

SUBJECT: MATHEMATICS

WEEK	LESSON	TOPICS	LEARNING OUTCOMES
September- WEEK 5	10.Algebraic Expressions	Introduction and Basic terms Addition and Subtraction	Identify the basic terms related to Algebraic Expressions Perform addition and subtraction on algebra Find the value of an expression by substituting values to the variables
WEEK 1	10.Algebraic Expressions 7. Comparing Quantities	Find the value of an expression Introduction to Percentage Converting fractions and decimals to percentages and vice versa	To find the value of an expression by substituting values to the variables Recall the meaning of percentages and comparison using percentages To Convert fractions and decimals to percentages and vice versa
WEEK 2	7. Comparing Quantities	Ratios to percentage Increase or decrease percent Prices related to Buying and selling	Convert the given ratios to percentages Find the increase or decrease percent of quantities under given conditions Solve problems on selling price and cost price
WEEK 3	7. Comparing Quantities	Simple Interest Introduction to rational numbers ,Rational numbers on number line , standard form	Identifies the concept simple interest and solve problems on it Define rational numbers and represent on a number line Write the rational numbers in standard form .
WEEK 4	8. Rational Numbers	Rational numbers between two rational numbers Operations on rational numbers	Compare the rational numbers. Perform different operations on rational numbers and solve problems on rational numbers.
WEEK 5	Revision for Periodic test 2	Revision for Periodic test 2	Recall the learning from the mentioned topics.

SUBJECT: CHEM/BIO

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
SEPTEMBER WEEK 5	Ch 6 Respiration in Organisms	* Introduction * Types of respiration * respiration in Plants and simple animals	List different types of respiration. Give examples for breathing organs. Compare breathing and respiration. Understand different organs of plants to respire.
OCTOBER WEEK 1	Ch 6 Respiration in Organisms	* Human respiratory system. *Breathing in and breathing out. Innovative teaching method -Model Making - Human respiration-lungs	List the organs of human respiratory system. Draw and label human respiratory system.
OCTOBER WEEK 2 & 3	Ch 6 Respiration in Organisms	* Under water respiration * Plants respiration.	Explain the structure of respiratory organs of fish. Draw plants and label the respiratory organs of plants. Draw stomata and label parts. Explain the functioning of stomata. Solve WORKSHEET 5
OCTOBER WEEK 4&5	Ch 7 Transportation in Animals and Plants	* Need of transportation * cells that carry out transportation in plants. *Ascent of Sap And Translocation.	Identify the need of transportation. List the tissues responsible for the transportation in plants. Define ascent of sap and translocation

SUBJECT : ENGLISH

WEEK	TOPICS	SUB TOPICS (Grammar & Writing)	EXPECTED LEARNING OUTCOMES
September- WEEK 5	Gravity	Earth's unique capabilities, poet's wonderous queries	To be able to understand earth's gravitational powers
WEEK 1	Somebody's Mother	Ethical behaviour towards elderly	To be able to decipher ideas related to personal relations
WEEK 2	The face on the wall	conviction and reality overpower each other	To know that strength of will and self belief enables one to have strong conviction.
WEEK 3	As I grew older	Racial discrimination and the division of blacks and whites	Students shall know the plight of Afro-Americans
WEEK 4	Cornerstone	Practice exercise on adjectives and its uses.	Students shall be able to use adjective in sentences.
WEEK 5	Writing Skills - Poster	Format of Poster	Students shall design posters with appropriate slogans.

SUBJECT: COMPUTER SCIENCE

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
September- WEEK 5	E-commerce & Blogging / AI- Domains of AI	i) E-commerce ii) E-commerce Business Models iii) E-Retailing / Domains of AI	Students will learn about E-commerce business models./ Students will understand different approaches of domains to achieve AI.
WEEK 1	E-commerce & Blogging / Coding - Sequencing with block coding	i) Security Concern ii) Top E-commerce websites iii) Blogging / Bug, Types of loops, Nested Loops	Students will understand about the safety concerns to be followed in E- Commerce. / Students will learn about bugs and the different types of loops in coding with real time examples.
WEEK 2	Internet - Ethics & Safeguard / AI- Domains of AI	i) Introduction ii) Internet Terms iii) Potential threats on the web / Real life applications of different domains of AI	Students will understand how to protect themselves on the web from threats. / Students will understand about the real life applications of different domains of AI.
WEEK 3	Internet - Ethics & Safeguard / Coding- Sequencing with block coding	i) Role of parents and teachers ii) Exercise & Activity / Lab Activity & Exercise	Students will learn about the role of parents and teachers in protecting children from digital world.
WEEK 4	Internet - Ethics & Safeguard	Coding Lab Activity & Revision - Class Test	
WEEK 5	REVISION		

