

**M.G.M HIGHER SECONDARY SCHOOL, BOKARO STEEL CITY**  
**SYLLABUS BREAKUP**  
**SESSION-2024-25**  
**CLASS – X**  
**SUBJECT – AI (417)**

<i>Month</i>	<i>Week</i>	<i>Date</i>	<i>Unit no.</i>	<i>Chapter/topic</i>
<b>MARCH-24</b>	3 <sup>rd</sup>	11 <sup>TH</sup> – 15 <sup>TH</sup>	Foundational concepts of AI	<b>Session:</b> What is Intelligence? <b>Session:</b> Decision Making.
	4 <sup>th</sup>	18 <sup>TH</sup> – 22 <sup>ND</sup>		<ul style="list-style-type: none"> <li>How do you make decisions?</li> <li>Make your choices!</li> </ul> <b>Session:</b> what is Artificial Intelligence and what is not?
	5 <sup>th</sup>	26 <sup>TH</sup> – 28 <sup>TH</sup>	Basics of AI: Let's Get Started	<ul style="list-style-type: none"> <li><b>Session:</b> Introduction to AI and related terminologies.</li> <li>Introducing AI, ML &amp; DL.</li> </ul>
<b>APRIL-24</b>	1 <sup>st</sup>	1 <sup>ST</sup> -5 <sup>TH</sup>		<ul style="list-style-type: none"> <li>Introduction to AI Domains (Data, CV &amp; NLP)</li> <li><b>Session:</b> Applications of AI – A look at Real-life AI implementations</li> </ul>
	2 <sup>nd</sup>	8 <sup>TH</sup> – 12 <sup>TH</sup>	Introduction to Problem scoping	<ul style="list-style-type: none"> <li><b>Session:</b> Introduction to AI Project Cycle.</li> <li><b>Session:</b> Understanding Problem Scoping &amp; Sustainable Development Goals</li> </ul>
	3 <sup>rd</sup>	15 <sup>TH</sup> – 19 <sup>TH</sup>	Data Acquisition & Data Exploration	<ul style="list-style-type: none"> <li><b>Session:</b> Simplifying Data Acquisition</li> <li><b>Session:</b> Visualizing Data</li> </ul>
	4 <sup>th</sup>	22 <sup>ND</sup> – 26 <sup>TH</sup>	Modelling & Evaluation	<ul style="list-style-type: none"> <li><b>Session:</b> Introduction to modelling</li> <li>Introduction to Rule Based &amp; Learning Based AI Approaches</li> </ul>
	5 <sup>TH</sup>	29 <sup>TH</sup> - 30 <sup>TH</sup>	Modelling & Evaluation	<ul style="list-style-type: none"> <li>Introduction to Supervised Unsupervised &amp; Reinforcement Learning Models</li> <li>Neural Networks</li> </ul> <b>Session:</b> Evaluating the idea!
<b>MAY-24</b>	1 <sup>ST</sup>	1 <sup>ST</sup> – 3 <sup>RD</sup>	Advance Python	<ul style="list-style-type: none"> <li><b>Session:</b> Introduction to Python</li> <li><b>Session:</b> Python Basics.</li> </ul> (To be assessed practically)
	2 <sup>ND</sup>	6 <sup>TH</sup> – 10 <sup>TH</sup>	Natural Language Processing.	<ul style="list-style-type: none"> <li><b>Session:</b> Introduction to Natural language processing.</li> <li><b>Session:</b> NLP Applications.</li> </ul>
	3 <sup>rd</sup>	13 <sup>TH</sup> - 17 <sup>TH</sup>		<ul style="list-style-type: none"> <li><b>Session:</b> Revising AI project cycle</li> </ul>

