

Mahatma Gandhi Mission Primary & Secondary School

Phase – II, Sector – 8, Nerul, Navi Mumbai

YEAR PLAN 2024-2025

STD: -X

SUB:-Biology

Mrs. Shalini Tiwari

MONTH	NO. OF DAYS	LESSON	TOPIC	Activity
MARCH	17	1.life processess	<ul style="list-style-type: none"> * Understand the importance of nutrition and its types * Compare between autotrophic and hetrotrophic mode o f nutrition * Understand the mechanism of nutrition in plants and human * Understand the mechanism and physiology of respiration in plants and animals * Understand double circulation in human * Compare between Arteries and veins * Explain the mechanism oftransportation in plants * Understand the mechanism of mechanism of excretion of waste in animal and plants 	1. To study and prepare temporary mount of a leaf to show stomata
APRIL	23	1.life processess		2. Experimentally show that carbondioxide us given out during respiration
JUNE	23	Control and coordination	nervpus system and component of nervous system, reflex action, structure of brain	Make enocrine gland chart
		Control and coordination	movement of plants,hormones of plant, endocrine function of endocrine system	
JULY PT-1 (5/7/25 TO 11/7/25) Exam portion-life process				

JULY	21	How do Organisms Reproduce	<p>Understand the Difference between asexual and sexual mode of reproduction</p> <ul style="list-style-type: none"> * Understand the importance of variation * Understand the types of asexual reproduction--- Fission, Fragmentation, Regeneration, Budding, Vegetative propagation, Spore formation * Understand the mechanism of tissue culture * Understand and compare between the male and female reproductive organ of plant and human 	<p>1) To study binary fission in amoeba and budding in yeast (spotting)</p> <p>2) Identify of the different parts of an embryo of a dicot seed. (practical)</p>
		AUGUST CT-2		
AUG	19	Heredity	<ul style="list-style-type: none"> * Understand the accumulation of variation during reproduction * Define Dominant, Recessive, Homozygous and heterozygous * Understand and explain the dihybrid and monohybrid cross * Understand the concept of expression of traits by the gene * 	Assesment worksheet
SEPTEMBER	16	Half Yearly exam (13th TO 22th SEPT) Exam portion- Control and coordination, Life process, How do organism(plant)		
		Heredity	Understand and explain the concept of sex determination	
OCTOBER	13	Our environment	ecosystem and its component, food chain in forest grassland and pond ecosystem, food web, energy flow in an ecosystem, role of decomposers in an ecosystem	Assesment worksheet
		our environment	ozone depletion	
		Diwali Vacation 17/10/25 TO 01/11/25		
NOVEMBER	13	PT-2 (8/11/2025 to 13/11/2025) Exam portion- chpt How do organism reproduce?		
DECEMBER	16	REVISION		
		PT-3 (5/12/25 to 17/12/25) Exam portion- Heredity and Our environment		
JANUARY	15	Revision and Sample paper Solving		
		Preboard Exam I (5/01/26 to 12/01/26) Full portion		
		Revision and Sample paper Solving		
		Preboard Exam II (21/01/26 to 31/01/26) Full portion		
FEBRUARY		BOARD EXAM		

Mahatma Gandhi Mission Primary & Secondary School

Phase – II, Sector – 8, Nerul, Navi Mumbai

YEAR PLAN 2025-2026

STD: -X		SUB:-CHEMISTRY		Mrs. Manasvi Shigwan	
MONTH	NO. OF DAYS	LESSON	TOPIC	Activity	
MARCH	17	1.Chemical reactions and equations	Revision of symbols, formulae Balancing of equations Types of Chemical reaction Combination and decomposition	Written test on formulae, Chart on valency table Chart of 1 to 20 elements	
APRIL	23	1.Chemical reactions and equations	Types of Reaction: displacement, double displacement, Redox reactions, Oxidation and Reduction. Rancidity and corrosion.	Demonstration on Burning of Mg wire. Making of compost bin .	
				Decomposition of CaCO ₃ , Displacement reaction FeSO ₄ + Cu, Double displacement of BaCl ₂ and Na ₂ SO ₄	
JUNE	23	2.Acids and Bases	Differentiation of Acids and Bases	making of natural indicators, using turmeric, clove oil, onion as an indicator. identification of acid, bases using litmus paper.	
			Reaction of Acid with metals	Neutralisation, Identify strong acids and bases using Ph paper.	
		JUNE CT-1			
		Contd. 2.Acids and Bases	Redox reactions, Corrosion, Rancidity, PH of salts, Some important compounds	Cake making activity using sodium bicarbonate. Making idols from plaster of paris.	
JULY	21	JULY PT-1 (5/7/25 TO 11/7/25) Exam portion-1,2 half (till reaction of acids)			
		3.Metals and Non metals	Differentiate between metals and non metals, exceptional cases,	study the properties of metal. Demo on anodising technique.	
			Anodising,		