SUBJECT: HINDI

WEEK	TOPIC	SUB TOPICS	Expected Learning Outcomes
SEPTEMBER WEEK 5	L-8 रहीम के दोहे	दोहे गायन व व्याख्या Activity- छात्र प्रार्थना सभा में दोहगायन करेंगे।	छात्र रहीम के दोहों से मित्रता, सहयोग, परिश्रम, दान व सहनशीलता आदि गणों को भली प्रकार समझेंगे व अभ्यास कार्य करेंगे।
OCTOBER WEEK 1	L-9 एक तिनका	कविता गायन व व्याख्या	छात्र कविता से सीखेंगे कि घमंड नहीं करना चाहिए और किसी को छोटा नहीं समझना चाहिए। चर्चा करके अभ्यास कार्य लिखेंगे।
WEEK 2	L-10 खान-पान की बदलती तस्वीर	पठन- पाठन व व्याख्या Activity- छात्र टिफिन ब्रेक के लिए अपना पारंपरिक भोजन लाकर मिल बांटकर खाएंगे।	छात्र भारतीय पारंपरिक व्यंजनों व फास्ट फूड के बारे में जानेंगे। या भी जानेंगे की भोजन की विविधता के कारण भी राष्ट्रीय एकता को बल मिलता है और अभ्यास करेंगे।

WEEK 3	L-11 नीलकंठ	कहानी - पठन-पाठन व व्याख्या व अभ्यास	छात्र कहानी के मध्य से पशु-पक्षियों के स्वाभाव व व्यवहार तथा आपसी प्रेम को समझेंगे व अभ्यास कार्य करेंगे।
WEEK 4	शब्द विचार भाग -3- अनेकार्थी शब्द , पर्यायवाची शब्द ,विलोम शब्द।	व्याकरण अभ्यास	शब्द विचार - अनेकार्थी शब्द , पर्यायवाची शब्द ,विलोम शब्द आदि का अभ्यास करवाया जायेगा।
WEEK 5	शब्द विचार भाग -3- अनेक शब्दों के लिए एक शब्द और समरूपी भिन्नार्थक शब्द	व्याकरण अभ्यास	शब्द विचार - अनेक शब्दों के लिए एक शब्द और समरूपी भिन्नार्थक शब्द आदि का अभ्यास करवाया जायेगा।

SUBJECT: GK

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
SEPTEMBER WEEK 5	Ch - V,VI,VII,VIII,IX	* Art and Literature - 40 * Grammar and Language- 52 *Sports and Games-61 * Moral values and life skills- 69 * Mind games -77	Fill and find the names of great musicians. Group the given words based on its origin. Fill in blanks and find the words related to basket ball. Identify the terms as peer pressure or bullying. Find the differences from the given images.
OCTOBER WEEK 1&3	Ch I,II,III,IV	*My Country - 7 *Around the World-17 *Environment And the World Of Science.-28 *The world of plants and Animals- 34	Match the Indian business man and names. State whether the given sentences are true or false. Classify the given list of substances into renewable and non-renewable substances. Identify the given pictures of different animals.
OCTOBER WEEK 4 &5	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.

SUBJECT: MARATHI

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
SEPTEMBER WEEK 5	१०. रंग साहित्याचे	पाठ Activity: Activity Based Learning Art Integration	*विद्यार्थी चर्चा करतील. *विद्यार्थी स्वतःचे अनुभव कथन करतील .
OCTOBER WEEK 1	१५. खरा नागरिक	पाठ	*विद्यार्थी चर्चा करतील. *विद्यार्थी स्वतःचे अनुभव कथन करतील .
OCTOBER WEEK 2 & 3	१६. स्वप्न करू साकार	कविता	*विद्यार्थी कविता गायन करतील. *विद्यार्थी चर्चा करतील.
OCTOBER WEEK 4&5	व्युत्पत्ती कोश	पाठ	*विद्यार्थी चर्चा करतील. *विद्यार्थी स्वतःचे अनुभव कथन करतील .
WEEK 5	REVISION		

SUBJECT: SOCIAL SCIENCE			
WEEK	TOPICS	SUB TOPICS	EXPECTED LEARNING OUTCOMES
SEPTEMBER WEEK 5	4. The Mughal Empire	Who were the Mughals? Mughals military campaigns Mughal tradition of succession Mughal relation with others	Students are able to Develop map skills. Connect the cities with the rulers and their major contributions. Understand the importance of these cities in present
WEEK 2	Lesson-4 "Growing up as Boys and Girls"	Growing up children in Samoa island in the 1920s.growing up male in Madhya Pradesh in the 1960s.Valuing housework, lives of domestic workers, women's work and equality.	1)Appreciates the value of domestic work and the contribution of women in different fields with appropriate examples. 2)Understand the gender equality and make efforts for it .
WEEK 3	6-Town Traders & Craftsperson	Administrative centres, Temple towns & pilgrimage centres, A network of small towns, Traders big & small, crafts in towns, A closer look: Hampi, Masulipatnam, and Surat, A gateway to the west:Surat, Fishing in Troubled waters: Masulipatnam, New towns and traders.	Students will able to Explains various activities and their relation with the extent of towns. Learns about the new art craft and production activities.
WEEK 4	5-Water	Distribution of water bodies, fresh water and saline water, Water Cycle, major oceans, sea, lakes, rivers, ocean circulation, waves, Tsunami, tides, ocean currents. Water conservation.	Able to identify the natural resource of water and need of conservation and aware of various factors contributing to pollution of water.
WEEK 5	REVISION FOR PT-2/PT-3		

