

**MONTH :APRIL**

**CLASS : VIII**

**Academic Year 2022-23**

**SUBJECT: CHEM/BIO**

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 2	Ch 1-Crop Production	*Introduction * Crops and types of crops in India	Define crops and green revolution. List the advantages of green revolution
WEEK 3	Ch 1-Crop Production	*Methods of production- Soil preparation , Sowing ,Weeding, Irrigation ,Harvesting Etc <b>INNOVATIVE TEACHING -PROJECT BASED LEARNING- BROWN BAGGING</b>	List and explain advantages of loosening and turning soil. Recognize the importance of using green manure.
WEEK 4	Ch 1-Crop Production	*Increasing crop Produce - Hybridization, nitrogen cycle * Animal husbandry.	Differentiate between manure and fertilizers .Draw and Label nitrogen cycle.
WEEK 5	Ch 3. Coal And petroleum	*Coal *Preventing energy crisis.	Explain the methods for using energy Judiciously. Give examples for adopted methods to reduce consumption of natural resources.

**SUBJECT: PHYSICS**

WEEK	LESSON	TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 2	Chapter 11: Force and Pressure	* Introduction * Force – A Push or a Pull	Students will understand the concept of force.
WEEK 3	Chapter 11: Force and Pressure	* Forces are due to an Interaction	<b>Innovative Method: Interactive Lesson</b> Students will understand the different effects of heat.
WEEK 4	Chapter 11: Force and Pressure	* Exploring Forces * A Force can Change the State of Motion	They will explore various kinds of forces. Students will also learn effects of forces
WEEK 5	Chapter 11: Force and Pressure	* Force can Change the Shape of an Object * Contact Forces	Students will learn effects of forces. They will be able to classify types of forces

**SUBJECT: MATHEMATICS**

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 2	1. Rational Numbers	Introduction to rational numbers , Properties of rational numbers	Recall the meaning of rational numbers and perform basic operations on rational numbers, Identify the properties of rational numbers on addition , subtraction , multiplication and division
WEEK 3	1. Rational Numbers	Properties of rational numbers	Identify the properties of rational numbers on addition , subtraction , multiplication and division
WEEK 4	2. Linear equations in one variable	Introduction to simple linear equations , Solving linear equations , Solving equations with variables on both sides	Identify a linear equation in one variable Solve Equations which have Linear Expressions on one Side and Numbers on the other Side
WEEK 5	2. Linear equations in one variable	Equations reducible to simple form,	Solve equations having the Variable on both Sides , Reduce the given Equations to Simpler Form and solve

**SUBJECT: ENGLISH**

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1	Introduction to the syllabus	Discussion on writing skills, reading passage and literature	Students will get a constructive idea about the syllabus and weightage.
WEEK 2	The Three Questions	Theme, symbolism and critical appreciation	Students will understand the value of life and importance of a wise counsel
WEEK 3	Corner Stone	Adjectives and usage	To facilitate better understanding and usage of adjectives
WEEK 4	A Short Monsoon Diary	Ruskin Bond's portrayal of seasonal changes and its effect on flora and fauna. (Innovative Teaching-Enquiry Based Learning)	Students will be able to develop a better insight about the variable climatic conditions and its impact on the biodiversity.
WEEK 5	Writing Skill - Formal Letter	Letter to the editor, Diary Writing	To practice writing letter with correct format and ensure better writing skills among students.

**SUBJECT: SOCIAL SCIENCE**

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 2	Chapter1 (Resource and Development)	1. Types of Resources.2. Resources to provide information about –Types of Resources,Natural, Human made,Human Resources,Conservation and Sustainable Development of the Resources.	Students will be able to:- Justifies judicious use of natural resources such as water, soil,forest, etc and to maintain distribution and development in all areas.
WEEK 3	Chapter 1-How when and where	1. How important are dates? 2. How do we know? Information will be given about – importance of dates, How do we periodise? 3. What is colonialism? 4. How does administration – produces documents, surveys and records?	After reading the chapter, the students will be able to :- Identify the location of India in the Indian subcontinent.
WEEK 4	Chapter 2-From trade to territory	1. East India Company comes east.2. Company Rule expands.3. Setting up a NewAdministration to provideinformation about – EastIndia Company begins trade in Bengal; How trade led to battles, the battle of Plassey, Company officials become “Nawobs”, Tipu Sultan – “The Tiger of Mysore”; War with Marathas; The claim of Paramountancy. The Doctrine of Lapse; The Company Army.	Students will able to :- Explains howthe English East India Company became themost dominant power.
WEEK 5	Chapter 1-“The Indian Constitution”	1. Why does a country need a constitution? 2. The Indian Constitution; key features. To provide information about – Importance of constitution, federalism,parliamentary form of government separationof powers, secularism,etc.	Students can :-Interprets social and political issues in one’s own region with reference to the Constitution of India.Illustrates the Fundamental Rights and Fundamental Duties with appropriate examples.

