaos by disrupting the otherwise tranquil household with tragic death	To let students explore the concept of empowerment through narration of fables.

SUBJECT: HINDI

WEEK	MAIN COURSE BOOK वसंत भाग -2	WORK BOOK & GRAMMAR नवीन शिक्षार्थी	EXPECTED LEARNING OUTCOME
WEEK -1	L-12, पानी की कहानी	विराम चिह्न	छात्र पानी के उत्पत्ति के विषय में जान पाएँगे ।
WEEK -2		संवाद लेखन	कल्पना शक्ति का विकास ।
WEEK-3	L-13, बाज और साँप	उपसर्ग	जीवन जीने का ढंग ।
WEEK-4		मुहावरें	व्याकरण का ज्ञान ।

SUBJECT: MARATHI

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1	उभयान्वयी अव्यय	व्याकरण	*विद्यार्थी उभयान्वयी अव्यय या शब्दांच्या जातीविषयी जाणून घेतील. *विद्यार्थी उदाहरणे सांगतील. *विद्यार्थी उदाहरणे लिहितील.
WEEK 2	१२. शब्दकोश (स्थूलावचन)	उपयोजित लेखन	*विद्यार्थी वाचन करतील. *विद्यार्थी चर्चा करतील. *विद्यार्थी कथा लिहितील.
WEEK 3			
WEEK 4	केवलप्रयोगी अव्यय	व्याकरण	*विद्यार्थी केवलप्रयोगी अव्यय या शब्दांच्या जातीविषयी जाणून घेतील. *विद्यार्थी उदाहरणे सांगतील. *विद्यार्थी उदाहरणे लिहितील.

SUBJECT: PHYSICAL EDUCATION

WEEK	TOPIC	Sub Topics	Expected Learning Outcomes
WEEK 1- 5	Athletics Volleyball Table Tennis	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	Evaluate measurable goals. Improve 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 - Introduction / AI - Relate	i) Programming Language, i)Introduction to python iii) Character set Tokens v) comments / Concept of smart living, Ice Breaker Activity	Students will learn about the different new terms used in python along with their functions and syntax. / Students will learn about the concept of smart living in AI and will perform an ice breaker activity related to the same.
WEEK 2	Python - Introduction / Coding - Programming with Arrays	i) Statements ii) Dtypes iii) Variables iv) Defining Input & output in python / Introduction, Arrays, Playing with colors, Sorting an Array.	Students will learn about the more terms and their functions and syntax to work with python. / Students will learn about arrays , playing with colors & how to sort an Array in coding.
WEEK 3	Python - Introduction / AI / Coding	i) Error handling ii) programs in python iii) Exercise & Activity	Students will learn to handle errors in the python program.
WEEK 4	Python - Introduction	AI / Coding Lab Activity & Revision - Class Test	

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: 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: SOCIAL SCIENCE

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1&2	10 “Law and Social Justice”	What is a worker’s worth? 2. Enforcement of safety laws. 3. New laws to protect the environment laws for child and labourers in organised sector and their protection. 4. To give knowledge about protection act and laws made for protection of environment.	Applies the knowledge of the different laws for environment protection and to find out about their violation, protection and promotion in a given situation.
WEEK 3	8.Women,Caste and Reform	Our Pasts-III deals with reforms in favour of women, anti-casteism and other related topics.	Students can analyses the issues related to caste, women, widow remarriage, child marriage, social reforms and the laws and policies of colonial administration towards these issues
WEEK 4	9.Public Facilities	Public facilities include healthcare, sanitation, electricity, public transport, schools and colleges.	Stdents can identifies the role of Government in providing public facilities such as water, sanitation, road, electricity etc., and recognises their availability & describes the role of Government in regulating economic activities.

SUBJECT: GENERALKNOWLEDGE

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1&2	80. ANALOGIES 81. SUDOKU	NIL	80. Choose the correct analogies. 81. Solve the sudoku puzzle.
WEEK 3	84. RACK YOUR BRAINS 87. AROUND THE WORLD	NIL	84. Brain Exercise 85. Things happening around the world.
WEEK 4	88. ART & LITERATURE 89. AWARDS & HONOURS 90. SCIENCE & TECHNOLOGY	NIL	88. India famous for its art & Literature. 89. Awards & honours winners 90. India's Science & Technology

Class Teacher: RANI C. THOMAS