



Bal Bharati
PUBLIC SCHOOL
RGPPL RATNAGIRI
CLASS : VII
SYLLABUS PLAN

Month : April
SUBJECT: MATHEMATICS

ACADEMIC YEAR - 2023-24

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 2	1. Integers	Introduction , Additon and subtraction of integers,	Recall and Identify Integers in the number system , Compare and order integers , Recall addition and subtraction of integers
WEEK 3	1. Integers	Properties of integers under addition and subtraction , Multiplication of integers ,Properties of integers under mutiplication	Identify the propeties of Integers on addition and subtraction , Perform multiplication of integers , Identify the properties of integers on multiplication
WEEK 4	1. Integers 2. Fractions and Decimals	Division of integers , Properties of Integers under division, Word problems on integers Introduction to fractions, (Activity : Games on Operations on Integer)	Perform the division of integers , Apply the concept of Integers to solve the problems on life situations Recall the basic properties of fractions, Types of fractions Recall the method of addition and subtraction of fractions
WEEK 5	2. Fractions and Decimals	Multiplication and Division of fractions	Identify the method of multiplication of fractions Multiply a whole number and fraction , frctions to fractions

SUBJECT: CHEM/BIO

WEEK	TOPICS	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 2	Ch 1-Nutrition in Plants	* Autotrophs and the type of nutrition * Photosynthesis and ingredients for photosynthesis	<u>Compare</u> Autotrophic and heterotrophic nutrition. <u>Explain</u> the process of photosynthesis. <u>Write</u> equation for photosynthesis.
WEEK 3	Ch 1-Nutrition in Plants	*Test for sunlight,CO ₂ , and starch ,	<u>Define</u> Heterotrophic nutrition, <u>Find</u> Parasitic plants from their surroundings.
WEEK 4	Ch 1-Nutrition in Plants	*Heterotrophic nutrition- Autotrophic, saprophytic Parasitic etc	<u>Define</u> parasitic nutrition and partial parasites. <u>Explain</u> symbiosis with example. <u>Observe</u> fungus under microscope.
WEEK 5	Ch 4. Acids Bases And Salts	*What is acid *What is base. *Test for acid and base. INNOVATIVE TEACHING -ACTIVITY BASED LEARNING - TURMERIC INDICATOR CARD	<u>List</u> the fruits that are sour. <u>Identify</u> acid and base from the colour of the litmus paper. Prepare natural indicators using natural substances

SUBJECT : ENGLISH

WEEK	TOPICS	SUB TOPICS (Grammar & Writing)	EXPECTED LEARNING OUTCOMES
WEEK 2	Introduction to the syllabus	Discussion on writing skills, reading passage and literature	Students will get a constructive idea about the syllabus and weightage.
	Learning the Game	Tendulkar and his days of hard work	Students will appreciate and admire the methodical hard work put in for success
WEEK 3	Corner Stone	Prepositions - Practice exercise	To practice use of prepositions
WEEK 4	Dr Dolittle learns animal Language	Symbolism of the text, impact of animal depiction and its metaphoric implication. Innovative Teaching - Blended Learning	To enable students identify animals with human characters
WEEK 5	Be the best of whatever you are	Thematic significance of the poem with real life examples	To inspire students to showcase their best in every aspect of life