AUG	19		Reactions of metals with oxygen ,water, acids and salt solution	
			Reactivity series,Metallurgy	
			Extraction of metals	
			Refining of metal and prevention from corrosion	
AUGUST CT-2				
SEPTEMBER	16	REVISION		
		Half Yearly exam (13th TO 22th SEPT) Exam portion-1,2		
OCTOBER	13	4. Carbon and its Compounds	Importance of carbon,Hydrocarbons	
			types of bonds with examples	preparation of soap
			classification of hydrocarbons	
			Reactions of Hydrocarbons	To find the best oils used for making food.
DIWALI VACATION (17/10/25-01/11/25)				
NOVEMBER	18			
PT-2 (8/11/2025 to 13/11/2025) Exam portion- chpt 3				
DECEMBER	16	REVISION		
		PT-3 (5/12/25 to 17/12/25) Exam portion-3,4		
		Revision and Sample paper Solving		
JANUARY	15	Preboard Exam I (5/01/26 to 12/01/26) Full portion		
		Revision and Sample paper Solving		
		Preboard Exam II(21/01/26 to 31/01/26) Full portion		
FEBRUARY		BOARD EXAM		

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Phase – II, Sector – 8, Nerul, Navi Mumbai

YEAR PLAN 2025-2026

STD: -X		SUB:-ENGLISH		Mrs. POOJA SINGH
MONTH	NO. OF DAYS	LESSON	TOPIC	Activity
MARCH	17	PROSE/ POEM/ GRAMMAR	1. A letter to God 2. Nelson Mandela	1. Write letter to god (gratitude for things/thankful)
			1. Dust of snow (poem)	2. Write 5 famous quotes of Nelson Mandela
			1. A triumph of Surgery (reader) 1. Time and Tenses (Grammar)	3. Maintain health journal (including outdoor activity)
APRIL	23	PROSE/ POEM/ GRAMMAR	1. Figures of speech (Grammar) 2. Modals (Grammar)	
JUNE	23	PROSE/ POEM/ GRAMMAR	2. Two Stories about flying The thief's story (reader) 2. A tiger in the zoo (poem)	1. Quote your 3 or more fear and give atleast 1 solution. 2. "Good deeds faith & trust " the power to transform evil minds & deeds.
			3. Story writing (Creative writing) 4. Subject Verb agreement(Grammar)	
JUNE CT-1				
JULY	21	PROSE/ POEM/ GRAMMAR	1. From the Diary of Anne Frank 2. The Ball poem(poem) 3. The midnight visitor (reader) 4. A question of trust (reader) 5. Diary Writing (creative writing) 6. Determiner (Grammar)	1. Write Diary on visit to old age home. 2. Game (with passing ball mention one line of trust or deception.
JULY PERIODIC TEST-1 (5/7/25 TO 11/7/25) Exam portion 1,2,3,4				
AUGUST	19	PROSE/ POEM/ GRAMMAR	3. How to tell wild animals (poem) 5. The Making of a Scientist (reader) 6. Footprints without feet (reader) 7. Conjunctions (Grammar)	
AUGUST CT-2				
SEPTEMBER	16	PROSE/ POEM/ GRAMMAR	5. Glimpses Of India 4. Amanda / 5. The trees/ 6. fog (poem) 3. The Necklace (reader) 8. Conditionals (Grammar)	1. PPT - 2 States any 10 topics. 2. To explore the theme of materialism, vanity and consequences of choices: incident or paragraph

HALF YEARLY EXAM (13th TO 22th Sept.) Exam portion - Chapter no- 1,2,3,4,5,6,			
OCTOBER	13	PROSE/ POEM/ GRAMMAR	6. Mijbi the Otter 7. Madam rides the bus 8.The Sermon of Benares 9. The Proposal
			1. Dramatization on chapter madam rides the bus. 2. Game - on a slip of paper write shy or confident
			7. The Tale of custard the dragon (poem) 8. For Anne Gregory (poem) 8. Bholi (reader) 9. The Book that saved the Earth (reader)
			9. Direct - Indirect Speech / Verbs(Grammar)
NOVEMBER	18	DIWALI VACATION (17/10/25 - 01/11/25)	
		PT-2 (8/11/25 - 13/11/25) Exam portion - Chapter no- 6,7,8,9	
DECEMBER	16	REVISION	
		PT-3 (5/12/25 - 17/12/25) Exam portion - Chapter no- 4,5, 6,7	
		Revision and sample paper solving	
JANUARY	15	Preboard Exam_I (5/01/26 - 12/01/26) Full portion	
		Revision and sample paper solving	
		Preboard Exam II (21/01/26 - 31/01/26) Full portion	
FEBRUARY		BOARD EXAM	

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Phase – II, Sector – 8, Nerul, Navi Mumbai