JUNE-24	4 <sup>TH</sup>	20 <sup>TH</sup> - 21 <sup>ST</sup>	Chat bots	<ul style="list-style-type: none"> <li>● <b>Session:</b> Introduction to chat bots.</li> <li>● <b>Session:</b> Human Language vs computer language.</li> </ul>
	5 <sup>TH</sup>	24 <sup>TH</sup> - 28 <sup>TH</sup>	Communication skills (Part A)	<ul style="list-style-type: none"> <li>● Introduction to Communication and its method.</li> <li>● Types of communications.</li> </ul>
JULY-24	1 <sup>ST</sup>	1 <sup>ST</sup> – 5 <sup>TH</sup>		<ul style="list-style-type: none"> <li>● Barriers of communication.</li> <li>● 7C's of communication.</li> </ul>
	2 <sup>ND</sup>	8 <sup>TH</sup> -12 <sup>TH</sup>	Concepts of NLP	<ul style="list-style-type: none"> <li>● <b>Session:</b> Text Processing</li> <li>● <b>Session:</b> Data processing.</li> </ul>
	3 <sup>RD</sup>	15 <sup>TH</sup> – 19 <sup>TH</sup>	Self-Management	<ul style="list-style-type: none"> <li>● Meaning and importance of self-management.</li> <li>● The factors that help in building self-confidence.</li> </ul>
	4 <sup>TH</sup>	22 <sup>ND</sup> – 26 <sup>TH</sup>		<ul style="list-style-type: none"> <li>● Introduction of big data</li> <li>● 3 Vs of big data- velocity, variety and volume</li> </ul>
	5 <sup>TH</sup>	29 <sup>TH</sup> – 31 <sup>ST</sup>		
AUGUST-24	1 <sup>ST</sup>	1 <sup>ST</sup> – 2 <sup>ND</sup>	Data Science	<ul style="list-style-type: none"> <li>● <b>Session:</b> Introduction to Data Science.</li> <li>● <b>Session:</b> Application of Data Science.</li> </ul>
	2 <sup>ND</sup>	5 <sup>TH</sup> – 9 <sup>TH</sup>	Concepts of Data Science.	<ul style="list-style-type: none"> <li>● <b>Session:</b> Revisiting AI project cycle.</li> </ul>
	3 <sup>RD</sup>	12 <sup>TH</sup> – 16 <sup>TH</sup>		<ul style="list-style-type: none"> <li>● <b>Session:</b> Python for Data Sciences.</li> </ul>
	4 <sup>TH</sup>	20 <sup>TH</sup> – 23 <sup>RD</sup>	Self Management skill.	<ul style="list-style-type: none"> <li>● Meaning and importance of self-management.</li> <li>● The factors that help in building self-confidence.</li> </ul>
	5 <sup>TH</sup>	27 <sup>TH</sup> – 30 <sup>TH</sup>		<b><u>(Practical exam)</u></b>
SEPTEMBER-24	1 <sup>ST</sup>	2 <sup>ND</sup> – 6 <sup>TH</sup>	Concepts of Data Science	<ul style="list-style-type: none"> <li>● <b>Session:</b> Statistical learning &amp; Data visualization</li> </ul>
	2 <sup>ND</sup>	9 <sup>th</sup> -13 <sup>th</sup>		Half yearly exam
	3 <sup>RD</sup>	17 <sup>th</sup> - 20 <sup>th</sup>		Half yearly exam
	4 <sup>TH</sup>	23 <sup>RD</sup> -27 <sup>TH</sup>	Evaluation	<ul style="list-style-type: none"> <li>● <b>Session:</b> Introduction to Model Evaluation</li> </ul>
OCTOBER-24	1 <sup>ST</sup>	1 <sup>ST</sup> - 4 <sup>TH</sup>		<ul style="list-style-type: none"> <li>● Use of ICT in personal life and Workspace.</li> <li>● Various components of computer system.</li> </ul>
	2 <sup>ND</sup>	7 <sup>TH</sup> – 8 <sup>TH</sup>		<ul style="list-style-type: none"> <li>● Introduction to Confusion Matrix- True Positive, True Negative, False Positive and D+</li> </ul>
	3 <sup>RD</sup>	14 <sup>TH</sup> – 18 <sup>TH</sup>		<ul style="list-style-type: none"> <li>● <b>Session &amp; Activity:</b> Confusion Matrix</li> </ul>
	4 <sup>TH</sup>	21 <sup>ST</sup> – 25 <sup>TH</sup>	Evaluation Score Calculation	<ul style="list-style-type: none"> <li>● <b>Session:</b> Understanding Accuracy, Precision, Recall &amp; F1 Score</li> </ul>
	5 <sup>TH</sup>	28 <sup>TH</sup> – 31 <sup>ST</sup>		<ul style="list-style-type: none"> <li>● Various types of business activities.</li> <li>● Characteristics of entrepreneurship.</li> </ul>

NOVEMBER-24	2 <sup>ND</sup>	8 <sup>TH</sup>		<ul style="list-style-type: none"> <li>• <b>Session:</b> Introduction to Computer Vision.</li> <li>• <b>Session:</b> Applications of CV.</li> </ul>
	3 <sup>RD</sup>	11 <sup>TH</sup> – 14 <sup>TH</sup>		<ul style="list-style-type: none"> <li>• <b>Session:</b> Understanding CV Concepts, Pixels,</li> <li>• How do computer see images?</li> <li>• Image Features.</li> </ul>
	4 <sup>TH</sup>	18 <sup>TH</sup> – 22 <sup>ND</sup>		<ul style="list-style-type: none"> <li>• <b>Session:</b> Introduction to open CV.</li> <li>• Image Processing.</li> </ul>
	5 <sup>TH</sup>	25 <sup>TH</sup> - 29 <sup>TH</sup>		<ul style="list-style-type: none"> <li>• Revision of the chapters for Preboard.</li> </ul> <p><b><u>Note: completion of syllabus and Submission Of Record file Project and Practical.</u></b></p>

