

MONTH: JANUARY 2023

SUBJECT: MATHEMATICS

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1	Triangles and its properties	Pythagoras Theorem	Students will be able to Identify Pythagoras theorem Solve problems on Pythagoras theorem
WEEK 2	12. Symmetry 13. Visualising Solids	Line of symmetry and Rotational symmetry Introduction to plane figures and solids Visualisation of solids	Students will be able to identify the number of line of symmetry and rotational symmetry in a given figure. Explore symmetrical figures in daily life. Identifies plane figures and solids Make nets of 3D shapes Identifies and the faces, edges and vertices of 3D shapes Draw oblique sketches, solids on flat surfaces.
WEEK 3	Revision	Topics for Annual Examination	Recall the learning from the topics
WEEK 4	Revision	Topics for Annual Examination	Recall the learning from the topics
WEEK 5	Revision	Topics for Annual Examination	Recall the learning from the topics

SUBJECT: SCIENCE

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1	Ch 8 Reproduction in Plants PHY : Sample Paper	Asexual Reproduction Budding, Fragmentation, Spore formation and vegetative reproduction. *Practicing sample paper	Define reproduction. Differentiate sexual and asexual reproduction in plants. Define budding and fragmentation. List the vegetative parts of plants. *Solving varieties of questions by applying the concepts.
WEEK 2	Ch 8 Reproduction in Plants PHY : Simple Pendulum, electric components	Practicing sample paper *Simple Pendulum practical, identification of electrical components.	Define sexual reproduction. Draw parts of flower. Explain fertilization. Distinguish between self pollination and cross pollination. Explain the post fertilization changes. Solve WORKSHEET 7 *Studying the simple Pendulum and finding the time period, identifying the electrical components.
WEEK 3	Revision chapter 1 PHY : Light and heat	Nutrition in plants *Assertion reasons, case study type questions	Students will recall. Clear doubts. Write test *Understanding the concept of the question and marking appropriate answers
WEEK 4	Ch 12 Forests: Our lifeline	*Introduction and products from forests. *List of useful plants. INNOVATIVE TEACHING - PICK	define forest. Components of forest Recognize forest as wealth.
WEEK 5	PHY : Light and heat	AND SPEAK	List the ways by which animals are useful to plants.

SUBJECT : ENGLISH

WEEK	TOPICS	SUB TOPICS (Grammar & Writing)	EXPECTED LEARNING OUTCOMES
Week 1	Grammar :- Conditional (0,1,2,3)	Uses, differences and examples through error correction	To enable students to grasp the uses of conditionals and its impact in a sentence
Week 2	The Holy Panchayat	The judicial system prevalent in India and its impact in rural households	To enable students understand the evident themes of justice, friendship and responsibility.
Week 3	My Lost Dollar	The author's portrayal of intrigue	To understand the essence of a fiction
Week 4,5	Shillong, Rock Capital of India	Author's depiction of Shillong as the capital of rock music	To trace the historical evidences of rock music and its popularity in the state

SUBJECT: COMPUTER SCIENCE

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1	HTML- Images, links & Table / Coding - Understanding Arrays & Collections.	i) Images in web page ii) Inserting Images iii) Links in web page / Introduction, Collection , Arrays.	Students will learn about inserting images and links in web page. / Students will learn to make use of arrays and collections in coding.
WEEK 2	Worksheet & Project Work		
WEEK 3	AI / Coding lab activity, Coding & Project Work		
WEEK 4	HTML- Images, links & Table / Coding - Understanding Arrays & Collections.	i) Creating links in Web page ii) Tables iii) Creating a table / Iterate over collections, Modifying collections, Exercise & Activity.	Students will learn to insert tables in a web page using HTML.
WEEK 5	AI - Concept of smart living	Smart homes, Devices used in smart homes, AI lab	Students will understand about the devices used in their homes

SUBJECT: HINDI

WEEK	TOPIC	SUB TOPICS	Expected Learning Outcomes
WEEK 1	L-14 संघर्ष के कारण में तुनकमिजाज़ हो गया - धनराज	साक्षात्कार पठन-पाठन व व्याख्या ART INTEGRATED CLASS WITH PET- Sir will give more information about Dhanraj Pillai	साक्षात्कार पढ़कर छात्र हॉकी के प्रसिद्ध खिलाड़ी धनराज पिल्लै के बारे में व उनके संघर्ष के बारे में जानेंगे। अभ्यास कार्य लिखेंगे।
WEEK 2	L-15 आश्रम का अनुमानित व्यय	लेखा- जोखा पठन-पाठन व व्याख्या	छात्र आश्रम का अनुमानित व्यय पढ़कर आश्रम का लेखा - जोखा सीखेंगे।
WEEK 3	अव्यय , विराम चिह्न ,मुहावरे व लोकोक्तियाँ	व्याकरण अभ्यास	छात्र अव्यय , विराम चिह्न ,मुहावरे व लोकोक्तियाँ आदि सीखेंगे।
WEEK 4	विज्ञापन लेखन ,अनुच्छेद लेखन	व्याकरण अभ्यास	छात्र विज्ञापन लेखन ,अनुच्छेद लेखन आदि सीखेंगे।
WEEK 5	निबंध लेखन	व्याकरण अभ्यास	छात्र निबंध लेखन सीखेंगे।