YEAR PLAN 2025-2026

STD: - X

SUB:- HINDI

Teacher: - Mr. Avinash

MONTH	Days	Unit	TOPIC	Activity
मार्च	16	1	हरिहर काका (संचयन)	वाचन कौशल्य
		1	शब्द, पद, और पदबंध (व्याकरण)	
अप्रैल	23	10	बड़े भाई साहब	अनुच्छेद लेखन
		1	साखी	
		2	रचना के आधार पर (वाक्य रूपांतरण (व्याकरण))	
जून	23	11	डायरी का एक पन्ना (स्पर्श)	श्रवण कौशल्य
		12	तताँरा - वामीरो कथा (स्पर्श)	
		2	पद (स्पर्श)	
		4	मुहावरे	
JUNE CT-1				
जुलै	21	13	तीसरी कसम के शिल्पकार शैलेंद्र (स्पर्श)	पत्रलेखन
		3	मनुष्यता (स्पर्श)	
		3	समास (व्याकरण)	
		5	पर्वत प्रदेश में पावस	
JULY PT-1 (5/7/25 TO 11/7/25)				
अगस्त	19	15	अब कहाँ दुसरे के दुख में दुखी होनेवाले (स्पर्श) सूचना लेखन	सूचना लेखन
		16	पतझर टूटी पत्तियाँ (स्पर्श)	
AUGUST CT-2				

सितंबर	16	7	तोप (स्पर्श)	अंताक्षरी कौशल्य
		8	कर चले हम फिदा (स्पर्श)	(मुहावरे)
		Half Yearly exam (13th TO 22th SEPT)		
अक्टूबर	13	2	सपनों के से दिन (संचयन)	विज्ञापन लेखन
		9	आत्मत्राण (स्पर्श)	
		DIWALI VACATION (17/10/25-01/11/25)		
नवंबर	18	3	टोपी शुक्ला (संचयन)	लोककथा तथा ई मेल
		17	कारतूस (स्पर्श)	
	PT-2 (8/11/2025 to 13/11/2025)			
दिसंबर	16	-	पुनरावृत्ती (Revision)	भूमिका निर्वाहन कौशल्य
		PT-3 (5/12/25 to 17/12/25)		

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YEAR PLAN 2025-2026

STD: -X		SUB:-IT		Mrs. Sangeeta Gunjal		
MONTH	NO. OF DAYS	LESSON	TOPIC	Activity		
MARCH	17	Unit 1: Communication Skills-II	<ul style="list-style-type: none"> • Methods of Communication • Communication Cycle and Importance of Feedback • Barriers to Effective Communication • Writing Skills 	<ul style="list-style-type: none"> • identify the different communication elements. • explain the communication process along with all the communication elements. • list the various methods of communication 		
		Unit 2: Self-Management Skills-II	<ul style="list-style-type: none"> • Stress Management • Self-awareness— Strength and • Self-motivation & Weakness Analysis 	<ul style="list-style-type: none"> • define stress management. • identify the steps for managing stress. • create a list of personal stressful situation and ways to handle them. 		
APRIL	23	BOARD PAPERS EVALUATION DUTY	<ul style="list-style-type: none"> • List style categories. Select the style from the Styles and Formatting window. Create and Apply Styles in the document 	<ul style="list-style-type: none"> • List style categories. Select the style from the Styles and Formatting window. 		
		Unit 1: Digital Documentation (Advanced)	<ul style="list-style-type: none"> • Create and Apply Styles in the document • Using the Styles and Formatting window • Using Fill Format. • Creating and updating new style from selection • Load style from template or another document. 	Use Fill Format to apply a style to many different areas quickly. <ul style="list-style-type: none"> • Create and update a new style from a selection. • Load a style from a template or another document. • Create a new style using drag-and drop. 		
JUNE	23	Unit 3: ICT Skills-II	<ul style="list-style-type: none"> • Basic Computer Operations • Computer Care and Maintenance 	<ul style="list-style-type: none"> • define time management. • list the steps for managing time effectively. • create a to-do list of various activities that you need to do in a day (in order of priority). 		
		Unit 4: Entrepreneurial Skills-II	<ul style="list-style-type: none"> • Entrepreneurship and Society • Entrepreneur 	<ul style="list-style-type: none"> • My Entrepreneurial Qualities: Self-assessment 		
		JUNE CT-1				
		UNIT 2: ELECTRONIC SPREADSHEET (ADVANCED)	<ul style="list-style-type: none"> • Using consolidating data. Creating subtotals. • Using “what if” scenarios. Using “what if” tools • Using goal seek and solver. 	<ul style="list-style-type: none"> • Use consolidating data Create subtotals • Use “what if” scenarios Use “what if” tools • Use goal seek and solver 		
JULY	21	JULY PT-1 (5/7/25 TO 11/7/25)				
		UNIT 2: ELECTRONIC SPREADSHEET (ADVANCED)	<ul style="list-style-type: none"> • Using the macro recorder. Creating a simple macro. Using a macro as a function. Using a macro as a function. • Discuss Passing arguments to a macro. • Discuss Passing the arguments' arguments' 	<ul style="list-style-type: none"> • Demonstrate the use of a macro recorder. • Create a simple macro. <ul style="list-style-type: none"> • Use a macro • Access cells directly 		