**M.G.M HIGHER SECONDARY SCHOOL, BOKARO STEEL CITY , SESSION-2024-25**  
**PORTION OF EXAM WITH MARKS WEIGHTAGE**

MARKS DISTRIBUTION -417		
HALF-YEARLY EXAMINATION		
SECTIONS	UNITS	MAX. MARKS
PART-A	Employability Skills	
	Self- Managaement Skills- II	10
	Information and Communication Technology Skills- II	
PART-B	Subject Specific Skills	
	Introduction to Artificial Intelligence (AI)	20
	AI Project cycle	20
	Total	40
PART-C	Practical Work	
	Practical Examination • Advance Python	35
	Written Test	
	Viva Voce	
PART-D	Project work/ Field Visit	
	Practical File/ Student Portfolio	15
	Viva Voce	
THEORY EXAMINATION (PART A + PART B)		50
PRACTICAL + PROJECT (PART C + PART D)		50
PRE-BOARD EXAMINATION		
SECTIONS	UNITS	MAX. MARKS
PART-A	Employability Skills	
	Self- Managaement Skills- II	3
	Information and Communication Technology Skills- II	3
	Entrepreneurial Skills-II	4
PART-B	Subject Specific Skills	
	Introduction to Artificial Intelligence (AI)	10
	AI Project Cycle	10
	Natural Language Processing Evaluation	10
	Evaluation	10
PART-C	Practical Work	
	Practical Examination • Advance Python • Data Science • Computer Vision	35
	Written Test	
	Viva Voce	
PART-D	Project work/ Field Visit	
	Practical File/ Student Portfolio	15
	Viva Voce	

<b>THEORY EXAMINATION (PART A + PART B)</b>	<b>50</b>
<b>PRACTICAL + PROJECT (PART C + PART D)</b>	<b>50</b>

**M.G.M HIGHER SECONDARY SCHOOL, BOKARO STEEL CITY**  
**SYLLABUS BREAK-UP YEAR 2024-2025**

**CLASS- X**  
**SUBJECT: BIOLOGY**

MONTH	WEEK	CHAPTER NAME AND TOPICS
March	Advance Classes	<b>LIFE PROCESSES:</b> Introduction, Nutrition: Plant nutrition: mechanism of photosynthesis, Raw materials of photosynthesis: photoreceptors, CO <sub>2</sub> and water, sunlight
APRIL	1 <sup>st</sup>	Heterotrophic nutrition: nutrition in unicellular organisms Nutrition in human beings. <b>Practical:</b> To prepare a temporary slide of leaf epidermis to study stomata.
	2 <sup>nd</sup>	Nutrition in human beings (contd.), Respiration: aerobic and anaerobic
	3 <sup>rd</sup>	Respiratory surface, Respiration in human beings: human respiratory system
	4 <sup>th</sup> and 5 <sup>th</sup>	breathing mechanism and transportation of respiratory gases <b>Practical:</b> To show that CO <sub>2</sub> , is released during respiration
MAY	1 <sup>st</sup>	Transportation in animals: circulatory system-human heart: Structure, circulatory system-human heart: working, circulation of blood,
	2 <sup>nd</sup>	blood vessels, blood clotting, lymph, <b>Transportation of water.</b>
	3 <sup>rd</sup>	Translocation of food in plants, Excretion: human excretory system
JUNE	4 <sup>th</sup> and 5 <sup>th</sup>	Structure and working of nephrons, haemodialysis, Excretion in plants.
JULY	1 <sup>st</sup>	<b>CONTROL AND COORDINATION:</b> Nervous system: neurons, Receptors, transmission of impulses, synapse
	2 <sup>nd</sup>	Reflex action, Nervous system: Peripheral nervous system, central nervous system-Brain
	3 <sup>rd</sup>	Spinal cord, Protection of CNS, Coordinated action
	4 <sup>th</sup> and 5 <sup>th</sup>	Coordination in plants: growth independent movement , Coordination in plants: growth dependent movements (tropic movement)
AUGUST	1 <sup>st</sup> and 2 <sup>nd</sup>	Need for Hormonal system, Plant Growth Hormones,
	3 <sup>rd</sup>	Hormonal control: Hormonal control in animals, feedback mechanism
	4 <sup>th</sup>	<b>HOW DO ORGANISMS REPRODUCE?</b> Importance of reproduction, importance of DNA copying, variation, and it's importance
	5 <sup>th</sup>	Asexual reproduction: fission, fragmentation, budding, regeneration, Asexual reproduction: spore formation vegetative propagation
SEPTEMBER	1 <sup>st</sup>	<b>REVISION FOR HALF YEARLY EXAMINATION</b>
	2 <sup>nd</sup> and 3 <sup>rd</sup>	<b>HALF YERLY EXAMINATION</b>
	4 <sup>th</sup>	Sexual reproduction: importance. Sexual reproduction in flowering plants
OCTOBER	1 <sup>ST</sup> and 2 <sup>nd</sup>	Reproduction in human beings, Reproductive health
	3 <sup>rd</sup>	<b>Practical:</b> To study asexual reproduction using permanent slides. <b>Practical:</b> To study the features of dicot seed. <b>HEREDITY AND VARIATIONS:</b> Accumulation of variations during reproduction
	4 <sup>th</sup>	Heredity: inherited traits, Rules for inheritance of traits, monohybrid cross
	5 <sup>th</sup>	Dihybrid cross,
NOVEMBER	2 <sup>nd</sup> and 3 <sup>rd</sup>	Expression of traits, Sex Determination
	4 <sup>th</sup>	<b>OUR ENVIRONMENT</b> Biodegradable and non-biodegradable wastes, ecosystem, , Food chain and food web
	5 <sup>th</sup>	Flow of energy ,10% law, Biological Magnification, Ozone layer depletion, Managing the garbage we produce
DECEMBER	1 <sup>st</sup> & 2 <sup>nd</sup>	<b>REVISION</b>

