

**SUBJECT: MATHEMATICS**

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
WEEK 1	9. Perimeter and Area	Area and Perimeter of - Rectangles and Squares(revision) - Triangles & Parallelograms	Recall the method and formulae for finding the area and perimeter of rectangle and square. find area of triangle and parallelogram
WEEK 2	9. Perimeter and Area	Area and circumference of circles <b>Activity : To find the area of a circle</b>	To find the area and circumference of circles using formula
WEEK 3	12. Symmetry	Line of symmetry and Rotational symmetry	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.
WEEK 4	13. Visualising Solids	Introduction to plane figures and solids Visualisation of solids	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 5	Winter Break		

**SUBJECT: CHEM/BIO**

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1 & 2	Ch 7 Transportation in Animals and Plants	*Transportation in plants. *Functions of Xylem And Phloem	Defines Ascent of Sap and translocation. Give the importance of transpiration. Define wilting. Differentiate Xylem and Phloem
WEEK 3	Ch 8 Reproduction in Plants	*Asexual Reproduction *Budding, Fragmentation, Spore formation and vegetative reproduction.	Define reproduction. Differentiate sexual and asexual reproduction in plants. Define budding and fragmentation. List the vegetative parts of plants.
WEEK 4	Ch 8 Reproduction in Plants	Sexual reproduction in plants	Define sexual reproduction. Draw parts of flower. Explain fertilization. Distinguish between self pollination and cross pollination. Explain the post fertilization changes. Solve <b>WORKSHEET 7</b>
WEEK 5	Winter Break		

**SUBJECT : ENGLISH**

WEEK	TOPICS	SUB TOPICS (Grammar & Writing)	EXPECTED LEARNING OUTCOMES
Week 1	PT 2 EXAMINATION		
Week 2	All the world's a stage	Shakespeare's portrayal of the world as a stage	To understand the perspective of the poet as a universal truth
Week 3	Shillong the 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
Week 4	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 5	Winter Break		

**SUBJECT: COMPUTER SCIENCE**

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1	HTML - Introduction Coding - Fun with functions	i) Introduction to HTML ii) HTML5 iii) Text Editors iv) Web browser for HTML5 / Introduction, Functions, Advantages of functions.	Students will learn about a new language HTML for designing web page. / Students will learn to create codings in minecraft using the functions.
WEEK 2	HTML - Introduction / AI - Fields of AI	Exercise & activity / Smart phone industry, social media platforms, banking & Financial Sector, E-commerce	Students will understand about AI is commonly used in wide range of fields like smart phones, social media , e-commerce etc.
WEEK 3	HTML - Introduction	Lab Activity	& Revision - Class Test
WEEK 4	HTML5 - Creating Web Page / Coding - Fun with functions.	i) Basic HTML tags ii) Displaying Webpage in a web browser iii) Modifying paragraph text / Function parameters and event.	Students will learn the basic building blocks of HTML5 tags for creating web pages and will learn to modify paragraph text. / Students will learn about the function parameters and events in coding.
WEEK 5	Winter Break		

**SUBJECT: HINDI**

WEEK	TOPIC	SUB TOPICS	Expected Learning Outcomes
WEEK 1	L-12 भोर और बरखा	भजन पठन-पाठन व व्याख्या ART INTEGRATED CLASS WITH MUSIC- छात्र संगीत अध्यापक के साथ भजन गायेंगे	छात्र भजन पढ़कर व गाकर भजनों की रचना व गायन के बारे में जानेंगे व भजन गायेंगे   अभ्यास कार्य करेंगे
WEEK 2	L-13 वीर कुंवर सिंह	जीवनी पठन - पाठन व व्याख्या	छात्र जीवनी पढ़कर जी वीर कुंवर सिंह के देशप्रेम , साहस गुणों, आदर्शों व बलिदान के बारे में जानेंगे व अभ्यास कार्य करेंगे
WEEK 3	L-13 वीर कुंवर सिंह	जीवनी पठन - पाठन व व्याख्या	छात्र जीवनी पढ़कर जी वीर कुंवर सिंह के देशप्रेम , साहस गुणों, आदर्शों व बलिदान के बारे में जानेंगे व अभ्यास कार्य करेंगे
WEEK 4	पत्र लेखन	औपचारिक व अनौपचारिक पत्र	छात्र औपचारिक व अनौपचारिक पत्र लेखन अभ्यास करेंगे
WEEK 5	Winter Break		