AUG	19	UNIT 3: DATABASE MANAGEMENT SYSTEM	<ul style="list-style-type: none"> • Database query, • Defining query, • Query creation using wizard, • Creation of query using design view 	<ul style="list-style-type: none"> • Prepare a query for given criteria, • Demonstrate to create query using wizard, and using design view.
SEPTEMBER	16	AUGUST CT-2		
		REVISION		
		Half Yearly exam (13th TO 22th SEPT)		
OCTOBER	13	Unit 4: Maintain Healthy, Safe and Secure Working Environment	<ul style="list-style-type: none"> • Introduction to Health, Safety, and Security At Workplace • Policies and Procedures for Healthy, Safety and Security • Reasons for Health, Safety, and Security Programs or Policies in the Workplace • Workplace Safety Hazards <ul style="list-style-type: none"> • Physical Hazards • Falling Off Heights, Slipping and Tripping • Electrical Hazards <ul style="list-style-type: none"> • Fire Hazards • Health Hazards 	<ul style="list-style-type: none"> • Practice Basic Safety Rules: • Illustrate Handling Accidents at Workplace: • Demonstrate Evacuation Plan: • Identify Hazards and Sources of Hazards:
		Unit 5: Green Skills-II	<ul style="list-style-type: none"> • Sustainable Development in Sustainable • Our Role 	
DIWALI VACATION (17/10/25-01/11/25)				
NOVEMBER	18	REVISION		
		PT-2 (8/11/2025 to 13/11/2025)		
DECEMBER	16	REVISION		
		PT-3 (5/12/25 to 17/12/25)		
		Revision and Sample paper Solving		
JANUARY	15	Preboard Exam I (5/01/26 to 12/01/26) Full portion		
		Revision and Sample paper Solving		
		Preboard Exam II(21/01/26 to 31/01/26) Full portion		
FEBRUARY		BOARD EXAM		

Mahatma Gandhi Mission Primary & Secondary School

Phase – II, Sector – 8, Nerul, Navi Mumbai

YEAR PLAN 2025-26

STD: -X		SUB:-Marathi		Mrs. Najmabi Sayed		
MONTH	NO. OF DAYS	LESSON	TOPIC	Activity		
MARCH	17	1. तू बुद्धी दे. २) संतवाणी अ) अंकिला मी दास तुझा. व्याकरण शब्दांच्या जाती - ८	विद्यार्थ्यांकडून तू बुद्धी दे ही प्रार्थना तालात- सुरात गाऊन घेणे. संतवाणीचे प्रकट गायन घेणे. महाराष्ट्रातील संतांची ओळख करून देणे तसेच संत नामदेव व त्यांच्या अभंगांची ओळख करून देणे. शब्दांच्या जातीची व्याख्या समजावून सांगणे. उदाहरणे लिहून देणे .	तू बुद्धी दे चे सामूहिक गायन घेणे. अंकिला मी दास तुझा या कवितेचे गायन कौशल्य घेणे. महाराष्ट्रातील कोणत्याही पाच कोणत्याही पाच संतांची माहिती लिहा.		
				अंकिला मी दास तुझा संतवाणी पाठांतर .		
APRIL	23	३. शाल. ४. उपास. व्याकरण- लिंगविचार, वचनविचार व निबंधलेखन	शालचा प्रत्यक्ष अर्थ समजावून सांगणे. या वस्त्राचा कुठे व कसा वापर केला जातो हे सांगणे	कौशल्य :-वाचन		
			लिंगविचार व वचनविचार यांची व्याख्या समजावून सांगणे व उदाहरणे देणे. निबंधाचे वेगवेगळे प्रकार समजून घेणे.	वचन ओळखा व लिंग ओळखाची उदाहरणे लिहा. दिलेल्या विषयावर निबंध लिहा.		
JUNE	23	स्थूलवाचन:- मोठे होत असलेल्या मुलांनी.. कविता -दोन दिवस	डॉ. काकोडकर व हा डॉ. होमी भाभा यांचा परिचय करून देणे. भारतीय शास्त्रज्ञांची ओळख करून देणे. जेवणातील भयानक दुःखाची ओळख करून देणे.	गायन कौशल्य घेणे. तसेच वाचन कौशल्य वृद्धिंगत करणे.		
		JUNE CT-1 (10th TO 16 june)				
		PT-1 अभ्यासक्रम.	२.संतवाणी -अंकिला मी दास तुझा ३. शाल ४. उपास. व्याकरण शब्दांच्या जाती -८. लिंग विचार, वचन विचार ,निबंध लेखन, समानार्थी शब्द , विरुद्धार्थी शब्द गद्य आकलन.			
JULY	21	JULY PT-1 (5th TO 11th JULY) lesson no.2,3,4				
		६. चुडीवाला ७.फूटप्रिन्टस. व्याकरण:- त्याचे प्रकार	जनसेवा हीच ईश्वर सेवा होय. समाजसेवकांची नावे व त्यांचा आईची माहिती वर्णन करणे.	वाचन कौशल्य घेणे. निबंधलेखन- १.प्रदूषण एक समस्या.२.		
AUGUST	19	८. ऊर्जा शक्तीचा जागर ९.औक्षण. व्याकरण:- समास व त्याचे प्रकार. कथालेखन.	आईच्या कष्टाची तिच्या तयाची जाणीव करून देणे. मनात दांडगा आत्मविश्वास असल्यावर माणूस कोणतीही कृती, अशक्य ते शक्य करू शकतो.	निबंधलेखन :-आईची थोरवी/ स्वामी तिन्ही जगाचा आईविना भिकारी. देश सेवा हीच ईश्वर सेवा एका निवृत्त सैनिकाचे आत्मवृत्त. लेखन कौशल्य कथालेखन		
			विद्यार्थी जीवनात शिक्षकांचे महत्त्व, मार्गदर्शन अतिशय मोलाचे आहे.			
			कथालेखनविषयक नियम समजावून सांगणे.मुद्द्यांच्या आधारे गोष्ट लिहायला सांगणे.			
			AUGUST CT-2 (17th TO 24TH AUG)			