## **Portion for Assessments (2024-25)**

	<b><u>Name of the Chapter</u></b>
1 <sup>st</sup> Periodic test	Life Processes
2 <sup>nd</sup> Periodic test	Life processes
	Control and coordination
	Heredity

### **Half Yearly examination**

#### **Name of the Chapters**

Life Processes  
Control and Coordination

### **Preboard -1**

#### **Name of the Chapters**

How do organisms reproduce?  
Heredity  
Our Environment  
Total marks

### **Preboard - 2**

#### **Name of the Chapters**

Life processes  
Control and coordination  
How do organisms reproduce?  
Heredity  
Our Environment

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## M.G.M. HIGHER SECONDARY SCHOOL B.S CITY

Syllabus Break up For the Year 2024-2025

Class- X Subject : Hindi – A (002)

Month	Week		Chapter/Topic
		<b>Chapter No.</b>	पुस्तक - क्षितिज भाग 2 व कृतिका भाग 2 एन.सी.ई.आर.टी व्याकरण- हिंदी व्याकरण सरस्वती हाउस प्रकाशन कक्षा 10 हेतु
March	2 <sup>nd</sup>	व्याकरण 1	वाक्य रचना के आधार पर
	3 <sup>rd</sup>	व्याकरण 2	व भेद तथा परिवर्तन
	4 <sup>th</sup>		पद परिचय रेखांकित का पद बताना
April	1 <sup>st</sup>	ikB 10	नेताजी का चश्मा
	2 <sup>nd</sup>	ikB 11	बाल गोबिन भगत
	3 <sup>rd</sup>	ikB 01	सूरदास के पद
	4 <sup>th</sup>	ikB 01	माता का अँचल वाच्य भेद व वाच्य परिवर्तन
May	5 <sup>th</sup>		अलंकार : उपमा ,रूपक ,उत्प्रेक्षा,
	1 <sup>st</sup>	ikB व्याकरण	अतिशयोक्ति, मानवीकरण
	2 <sup>nd</sup>	ikB व्याकरण -	अनुच्छेद लेखन 120 शब्दों में
June	3 <sup>rd</sup>	ikB व्याकरण –	पत्र लेखन औपचारिक व अनौपचारिक 100 शब्दों में
	4 <sup>th</sup>	ikB 02	राम लक्ष्मण परशुराम संवाद कविता
	5 <sup>th</sup>		लेखनवीं अंदाज व आत्मकथ्य कविता



July	1 <sup>st</sup>	ikB 12 , 04	स्ववृत्त लेखन 80 शब्दों में
	2 <sup>nd</sup>	ikB व्याकरण	ई मेल लेखन 80 शब्दों में
	4 <sup>th</sup>		साना साना हाथ जोडि. ....
	5 <sup>th</sup>	ikB03	विज्ञापन लेखन 40 शब्दों में
		ikB व्याकरण	संदेश लेखन 40 शब्दों में । अपठित गद्यांश -पद्यांश
August	1 <sup>st</sup>	ikB व्याकरण	पाठ्यक्रम अभ्यास कार्य अर्धवार्षिक परीक्षा हेतु
	2 <sup>nd</sup>	ikB lkfgR;	पाठ्यक्रम अभ्यास कार्य अर्धवार्षिक परीक्षा हेतु
	3 <sup>rd</sup>	ikB Hkk”kk	कविता उत्साह व अट नहीं रही है
	4 <sup>th</sup>	ikB 05	एक कहानी यह भी
	5 <sup>th</sup>	ikB 14	मैं क्यों लिखता हूँ...
September	1 <sup>st</sup>	ikB 05	..Half Yearly Exam.
			नौबतखाने में इबादत
			यह दंतुरित मुस्कान व फसल कविता
	4 <sup>th</sup>		संस्कृति
	5 <sup>th</sup>	ikB 16	संगतकार कविता
October	1 <sup>st</sup>	ikB 06	व्याकरण - वाक्यरचना के आधार पर एवम वाच्य
	2 <sup>nd</sup>	ikB 17	पद परिचय- अलंकार-उपमा रूपक उत्प्रेक्षा
	3 <sup>rd</sup>	ikB 09	अतिशयोक्ति मानवीकरण अपठित गद्यांश एवम पद्यांश
	4 <sup>th</sup>	ikB व्याकरण	पाठ समीक्षा पाठ्यक्रम अतिलघुउत्तरीय प्रश्न