**SUBJECT: GK**

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1 & 2	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 3 & 4	Ch I, II, III, V	* My Country - 8 * Around the World-18	Identify the types of painting given in the picture. Fill in the gap and completed the name. Learn about the facts related to the
WEEK 5	Winter Break		

**SUBJECT: MARATHI**

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1	११.लेक	कविता	*विद्यार्थी कविता गायन करतील. *विद्यार्थी चर्चा करतील.
WEEK 2			
WEEK 3	१२.रोजनिशी	पाठ	*विद्यार्थी प्रकटवाचन करतील. *विद्यार्थी चर्चा करतील.
WEEK 4			
WEEK 5	Winter Break		

**SUBJECT: SOCIAL SCIENCE**

WEEK	TOPICS	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1& 2	8.Human Environment Interactions -The Tropical and Subtropical Region	Life in the Amazon Basin- Climate, Rainforests, People of the Rainforests. Life in the GangaBrahmaputra Basin	Students are able to-Relate the climate and vegetation of the basin along with the location in the Torrid Zone. Understand the need of conservation of resources. Increase their digital skills and communication skills.
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	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 5	Winter Break		

**SUBJECT: ART**

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK1 to 4	origami	origami flower /animal face.	Students will be able to identify the different types of origami pattern.
WEEK 5	Winter Break		

**SUBJECT: DANCE**

WEEK	TOPIC	Project/Activity related to Topic	EXPECTED LEARNING OUTCOMES
WEEK1 to 4	Annual Concert Practice to be started 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	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 Cricket- Bowling	Evaluate measurable goals. Improve their motivation, perseverance, self control, and patience. Ability to perform several offensive and defensive strategies.
WEEK 5	Winter Break		

**SUBJECT: SANSKRIT**

WEEK	MAIN COURSE BOOK दिव्याञ्जलि: (भाग-2)	SUB TOPIC	EXPECTED LEARNING OUTCOME
WEEK -1		संवाद लेखनम्	छात्र संवाद की पूर्ति उचित शब्दों से कर पाएँगे ।
WEEK -2	L-13, ग्रामस्य यात्रा	संख्याबोधः	छात्र संस्कृत में 1 से 30 तक की संख्या को जान पाएँगे ।
WEEK -3	L-14, किं किं कुर्यात् ?	अनुवादम्	छात्र संस्कृत भाषा में अनुवाद कर पाएँगे ।
WEEK-4		चित्रवर्णनम्	छात्र चित्र को देखकर संस्कृत में सरल वाक्य निर्माण कर पाएँगे ।
WEEK-5	Winter Break		

**SUBJECT: PHYSICS**

WEEK	TOPICS	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK 1& 2	Heat	Exercise, Extra question answers, Worksheet ,Class test	Discussion of exercise, worksheet, and extra question answers
WEEK 3	Sample paper	Practicing questions from sample paper	understanding different types of questions
WEEK 4	Sample Paper	Practicing case study questions and Assertion reason type question	understanding the technique to solve case study and Assertion reason
WEEK-5	Winter Break		

**SUBJECT: VALUE EDUCATION**

WEEK	TOPIC	Project/Activity related to Topic	EXPECTED LEARNING OUTCOMES
WEEK 1- 4	Gender Equality	Role changing through dance 'classical dance for boys and contemporary dance'	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.
WEEK-5	Winter Break		

Class Teacher : Manoj Jadhav