SUBJECT: PHYSICS

WEEK	TOPICS	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 2	Ch 1-Nutrition in Plants	* Autotrophs and the type of nutrition * Photosynthesis and ingredients for photosynthesis	<u>Compare</u> Autotrophic and heterotrophic nutrition. <u>Explain</u> the process of photosynthesis. <u>Write</u> equation for photosynthesis.
WEEK 3	Ch 1-Nutrition in Plants	*Test for sunlight, CO ₂ , and starch ,	<u>Define</u> Heterotrophic nutrition, <u>Find</u> Parasitic plants from their surroundings.
WEEK 4	Ch 1-Nutrition in Plants	*Heterotrophic nutrition- Autotrophic, saprophytic Parasitic etc	<u>Define</u> parasitic nutrition and partial parasites. <u>Explain</u> symbiosis with example. <u>Observe</u> fungus under microscope.
WEEK 5	Ch 4. Acids Bases And Salts	*What is acid *What is base. *Test for acid and base. INNOVATIVE TEACHING -ACTIVITY BASED LEARNING - TURMERIC INDICATOR CARD	<u>List</u> the fruits that are sour. <u>Identify</u> acid and base from the colour of the litmus paper. Prepare natural indicators using natural substances

SUBJECT: COMPUTER SCIENCE

WEEK	TOPICS	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 3	Number System	Introduction and Number System	Students will understand about how computer works
WEEK 4	Number System	Decimal Number system , Binary Number System, Octal Number System	Students will be able to identify various input, output devices and their uses.
WEEK 5	Number System	Conversion of Number System & Exercise	Students will be able to identify various storage and processing devices and their uses.

SUBJECT: HINDI

WEEK	MAIN COURSE BOOK वसंत भाग -3	WORK BOOK & GRAMMAR शिक्षार्थी नवीन	EXPECTED LEARNING OUTCOME
WEEK -2	L-1. हम पंछी उन्मुक्त गगन के	छात्र कविता का सस्वर गायन करेंगे और पाक्षियों को बंधन में न रखने की शिक्षा ग्रहण करेंगे।	बच्चे स्वतंत्रता के महत्त्व को जान पाएंगे। अभ्यास में आए संज्ञा, सर्वनाम, विशेषण आदि की जानकारी भी प्राप्त करेंगे और अभ्यास लिखेंगे।
WEEK-3	L-2. दादी माँ	छात्र कहानी पढ़कर बुजुर्गों का महत्त्व व उपयोगिता के बारे में जानेंगे। पर्यायवाची, विलोम आदि अभ्यास करेंगे। INNOVATIVE TEACHING - कहानी पढ़कर अपने-अपने दादा- दादी के बारे में बातचीत करेंगे।	छात्र पारिवारिक जिम्मेदारियों का निर्वहन कैसे किया जाता है, जानेंगे।
WEEK-4	L-3, हिमालय की बेटियाँ	छात्र हिमालय तथा उनसे निकलने वाली नदियों की जानकारी प्राप्त करेंगे। विशेषण, पर्यायवाची शब्द सीखेंगे।	हिमालय तथा उनसे निकलने वाली नदियों की जानकारी।
WEEK-5	भाषा ,बोली ,लिपि,व्याकरण	अभ्यास कार्य	छात्र भाषा ,बोली ,लिपि,व्याकरण आदि सीखेंगे व अभ्यास कार्य करेंगे।

SUBJECT: GK

WEEK	TOPICS	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 2	1. Sobriquets	NIL	Students will get acquainted with Sobriquets
WEEK 3	2. Prime Ministers of India	NIL	Students will get to know of Prime Ministers of India
WEEK 4	3. Dams of India	NIL	Students will get acquainted with famous dams of India
WEEK 5	4. Honours and Awards	NIL	Students will continue to learn about various honours and awards

SUBJECT: MARATHI

WEEK	TOPICS	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 2	१. नाच रे मोरा	कविता	*विद्यार्थी गाणे तालासुरात म्हणतील. *विद्यार्थी कविता साभनय म्हणतील. *विद्यार्थी मोराचे चित्र काढतील.
WEEK 3	२. श्यामचे बंधुप्रेम	पाठ	*विद्यार्थी पाठाची मध्यवर्ती कल्पना जाणून घेतील. *विद्यार्थी पाठाचे प्रकटवाचन करतील. विद्यार्थी स्पष्टीकरण समजून घेतील. *
WEEK 4	२. माझा अनुभव	पाठ	*विद्यार्थी पाठाची मध्यवर्ती कल्पना जाणून घेतील. *विद्यार्थी पाठाचे प्रकटवाचन करतील. * विद्यार्थी प्रश्नावर चर्चा करतील.
WEEK 5	३. माझ्या अंगणात	कविता	*विद्यार्थी कविता साभनय गायन करतील. *विद्यार्थी स्वतःच्या शब्दात पावसाविषयी माहिती सांगतील. * विद्यार्थी प्रश्नावर चर्चा करतील.