November	5 <sup>th</sup>	ikB व्याकरण	पाठ्यक्रम का समापन
	2 <sup>nd</sup>	ikB lkfgR;	<u>Portion for Test 2024-2025</u>
December	3 <sup>rd</sup>	ikB Hkk"kk	P.T-1      periodic:- जुलाई
	4 <sup>th</sup>		अंश – vizSy ebZ twu
	5 <sup>th</sup>		. vifBr xn~;ka'k , नेताजी का चश्मा    वाक्य, वाच्य ,पद परिचय . सूरदास के पद- . माता का आँचल . बाल गोबिन भगत
		Pre Board Examination	<u>Half Yearly Portion</u> भाषा -अपठित गद्यांश व काव्यांश, वाक्य, वाच्य, पद परिचय ,अलंकार, अनुच्छेद, पत्र, स्ववृत्त, ई मेल, संदेश, विज्ञापन पाठ – lkfgR; f{kfrt 10, 11, 01, 02, 12, 03 d`frdk -01  P.T- 2 Periodic नवंबर  अंश— जुलाई अगस्त सितंबर  अपठित काव्यांश , लखनवी अंदाज ,आत्मकथ्य, साना साना हाथ जोडि, अलंकार , उत्साह, एक कहानी यह भी, नौबतखाने में इबादत  Pre Board- 1 अपठित गद्यांश व काव्यांश, वाक्य, वाच्य, पद परिचय , अलंकार, अनुच्छेद, पत्र ,स्ववृत्त, ई मेल , विज्ञापन ,संदेश, पाठ 5, 6, 9, 14, 16, 17 एवम कृतिका से 3, 5 ।  Pre Board- 2 Complete Syllabus of session 2024-2025

**MGM HIGHER SECONDARY SCHOOL, BOKARO**  
**YEAR PLAN WITH MONTHLY PLAN- 2024-25**

**CLASS – 10**

**SUBJECT – CHEMISTRY**

<b>MONTH</b>	<b>WEEK</b>	<b>CHAPTER NAME AND TOPICS</b>
<b>March</b>	2 <sup>nd</sup>	<b>Ch- 1 Chemical Reactions and Equations-</b> Chemical reaction, characteristics of chemical reactions
	3 <sup>rd</sup> and 4 <sup>th</sup>	Chemical equations, Writing a Chemical Equation, Balanced chemical equations
<b>April</b>	1 <sup>st</sup>	Types of chemical reaction- 1) Combination reaction 2) Decomposition reaction
	2 <sup>nd</sup>	3) Displacement reaction 4) Double displacement reaction 5) Redox reaction
	3 <sup>rd</sup>	Effects of oxidation reactions in everyday life, Exercise Questions
	4 <sup>th</sup> and 5 <sup>th</sup>	<b>Ch -2 Acids, Bases and Salts</b> Basic concepts of acid and base, types of acid and base
<b>May</b>	1 <sup>st</sup> and 2 <sup>nd</sup>	Indicator, Types of indicators, Reaction of acid and base with metals, Reaction of acid with metal carbonates and metal bicarbonates
	3 <sup>rd</sup>	Reaction between acid and base, reaction of metal oxides with acid, what do all acids and all bases have in common? What happens to an acid or a base in a water solution?
<b>June</b>	3 <sup>rd</sup>	How strong are acid or a base solution? pH, importance of pH in everyday life, Salts and types of salts
	4 <sup>th</sup>	Preparation, Properties and Uses of – Sodium Chloride, Sodium hydroxide, Practical- Experiment number - 1