SUBJECT: ART

WEEK	TOPIC	SUB TOPICS	EXPECTED LEARNING OUTCOMES
WEEK1 to 5	landscape drawing	nature drawing	Develop critical thinking and problem solving skills as applies to the use of color
	drawing	mandala art drawing	Develop an informed use of basic color schemes and harmonies in the creation of visual work.

SUBJECT: DANCE

WEEK	TOPIC	Project/Activity related to Topic	EXPECTED LEARNING OUTCOMES
Week 5	Dance Practice to be started based on Carol Song.	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.
Week 1-3 (Oct)			

SUBJECT: Physical Education

WEEK	TOPIC	Activities related to Topic	EXPECTED LEARNING OUTCOMES
SEP-WEEK 5 OCT- WEEK 1- 5	Warm-Up Yoga Chess Table Tennis Volleyball	Warm-up- General & Specific warm-up. Yoga Asanas:- Standing Asnas, Sitting Asnas, & Suryanamaskar	Discipline through games. Better hand-eye coordination. Understanding of health-related fitness components Improve personal fitness through exercise.

SUBJECT: SANSKRIT

WEEK	MAIN COURSE BOOK दिव्याञ्जलि: (भाग-2)	SUB TOPIC	EXPECTED LEARNING OUTCOME
SEPTEMBER WEEK -5	L-8, रमणीयं उद्यानम् (सं.प्र.)		वाक्यों में संख्या-प्रयोग, विशेष के अनुसार संख्या प्रयोग ।
OCTOBER WEEK -1	L-9,मम परिवार: (उपसर्गः)		उपसर्गों का ज्ञान, शब्द और धातुओं के साथ उपसर्ग का प्रयोग ।
WEEK -2		नवीन शब्दावली	कक्षा,अध्ययन तथा घर से संबंधित शब्दों का ज्ञान ।
WEEK-3	L-10, आदर्शः छात्राः	(प्रत्ययाः-क्त्वा, ल्यप्,तुमुन्)	आदर्श छात्रों के दिनचर्या का परिचय, प्रत्ययों का ज्ञान ।
WEEK-4		चित्रवर्णनम्	चित्र में दर्शाए गए विषय को अपने शब्दों में लेखन ।
WEEK-5		शब्दरूप	शब्द रूप की सहायता से वाक्य निर्माण ।

SUBJECT: PHYSICS			
WEEK	TOPICS	SUB TOPICS	EXPECTED LEARNING OUTCOMES
SEPTEMBER. WEEK 5	Light	*Light Travels Along A Straight Line * Reflection of Light * Right or Left! *Playing with Spherical Mirrors	understand that light is an energy. * differentiate natural and artificial light sources. * understand rectilinear propagation of light. * understand formation of shadows. * know reflection of light and its types. * know the laws of reflection.
OCTOBER WEEK 1	Light	*Playing with Spherical Mirrors, *Images Formed by Lenses	* understand the properties of the images formed in a plane mirror
OCTOBER WEEK 2	Light	*Sunlight — White Or Coloured?., Exercise, Extra questions	* Understands the prism and dispersion of light
OCTOBER WEEK 3	Heat	Hot and Cold, Measuring Temperature, Laboratory Thermometer, Transfer of Heat,	Learn how temperature is measured. Learn how to read a thermometer. Differentiate between a laboratory and a clinical thermometer. Understand the three different ways in which heat flows from one object to another.
OCTOBER	Heat	Kinds of Clothes We Wear in Summer and Winter.,	Get idea about the kind of clothes we should wear in summer and
SUBJECT: VALUE EDUCATION			
WEEK	TOPIC	Project/Activity related to Topic	EXPECTED LEARNING OUTCOMES
Week 5 (Sept)	Stress Management	Practice deep-breathing exercises, imagine a relaxing scene, or repeat a calming word or phrase, such as "Take it easy."	It prevent and manage long-term stress can lower the risk for other conditions — like heart disease, obesity, high blood pressure, and depression.
Week 1-3 (Oct)			

Class Teacher : Manoj Jadhav