SUBJECT: GK

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1	Ch - V,VI,VII,VIII,IX	* Art and Literature - 41 * Grammar and Language- 53 *Sports and Games-62 * Moral values and life skills- 70 & 71 * Mind games -78	Compare the names of the traveller with the place they travelled and the reason for travelling. Define Phobia and name the phobias . Identify the symbols of the summer and winter Olympics games. Read and write about the causes ,effect and corrective measures for different social issues. Find words from the clues.
WEEK 2	Ch I,II,III, V	*My Country - 8 *Around the World-18 *Environment And the World Of Science.-35 * Art and Literature - 42	Identify the types of painting given in the picture. Fill in the gap and completed the name. Learn about the facts related to the reptiles.
WEEK3	Ch - VI,VII,VIII,IX	* Grammar and Language- 54& 55 *Sports and Games-63 * Moral values and life skills- 72 * Mind games -79	Choose correct contraction to fill in the blanks. Find the games from the given description. Identify the yoga gurus from the given description. Vocabulary building using the given instruction.
WEEK 4	Ch I,II,V	*My Country - 9	Identify the mobile app and write its use. Identify the country from the given discription.Read about Indian folk theatre and
WEEK 5		*Around the World-19	

SUBJECT: MARATHI

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1	रोजनिशी	उपयोजित लेखन Activity: Activity Based Learning Art Interation	*विद्यार्थी वाचन करतील. *विद्यार्थी चर्चा करतील. Activity
WEEK 2			
WEEK 3	१३.अदलाबदल	पाठ	*विद्यार्थी वाचन करतील. *विद्यार्थी चर्चा करतील.
WEEK 4	निबंध लेखन	उपयोजित लेखन	*विद्यार्थी वाचन करतील. *विद्यार्थी चर्चा करतील.
WEEK 5	उजळणी		

SUBJECT: SOCIAL SCIENCE

WEEK	TOPICS	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1	8.AShirt in the Market	Cotton farmer in Kurnool Cloth Market of Erode Putting-out-System-Weaver Producing cloth At Home	Students will be able to know how a piece of shirt is made.
WEEK 2	7.Markets Around Us	Weekly Market. Shops in the neighbourhood Shopping Complexes and Malls Chain of Market	Students are able to- Be creative. Improve their communicative skills Know about the chain of markets.
WEEK 3	10. Eighteenth – Century Political Formations	The Crisis of Empire and the Later Mughals. Emergence of New States the Old Mughal Provinces Hyderabad, Awadh, Bengal	Students are able to - Develop map skills. Connect the events with their locations after the decline of the Mughals. Understand the changes in India with the coming of Marathas and Sikhs
WEEK 4 & 5	Map Practice		

SUBJECT: ART

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK1 to 4	Nature Drawing	Makar sankranti	Students will be able to identify the different types human figure.

SUBJECT: DANCE

WEEK	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	Dance practice on a folk dance	Dance based Exercise, Every day Practice with music in group.	Students will gain some practical knowledge about the cultural side of the particular state.

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. Improve their motivation, perseverance, self control, and patience. Ability to perform several offensive and defensive strategies.

SUBJECT: SANSKRIT

WEEK	MAIN COURSE BOOK दिव्याञ्जलि: (भाग-2)	SUB TOPIC	EXPECTED LEARNING OUTCOME
WEEK -1	L-14, किं किं कुर्यात् (विधिलिङ्ग लकारः)		छात्र विधिलिङ्ग लकार के बारे में जानकारी प्राप्त करेंगे ।
WEEK-2	L-8, रमणीयम् उद्यानम् (पुनरावृत्ति)	विशेषण-विशेष्य	छात्र संस्कृत में संख्याओं का ज्ञान प्राप्त करेंगे ।
WEEK -3	L-9, मम परिवारः (पुनरावृत्ति)	उपसर्ग	छात्र उपसर्गों को जान पाएँगे ।
WEEK -4	L-10, आदर्शः छात्राः(पुनरावृत्ति)	प्रत्यय	छात्र प्रत्ययों का प्रयोग सीख पाएँगे ।
WEEK-5		अपठित-अवबोधनम्	छात्र अपठित सामग्री को समझकर उत्तर दे पाएँगे ।

SUBJECT: VALUE EDUCATION

WEEK	TOPIC	Project/Activity related to Topic	EXPECTED LEARNING OUTCOMES
Week 1 to 5	Continuation of Gender Equality	Role changing through dance 'classical dance for boys and contemporary dance' for girls.	Students will define and Evaluate gender as a social construct. They will identify the ways gender, power, privilege, and oppression play out across a range of cultures and human experiences.

Class Teacher : Manoj Jadhav