<b>July</b>	1 <sup>st</sup>	Preparation, Properties and Uses of Baking soda, Washing soda, Bleaching powder
	2 <sup>nd</sup>	Preparation, Properties and Use of Plaster of Paris, Are the crystals of salts really dry? Exercise Questions
	3 <sup>rd</sup>	<b>Ch -3 Metals and Non-Metals</b> Introduction, physical properties of metals and non-metals Practical - Experiment number 2
	4 <sup>th</sup> and 5 <sup>th</sup>	Reactivity series, Chemical properties of metals and non-metals
<b>August</b>	1 <sup>st</sup> and 2 <sup>nd</sup>	Ionic compound, Properties of ionic compounds, electron dot representation of ionic compounds
	3 <sup>rd</sup>	Occurrence of metals, Metallurgy, extraction of metals, Enrichment of Ore, extraction of metals low in reactivity series
	4 <sup>th</sup>	Extraction of metals in the middle of the reactivity series, Practical - Experiment number -3
	5 <sup>th</sup>	Extraction of metals high in the reactivity series, Refining of metals
<b>September</b>	1 <sup>st</sup>	Revision
	2 <sup>nd</sup> and 3 <sup>rd</sup>	Half Yearly Exam
	4 <sup>th</sup>	Corrosion, Prevention of Corrosion and Alloys, Exercise Questions
<b>October</b>	1 <sup>st</sup> and 2 <sup>nd</sup>	<b>Ch-4 Carbon and its Compounds-</b> Introduction, covalent bonding in carbon compounds, allotropic forms of carbon, versatile nature of carbon
	3 <sup>rd</sup>	Saturated and unsaturated carbon compounds, Chain, Branches and Rings, Functional groups,
	4 <sup>th</sup>	Nomenclature of carbon compounds, Homologous series
	5 <sup>th</sup>	Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction)
<b>November</b>	2 <sup>nd</sup> and 3 <sup>rd</sup>	Important carbon compounds-Ethanol: physical and chemical properties and its uses, Practical- Experiment No-4
	4 <sup>th</sup>	Ethanoic acid – Physical, Chemical properties and its uses
	5 <sup>th</sup>	Soaps and Detergents, Practical - Experiment number -5, Exercise Questions
<b>December</b>	1 <sup>st</sup>	Revision

**PORTION FOR EXAMINATION (CHEMISTRY: CLASS 10)****SESSION: 2024-2025**

<b>EXAM</b>	<b>CHAPTER NUMBER</b>	<b>NAME OF THE CHAPTER</b>
1st PERIODIC TEST	01	<ul style="list-style-type: none"><li>• Chemical Reaction and Equations</li></ul>
	02	<ul style="list-style-type: none"><li>• Acids Bases and Salts (Up to Salt and type of salt)</li></ul>
HALF YEARLY EXAM	01	<ul style="list-style-type: none"><li>• Chemical Reactions and Equations</li></ul>
	02	<ul style="list-style-type: none"><li>• Acids Bases and Salts</li></ul>
	03	<ul style="list-style-type: none"><li>• Metals and Non-Metals (Up to Ionic compound)</li></ul>
2 <sup>nd</sup> PERIODIC TEST	01	<ul style="list-style-type: none"><li>• Chemical Reactions and Equations</li></ul>
	02	<ul style="list-style-type: none"><li>• Acids Bases and Salts</li></ul>
	03	<ul style="list-style-type: none"><li>• Metals and Non-Metals</li></ul>
	04	<ul style="list-style-type: none"><li>• Carbon and its Compound (Up to Nomenclature of organic compound)</li></ul>
1 <sup>st</sup> PREBOARD	03	<ul style="list-style-type: none"><li>• Metals and Non metals</li></ul>
	04	<ul style="list-style-type: none"><li>• Carbon and its Compounds</li></ul>
2 <sup>nd</sup> PREBOARD	01	<ul style="list-style-type: none"><li>• Chemical reactions and equations</li></ul>
	02	<ul style="list-style-type: none"><li>• Acids, Bases, and Salts</li></ul>
	03	<ul style="list-style-type: none"><li>• Metals and Non-Metals</li></ul>
	04	<ul style="list-style-type: none"><li>• Carbon and its Compounds</li></ul>
BOARD EXAM		<ul style="list-style-type: none"><li>• Entire Syllabus</li></ul>



**M.G.M HIGHER SECONDARY SCHOOL, B.S. CITY**  
**SYLLABUS BREAK-UP FOR THE YEAR: 2024 – 2025**  
**CLASS – X**  
**SUBJECT: ENGLISH (LANGUAGE AND LITERATURE) (184)**