SEPTEMBER	16	५. कविता दोन दिवस, ६. चुडीवाला, ७. फूटप्रिन्टस	५. कविता दोन दिवस, ६. चुडीवाला, ७. फूटप्रिन्टस	संपूर्ण व्याकरण व कथालेखन.
		HALF YEARLY EXAM (13/9 TO 22/9) lesson no. 2,3,4,5,6, स्थूलवाचन -मोठे होत असलेल्या मुलांनो!		
OCTOBER	13	८. ऊर्जाशक्तीचा जागर ९. औक्षण १०. रंग साहित्याचे	साहित्याच्या वेगवेगळ्या प्रकारांची ओळख करून देणे. खरा नागरिकत्वाची कर्तव्य समजावून सांगणे.	कौशल्य भूमिकाभिनय घेणे. नाटक सादरीकरण घेणे.
			प्रकल्पाचा विषय:- विविध साहित्यकारांची माहिती लिहा.	वाचन कौशल्य घेणे. प्रकल्प तयार करा.
DIWALI VACATION 17/10/2025 to 1/11/2025				
NOVEMBER		१५. खरा नागरिक १६. स्वप्न करू साकार स्थूलवाचन:-व्युत्पत्ती कोश PT-2- Lesson no.8,9,10		
DECEMBER	16	व्याकरण पुनरावृत्ती.	शब्दांच्या जाती आठ, वाक्यांचे प्रकार, समास इत्यादी	लेखन कौशल्य :-माझे स्वप्न
		PT-3 (5/12/25 to 17/12/25) lesson no. 15,16 स्थूल वाचन व्युत्पत्तीकोश		
		अभ्यासाची पुनरावृत्ती व प्रश्नपत्रिका सोडवून घेणे.		
JANUARY	15	प्रथम सराव परीक्षा 5/01/26 TO 12/01/26 संपूर्ण अभ्यासक्रम		
		बेसिक मराठी परीक्षा - जानेवारीत. अभ्यासाची पुनरावृत्ती व प्रश्नपत्रिका सोडवून घेणे.		
		दुसरी सराव परीक्षा(21/01/26 to 31/01/26 . संपूर्ण अभ्यासक्रम.		
FEBRUARY		अभ्यासाची पुनरावृत्ती व जादा प्रश्नपत्रिका सोडवून घेणे. बोर्डाची वार्षिक परीक्षा.		
MARCH		बोर्डाची वार्षिक परीक्षा		