**SUBJECT: MARATHI**

WEEK	LESSON	TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 2	१.आम्ही चालवू हा वारसा	कविता	*विद्यार्थी गाणे तालासुरात म्हणतील. *विद्यार्थी कविता साभिनय म्हणतील. *विद्यार्थी शाळेचे चित्र काढतील.
WEEK 3	उजळणी - व्याकरण	नाम	*विद्यार्थी नाम या शब्दांच्या जातीविषयी जाणून घेतील. *विद्यार्थी उदाहरणे सांगतील. *विद्यार्थी उदाहरणे लिहितील.
WEEK 4	उजळणी - व्याकरण	सर्वनाम,विशेषण,क्रियापद	*विद्यार्थी सर्वनाम,विशेषण,क्रियापद या शब्दांच्या जातीविषयी जाणून घेतील. *विद्यार्थी उदाहरणे सांगतील. *विद्यार्थी उदाहरणे लिहितील.
WEEK 5	२.मी चित्रकार कसा झालो!	पाठ	*विद्यार्थी पाठाची मध्यवर्ती कल्पना जाणून घेतील. *विद्यार्थी पाठाचे प्रकटवाचन करतील. *विद्यार्थी स्वतःचे अनुभव कथन करतील. *विद्यार्थी चर्चेत सहभागी होतील.

**SUBJECT: HINDI****CLASS: VIII****MONTH: APRIL 2023**

WEEK	MAIN COURSE BOOK वसंत भाग-3	SUB TOPIC (व्याकरण)	EXPECTED LEARNING OUTCOME
WEEK -2	L-1. ध्वनि	पाठ में आए संज्ञा, विशेषण आदि की जानकारी	आलस्य का त्याग तथा नवीनता का संचार
WEEK -3	L-2. लाख की चूड़ियाँ	पर्यायवाची, देशज शब्द आदि	मशीनी युग ने अनेक कलाओं को नष्ट कर दिया जिसके कारण वे कलाकार बेरोजगार हो गए
WEEK -4	L-3, बस की यात्रा	मुहावरे तथा लोकोक्तियाँ	यातायात की दुर्व्यवस्था से छात्रों को अवगत कराना
WEEK-5		वर्ण-विचार तथा वर्तनी क्रिया-कलाप: उचित मात्रा वाले शब्द से रिक्त स्थानों की पूर्ति	छात्र मात्राओं का सही प्रयोग सीख पाएँगे

**SUBJECT: COMPUTER SCIENCE**

WEEK	LESSON	TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 3	Computer Network	Communication & Computer Network	Students will understand about computer communication and the types of computer network.
WEEK 4	Computer Network	Types of Network & Communication Channel	Students will learn about the types of network hardware, communication channels and network architecture.
WEEK 5	Computer Network	Network Architecture and protocol	Students will learn about topologies and network.

**Subject: DANCE**

WEEK	TOPIC	PROJECT/ACTIVITY RELATED TO THE TOPIC	EXPECTED LEARNING OUTCOMES
WEEK 1-3	Dance Practice on the save water theme with a poem on save water	Students will make a placards of Save Water Slogans.	This song is related to pay tribute the river as well as water. Students will be able to understand the importance of it in daily life and to save it.
WEEK 4-5	Zumba Dance as Dance Exercise	Making of Pompoms or props	By practicing this dance, students can improve the condition of your heart and lungs. increased muscular strength, endurance and motor fitness.

**SUBJECT: ART**

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 2	Colours	Colour Theory	Develops colour knowledge
WEEK 3	Pottery	Pottery Introduction	To develop a working knowledge of design concept, including from, structure, space, surface, colour, proportion, composition and function.
WEEK 4	Shapes	Exploring Shapes	Students will be able to identify defining attributes of 3D basic shapes
WEEK 5	Activity	<b>3D shape making</b>	Students will be able to identify defining attributes of 3D basic shapes

**SUBJECT: PHYSICAL EDUCATION**

Month	Topic	Activities related to Topic	EXPECTED LEARNING OUTCOMES
<b>WEEK 2 to 5</b>	1. Volleyball 2. Table Tennis 3. Tennis Cricket 4. March Past	1. Warm-up- General & Specific warm-up. 2. Volleyball:- Throw, Pass & Under hand lift 3. Table Tennis: - (Skills & Rules) Gripping, Toss, (Service – Backhand & forehand Chop & Counter 4. Tennis Cricket bowling & Catch Practice 5. March- Past Drill Practice	1. Better hand-eye coordination. 2. Better cognitive growth. 3. Improve personal fitness through exercises.

**SUBJECT: GENERAL KNOWLEDGE****MONTH APRIL 2023**

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 2	Ch1-Cities Then & Now .& Ch2- Ancient Indian Text	NIL	1. Students will be able to know old & new name of cities. 2. Students will be able to know about the ancient Indian text with their description.
WEEK 3	Ch3- Indian Craft & Ch4- State Facts	NIL	1. Students will be able to learn about Indian crafts. 2. Students will be able to learn about states water bodies.
WEEK 4	Ch5- Indian Judiciary & Ch 6- Women at the Helm	NIL	1. Students will be knowing about Indian Judicial System. 2. Students will come to know about Women tycoons with their positions.
WEEK 5	Ch7- Daredevils & Ch8- Currencies around the World	NIL	1. Students will come to know about the women who are known to the world for their remarkable achievements. 2. Students will come to know about world currencies

Class Teacher : RANI C.THOMAS