<b>MONTH</b>	<b>WEEK</b>	<b>CHAPTER/ TOPIC</b>
<b>MARCH</b> 11 March- Session Begins	03 (6 W.D.)	Grammar- Tenses (Present and Past) Grammar- Tenses (Past and Future) A Letter to God LR A Letter to God LR (Continued)
	04 (6 W.D.)	Dust of Snow LR Fire and Ice LR Modals
	05 (2 W.D.)	Letter of Complaint
<b>APRIL</b>	01 (6 W.D.)	Letter of Inquiry A Long Walk to Freedom LR
	02 (5 W.D.)	Comprehension Passage A Tiger in the Zoo LR Two Stories about Flying LR
	03 (5 W.D.)	Two Stories about Flying LR- 2 (Continued) A Triumph of Surgery SR
	04 (6 W.D.)	A Triumph of Surgery (Continued) The Thief's Story SR
	05 (2 W.D.)	Subject Verb Agreement
<b>MAY</b>	01 (4 W.D.)	Subject Verb Agreement (Continued) The Ball Poem LR Reported Speech
	02 (6 W.D.)	Reported Speech (Continued) How to Tell Wild Animals LR The Midnight Visitor SR
	03 (6 W.D.)	A Question of Trust SR Letter to Editor
<b>JUNE</b>	04 (3 W.D.)	Letter Writing- Placing an Order Amanda LR
	05 (6 W.D.)	From the Diary of Anne Frank LR Integrated Grammar Practice Footprints Without Feet SR
<b>JULY</b>	01 (6 W.D.)	Footprints Without Feet SR (Continued) Integrated Grammar Practice- Editing and Omission Determiners
	02 (6 W.D.)	Revision – Periodic Test I
	03 (15 – 20 July)	Periodic Test I

	04 (6 W.D.)	Glimpses of India- A Baker from Goa LR Coorg LR
	05 (3 W.D.)	Tea from Assam LR The Trees LR
<b>AUGUST</b>	01 (2 W.D.)	The Trees LR (Continued)
	02 (6 W.D.)	Analytical Paragraph The Making of a Scientist SR
	03 (5 W.D.)	Madam Rides the Bus LR The Tale of Custard the Dragon LR
	04 (5 W.D.)	The Necklace SR Reported Speech- Commands and Requests (Practice) The Sermon at Benaras LR
	05 (5 W.D.)	Fog LR Comprehension Passage Integrated Grammar Letter Writing
<b>SEPTEMBER</b>	01 (6 W.D.)	REVISION FOR HALF YEARLY EXAM
	02 + 03 (10 W.D.)	HALF YEARLY EXAMINATION
	04 (6 W.D.)	Mijbil the Otter LR Analytical Paragraph
<b>OCTOBER</b>	01 (3 W.D.)	Analytical Paragraph (Continued) Determiners
	02 (2 W.D.)	Determiners (Continued) The Proposal LR
	03 (6 W.D.)	The Proposal LR (Continued) Analytical Paragraph Letter Writing – Complaint Letter
	04 (6 W.D.)	Letter Writing – Complaint Letter (Continued)
	05 (4 W.D.)	Bholi SR
<b>NOVEMBER</b>	02 (2 W.D.)	For Anne Gregory LR
	03 (5 W.D.)	The Book that Saved the Earth SR
	04	REVISION FOR PT II
	05 (25 – 29 Nov)	PERIODIC TEST II
	30 <sup>th</sup> Nov 2024	SYLLABUS COMPLETION



## **PERIODIC TEST – 01 PORTION (15 July 2024)**

LR	-	01	A Letter to God
		02	Long Walk to Freedom
		03	Two Stories about Flying- 1 and 2
Poems	-	01	Dust of Snow
		02	Fire and Ice
		03	A Tiger in the Zoo
		04	The Ball Poem
SR	-	01	A Triumph of Surgery
		02	The Thief's Story
		03	The Midnight Visitor

### **Writing and Grammar**

- Formal letters (Placing an order, Inquiry, Complaint, Letter to the Order)
- Tenses
- Modals
- Subject Verb Agreement
- Reported Speech
- Gap Filling
- Editing / Omission

### **Reading Section**

- Comprehension Passage

## **HALF YEARLY – (9 September 2024)**

### **READING**

Question based on the following kinds of unseen passages to assess inference, evaluation, vocabulary, analysis and interpretation:

1. Discursive passage (400-450 words)
2. Case based Factual passage (with visual input/ statistical data/ chart etc. 300-350 words)

### **WRITING SKILL**

1. Formal letter based on a given situation.
  - Letter to the Editor
  - Letter of Complaint (Official)
  - Letter of Inquiry
  - Placing an Order
  - Letter of Complaint (Business)

## 2. Analytical Paragraph

### **GRAMMAR**

1. Tenses
2. Modals
3. Subject-Verb Concord
4. Determiner
5. Reported Speech
6. Commands and Requests
7. Statements
8. Questions

### **LITERATURE**

Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts.