Mahatma Gandhi Mission Primary & Secondary School

Phase – II, Sector – 8, Nerul, Navi Mumbai

YEAR PLAN 2025-2026

STD: -X

SUB:-MATHEMATICS

Mrs. Supriya Dunde/Mr.Birendra Singh

MONTH	NO. OF DAYS	LESSON	TOPIC	Activity
MARCH	17	1.Real Numbers	Introduction, Fundamental theorem of arithmetic, Rational Numbers and their Decimal Expansions	Puzzles based on LCM & HCF
		2.Polynomials	Introduction, Relationship between Zeros and Coefficient of a Polynomial	Finding zeroes by Graphical method
APRIL	23	3.Pair of linear equations in two variables	Introduction,pair of linear equations in two variables, Graphical Method of Solution of a pair of linear Equations, Algebraic Method of Solving a pair of linear Equations,	Solving linear equations graphically
		6.Triangles	Introduction, Similar Figures, Similarity of Triangles, Criteria for Similarity of Triangles	Verifying criteria of similarities of triangles by paper cutting and pasting method
JUNE	23	JUNE CT-1		
		8.Introduction to Trigonometry	Introduction, Trigonometric Ratios, Trigonometric Ratios of Some Specific Angles Trigonometric Identities	Height of tree by shadow method
JULY	21	JULY PT-1 (5/7/25 TO 11/7/25) Exam portion-1,2 ,3,6,8		
		4.Quadratic Equations	Quadratic Equations, Solution of a Quadratic Equations by Factorisation, Solution of a Quadratic Equations by	Solving Quadratic Equations graphically
		5.Arithmetic Progressions	Introduction, Arithmetic Progression,nth Term of an AP,Sum of First n Terms of an AP	Lab Activity: Sum of AP by paper cutting and pasting method
AUGUST	19	7.Coordinate Geometry	Introduction, Distance Formula, Section Formula	Verifying distance formula graphically
		13.Statistics	Introduction,Mean of Grouped Data,Mode of Grouped Data,Median Class, Graphical Representation of Cumulative Frequency Distribution	Finding mean, median and mode of marks obtained in PT2 Exam of any one subject after grouping the data in tabular form
		AUGUST CT-2		

SEPTEMBER	16	14.Probability	Introduction, Probability - A Classical Approach	Throw 2 dice 100 times and compare the experimental & Classical probabilities of the sum of numbers on the 2 di e
		Half Yearly exam (13th TO 22th SEPT) Exam portion- Chapter No 1,2,3,4,5,6,7,8		
OCTOBER	13	9.Some Applications of Trigonometry	Introduction, Heights and Distances	Use the tangent function to calculate the height of the object
		10.circles	Introduction, Tangent to a Circle, theorems	Constructing tangents to a circle from an external point and verifying that they are equal
		DIWALI VACATION (17/10/25-01/11/25)		
NOVEMBER	18	11.Areas Related to Circles	Introduction, Perimeter and Area of a Circle,Areas of Sector and Segment of a Circle,Areas of Combinations of Plane Figures	Finding ratio of circumference and diameters of circles with different radii using thread to measure the circumference of the circle
		12.Surface Areas and volumes	Introduction, Surface Area of a Combination of Solids, Volume of Combination of Solids Conversion of Solid from One Shape to Another	Lab Activity,- Finding Relation between volume of a cone and volume of a cylinder of same radius & height
		PT-2 (8/11/2025 to 13/11/2025) Exam portion-Chapter No 8,9,10,14,15		
DECEMBER	16	REVISION		
		PT-3 (5/12/25 to 17/12/25) Exam portion- Chapter No 7,8,9,12,13		
		Revision and Sample paper Solving		
JANUARY	15	Preboard Exam I (5/01/26 to 12/01/26) Full portion		
		Revision and Sample paper Solving		
		Preboard Exam II(21/01/26 to 31/01/26) Full portion		
FEBRUARY		BOARD EXAM		
MARCH				

Mahatma Gandhi Mission Primary & Secondary School

Phase – II, Sector – 8, Nerul, Navi Mumbai

YEAR PLAN 2025-2026**STD: -X****SUB:-Physics****Teacher: - Mrs. Mayuri Tonge**

MONTH	NO. OF DAYS	LESSON	TOPIC	Activity
March	17	9. Light	Reflection of light by curved surfaces; , principal axis, principal focus, focal length, lenses. Images formed by spherical mirrors	Determination of the focal length of: Unit-III i) Concave mirror ii) Convex lens by obtaining the image of a distant object.
APRIL	17	9. Light	Ray diagrams of image formation Mirror formula (Derivation not required),magnification. Numericles	
Cycle test				
JUNE	23	9. Light	Refraction of light through a prism, dispersion of light, scattering of light. Applications in daily life Numericles on lens formula Value and General awareness- Students understand the nature of light and its application in everyday life.	Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result. Tracing the path of the rays of light through a glass prism.
Periodic Test 1 5 to 11 July 2025 Chapter 9				
JULY	23	10. Human eye	Refraction; Laws of refraction, refractive index. Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula(Derivation not required); Magnification. Power of a lens.	Presentation on functioning of various parts of Human Eye