SUBJECT: SOCIAL SCIENCE

WEEK	TOPICS	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 2	Chapter 1- Tracing Changes through 1000 yrs	Two different maps of Indian subcontinent, new & old terminologies, historians and their sources, New social & political groups, region and empire. Old & New Religions. Thinking about time and historical periods.	Students will :-1) Understands the importance of textual records in examining the history of the period in addition to manuscripts, inscriptions & archeological evidence.
WEEK 3	Chapter 1-Environment	Environment: Meaning, Components, Development of interconnection & sensitivity towards environment. Environment's components: Natural, Human-made, Human. Domains of the environment: lithosphere, Hydrosphere, Atmosphere, Biosphere. Eco-system, Human Environment, Barter system, Balance, Harmony and inter-relationship with components of environment. Impacts of environment changes – pollution factors, & remedies to control the pollution. ACTIVITY:- FIELD STUDY	students can:- 1) Understands that there are different components of the environment & the interrelationship among them. 2) Appreciates & keeps sensitivity towards environmental conservation. 3) Analyze the causes of pollution around them and discuss about the means to control it.
WEEK 4	Chapter 1-Equality	Meaning, Other kinds of inequality, Equality in Indian Democracy, Equal right to vote, issues of equality in other democracies, value of human dignity, Indian constitution - excerpts from Article 15 Challenge of democracy.	Students will be able to:-1) Believes in equality of opportunity for all people. 2) Shows empathy towards the people who are not provided with equal opportunities. 3) Thinks for viable solutions to lead a life with equal rights & dignity for all.
WEEK 5	Chapter 2-Inside our Earth	Natural environment, land, The composition of major layers of the interior of the earth, various types of rocks minerals, their uses.	Students will be able to:-1) Understands the interior of Earth, importance of minerals & rocks etc. 2) Can suggest the causes and security measures of different disasters.

SUBJECT: ART

WEEK	TOPICS	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
WEEK 4	Shapes	Exploring Shapes	Students will be able to identify defining attributes of basic shapes
WEEK 5	Activity	Bookmark making	fine motor skills. Enhancing children's hand eye co-ordination and building levels of manual dexterity.

SUBJECT: DANCE

WEEK	TOPIC	Project/Activity related to Topic	EXPECTED LEARNING OUTCOMES
WEEK 2-3	School Foundation Day dance practice on a theme	Making School Logo	To inculcate school culture and to respect them.
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:Physical Education

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

SUBJECT: SANSKRIT

WEEK	TOPICS	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 2	L-1, वैभवस्य जन्मदिवसः		लट् लकार और लृट् लकार की पुनरावृत्ति
WEEK 3	L-2, शुकः काकः च (लट् लकारः- प्रथमः पुरुषः)		लट् लकार का प्रथम पुरुष के वाक्यों में प्रयोग ।
WEEK 4	L-3, दरिद्रस्य सहायता (लट् लकारः- मध्यमः पुरुषः)		लट् लकार का मध्यम पुरुष के वाक्यों में प्रयोग ।
WEEK 5	L-4, जन्तुशालायाः विहारः (लट् लकारः- उत्तम पुरुषः) क्रिया-कलाप- रिक्तस्थानों में लट् लकार के उचित क्रियापदों से पूर्ति ।		लट् लकार का उत्तम पुरुष के वाक्यों में प्रयोग ।

Class Teacher : Manoj Jadhav