AUGUST	21	11. Current electricity	Electric current, PD, Resistivity, Factors on which the resistance of a conductor depends.	difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.	
			Ohm's law; Resistance Combination of resistors and its applications in daily life Heating effect of electric current and its applications in daily life. Electric power, Interrelation between P, V, I and R.	Determination of the equivalent resistance of two resistors when connected in series and parallel.	
SEPTEMBER	19	Half yearly exam 13 to 22 Sept 2025 Chapter 9 and 10			
OCTOBER	16	12 Magnetic effects of current	Magnetic field, field lines, Field due to current carrying coil or solenoid; Force on current carrying conductor, Domestic electric circuits. Fleming's Left Hand Rule, Direct current. Alternating current frequency of AC. Advantage of AC over DC field due to a current carrying	To identify various types of magnets. And to establish the directions.	
			Periodic test 2 8 to 11 November 2025 Chapter 11		
			Diwali Vacation 17/10/25 TO 01/11/25		
NOVEMBER	13	Revision and Sample paper Solving			
		CT3 25/11/25 TO 30/11/25			
		Periodic test 3 5 to 17 December 2025 Chapter 12			
DECEMBER	23	Revision and Sample paper Solving			
JANUARY	12	Preboard Exam I 05/01/25 TO 12/01/25			
		Revision and Sample paper Solving			
		Preboard Exam II 21/01/26 TO 31/01/26			
FEBRUARY	15	Board Exam			

Mahatma Gandhi Mission Primary & Secondary School

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YEAR PLAN 2024-2025

STD : X		SUB : RETAIL		MS. VANITA DANDONA	
MONTH	NO. OF DAYS	LESSON	TOPIC	Activity	
MARCH	17	1. DELIVERY OF GOODS	SESSION 1 BILLING PROCEDURES ---1. STATE VARIOUS TYPES OF BILLING. 2.UNDERSTANDING TERMINOLOGIES LIKE SERVICE TAX. 3. VARIOUS MODES OF PAYMENT 4. PRECAUTIONS REQUIRED. 5. EQUIPMENTS		
APRIL	23	1. DELIVERY OF GOODS	SESSION 2 -- ELEMENTS OF TRANSPORT 1. MODES 2. FACTORS AFFECTING. 3. LOADING , UNLOADING 4. PROBLEMS 5. SOLUTIONS SESSION 3 DELIVERY PROCEDURES -- 6. METHODS OF PACKING , PROCEDURE OF DELIVERY SESSION 4 ; LAW IN RECORDS , STE VARIOUS LAWS		
JUNE	23	2 RETAIL STORE OPERATIONS	SESSION 1; STORE LAYOUT 1. COMPONENTS, DESIGNS, STEPS , IDENTIFICATION,PLANNING, ELEMENTS, SIGNAGE, TIPS. SESSION 2 ; STORE PROCEDURE 1. INTERIORS, ADVERTISING,SESSION 3 ; OPENING , CLOSING SESSION 4 ; MAINTENANCE ; OPERATIONS , RECEIPTS	PPT ACTIVITY TOPIC : TYPES OF STORE LAYOUT FOR INTERNALS	
JUNE CT-1 (10th TO 16 june)					
JULY	21	JULY PERIODIC TEST-1 (6th TO 12th JULY) LESSON 1 & 2			
AUGUST	19	3. MERCHANDISE PLANNING	SESSION 1 ; KINDS, CONCEPTS, TYPES, TIPS, SESSION 2; ROLE & FUNCTIONS OF JR, MERCHANDISER, AT VARIOUS LEVELS, MERCHANDISER, DIVISIONAL MERCHANDISER SESSION 3: VISUAL MERCHANDISER, SESSION 4 DUTIES & RESPONSIBILITIES OF JR MERCHANDISER		

SEPTEMBER	16	AUGUST CT-2 (17th TO 24TH AUG)		
		4 SECURITY OPERATIONS & HOUSE KEEPING	SESS 1; SECURITY POINTS, SESSION 2 : FUNCTIONS OF PERSONNEL, SESSION 3 : MATERIAL HANDLING, SESSION 4 : PROCEDURES	
		SEPTEMBER PERIODIC TEST-2/HALF YEARLY EXAM (23/9 TO 28/9)		
OCTOBER	13	EMP SKILLS ; CH 1 COMMUNICATION SKILLS CH 2 : SELF MANAGEMENT CH 3 INFO TECH CH 4 ENTERPRENERIAL CH 5 GREEN SKILLS	SUB TOPICS CH 1 METHODS,CYCLE, BARRIERS SUB TOPICS CH 2 : STRESS, SELF AWARENESS, SELF MOTIVATION, SELF REGULATIONS SUB TOPICS CH 3 BASICS SUB TOPICS CH4 QUALITIES MYTHS AS A CAREER OPTION SUB TOPICS CH 5 ; SUSTAINABLE DEVELOPMENTS	
NOVEMBER	23	DIWALI VACATION (29 OCT-13 OCT)		
		NOVEMBER CT-3 (25/11 TO 30/11)		
DECEMBER	12		REVISION	
		Preboard Exam_I (7 DEC-13 DEC)		
		Revesion and Sample paper Solving		
JANUARY	15	Preboard Exam_II 3/01 TO 9/01		
		Board Practical Exam		
		Preboard Exam III(17 JAN-23 JAN)		
FEBRUARY		Revision and Sample paper Solving		
MARCH		Annual Exam		

Mahatma Gandhi Mission Primary & Secondary School

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YEAR PLAN 2024-2025

STD: -X

SUB:-Social Science

Mrs. SUKHWANT KAUR

MONTH	NO. OF DAY	LESSON	TOPIC	Activity
MARCH	17	Geo-L 1-Resources and Development, History L-1 The Rise of Nationalism in Europe	Types and planning, Land and Soil as Resource, Rise of Nationalism in Europe, The Age of Revolution and the unification of Germany and Britain,	Map work -Types of Soil
APRIL	23	History L-1: The rise of Nationalism in Europe,	Nation State-Unification of Italy, Germany and Britain, Visualising the Nation; Nationalism and Imperialism	Find out more about Nationalist symbols in countries outside Europe. For 1 or 2 countries, collect examples of pictures, posters or music that are symbols of nationalism.
		Pol.Sci-L-1: Power Sharing Eco-L-1 Development	Belgium and Sri Lanka & Majoritarianism in Sri Lanka . Accommodation in Belgium and forms of Power Sharing	
		Eco-L-1 Development	National Development , Public Facilities, Sustainability of Development	
JUNE	23	History L-2 Nationalism in India	The First world war ,Khilafat and Non-Cooperation ,Civil Disobedience Movement, People's Participation in the Movement and the sense of collective Belonging	Album Making and Map work
		Pol.Sci- L-2 Federalism	Federalism & India a Federal Country, Federalism in Practice and Decentralisation in India	Make a list of news items related to government policies or decisions by classifying into the following categories. 1) News items that relate only to the central government. 2) News items that relate only to your or any state government. 3) News items about the relationship between the central and the state government.

		Geo-L 2 Forest and Wildlife	Importance of forest and wildlife. forest and wildlife conservation and management relate to the economy and environment, currently and in the future.	Map Work
JUNE CT-1 (10th TO 16 june)				
JULY PERIODIC TEST-1 (6th TO 12th JULY) Portion;-H-L 1,2, G-1,E-2,P.S-2				
JULY	21	Geo L3 -Water Resources	Importance of water resource as well as develop awareness towards its judicious use and conservation.	Map Work
		Eco L2 - Sector of the Indian Economy	Sectors of Economic Activities, How to create more Employment, Division of Sectors as Organised and unorganised	
		Pol.Sci L3- Gender, Religion And Caste	Gender and Politics, Religion ,Communalism and Politics, Caste and Politics	
		Geo L4 - Agriculture	Types of Farming, Cropping pattern and Major Crops, Technological and Institutional Reforms	
AUGUST	19	Hist L3 The Making of a Global World	The Pre-modern World and the 19th Century ,The Inter-War and post War	
		Geo L5- Minerals and Energy Resources	Types of Minerals and their mode of Occurrence, Ferrous and non-Ferrous Minerals and their conservation, Conventional Sources of Energy, Non-Conventional Sources of Energy	Map Work
		Pol.Sci L4-Political Parties	Types of party Systems, National and Regional Parties, Challenges faced by political parties and its Reforms	In the political map of India, statewise write the name of regional parties and draw their symbols.
		Eco L3 - Money and Credit	Money and Credit, Credit terms and Types	Activity on how to fill a deposit slip, withdrawal slip and a cheque of a bank.
AUGUST CT-2 (17th TO 24TH AUG)				

SEPTEMBER	16	Hist L4 Print Culture and the Modern World	Print Culture and the Modern World,The Growth of Press in 19th Century India	
		Geo L6 Manufacturing Industries	Manufacturing Industries-Location and classification,Agro-based industries,Mineral based industries,Industrial Pollution and Environmental Degradation	Map Work
		SEPTEMBER PERIODIC TEST-2/HALF YEARLY EXAM (23/9 TO 28/9)Portion;-H-L3, G-2,E-1,P.S-1		
OCTOBER	13	Pol.Sci L5-Outcomes of Democracy	How do we Assess Democracy`s Outcomes?,Political Outcomes,Economic Outcomes,Social Outcomes	
		Eco L4- Globalisation and the Indian Economy	Globalisation,Globalisation and the its Impact,Challenges and factors that enabled Globalisation	
		Geo L7- Lifelines of National Economy	Means of Transport,Means of Communication,International Trade and Tourism	Map work
		DIWALI VACATION (29 OCT-13 OCT)		
		NOVEMBER CT-3 (25/11 TO 30/11) Portion H-L4,G-L3,4,5,E-L3,P.S-L3		
DECEMBER	16	REVISION		
		Preboard Exam_I (7 DEC-13 DEC)		
		Revision and Sample paper Solving		
JANUARY	15	Preboard Exam_II 3/01 TO 9/01		
		Board Practical Exam		
		Preboard Exam III(17 JAN-23 JAN)		
FEBRUARY		Revision and Sample paper Solving		
		Annual Exam		