### **FIRST FLIGHT**

1. A Letter to God
2. A Long Walk to Freedom
3. Two Stories about Flying
4. From the Diary of Anne Frank
5. Glimpses of India
6. Madam Rides the Bus
7. The Sermon and Benaras

### **POEMS**

1. Dust of Snow
2. Fire and Ice
3. A Tiger in the Zoo
4. How to Tell Wild Animals
5. The Ball Poem
6. Amanda
7. The Trees
8. The Tale of Custard the Dragon
9. Fog

### **FOOTPRINTS WITHOUT FEET**

1. A Triumph of Surgery
2. The Thief's Story
3. The Midnight Visitor
4. A Question of Trust
5. Footprints Without Feet
6. The Making of a Scientist
7. The Necklace

## **PERIODIC TEST – 02 PORTION (25 November 2024)**

LR	-	01	Mijbil the Otter
		02	The Proposal
Poems	-	01	For Anne Gregory
SR	-	01	Bholi
		02	The Book that saved the Earth

### **Writing and Grammar**

- Formal letters (Placing an order, Inquiry, Complaint, Letter to the Order)
- Analytical Paragraph
- Integrated Grammar
- Gap Filling
- Editing / Omission, Reported Speech, Voice.

### **Reading Section**

- Comprehension Passage

PT II portion includes the portion covered in PT I and Half Yearly Examination

## **PRE – BOARD – 1 (9 December 2024)**

**PORTION- PT 1 + HALF YEARLY EXAM + PT2 Topics**

## **PRE – BOARD – 2 (3 January 2024)**

**PORTION – Entire Syllabus**

## M.G.M. HIGHER SECONDARY SCHOOL B.S CITY

Syllabus Break up For the Year 2024-2025

Class- X Subject : Hindi – A (002)

Month	Week		Chapter/Topic
		<b>Chapter No.</b>	पुस्तक - क्षितिज भाग 2 व कृतिका भाग 2 एन.सी.ई.आर.टी व्याकरण- हिंदी व्याकरण सरस्वती हाउस प्रकाशन कक्षा 10 हेतु
March	2 <sup>nd</sup>	व्याकरण 1	वाक्य रचना के आधार पर
	3 <sup>rd</sup>	व्याकरण 2	व भेद तथा परिवर्तन
	4 <sup>th</sup>		पद परिचय रेखांकित का पद बताना
April	1 <sup>st</sup>	ikB 10	नेताजी का चश्मा
	2 <sup>nd</sup>	ikB 11	बाल गोबिन भगत
	3 <sup>rd</sup>	ikB 01	सूरदास के पद
	4 <sup>th</sup>	ikB 01	माता का अँचल वाच्य भेद व वाच्य परिवर्तन
	5 <sup>th</sup>		अलंकार : उपमा ,रूपक ,उत्प्रेक्षा,
May	1 <sup>st</sup>	ikB व्याकरण	अतिशयोक्ति, मानवीकरण
	2 <sup>nd</sup>	ikB व्याकरण -	अनुच्छेद लेखन 120 शब्दों में
	3 <sup>rd</sup>	ikB व्याकरण –	पत्र लेखन औपचारिक व अनौपचारिक 100 शब्दों में
June	4 <sup>th</sup>	ikB 02	राम लक्ष्मण परशुराम संवाद कविता
	5 <sup>th</sup>		लेखनवीं अंदाज व आत्मकथ्य कविता

July	1 <sup>st</sup>	ikB 12 , 04	स्ववृत्त लेखन 80 शब्दों में
	2 <sup>nd</sup>	ikB व्याकरण	ई मेल लेखन 80 शब्दों में
	4 <sup>th</sup>		साना साना हाथ जोडि. ....
	5 <sup>th</sup>	ikB03	विज्ञापन लेखन 40 शब्दों में
		ikB व्याकरण	संदेश लेखन 40 शब्दों में । अपठित गद्यांश -पद्यांश
August	1 <sup>st</sup>	ikB व्याकरण	पाठ्यक्रम अभ्यास कार्य अर्धवार्षिक परीक्षा हेतु
	2 <sup>nd</sup>	ikB lkfgR;	पाठ्यक्रम अभ्यास कार्य अर्धवार्षिक परीक्षा हेतु
	3 <sup>rd</sup>	ikB Hkk”kk	कविता उत्साह व अट नहीं रही है
	4 <sup>th</sup>	ikB 05	एक कहानी यह भी
	5 <sup>th</sup>	ikB 14	मैं क्यों लिखता हूँ...
September	1 <sup>st</sup>	ikB 05	..Half Yearly Exam.
			नौबतखाने में इबादत
			यह दंतुरित मुस्कान व फसल कविता
	4 <sup>th</sup>		संस्कृति
	5 <sup>th</sup>	ikB 16	संगतकार कविता
October	1 <sup>st</sup>	ikB 06	व्याकरण - वाक्यरचना के आधार पर एवम वाच्य
	2 <sup>nd</sup>	ikB 17	पद परिचय- अलंकार-उपमा रूपक उत्प्रेक्षा
	3 <sup>rd</sup>	ikB 09	अतिशयोक्ति मानवीकरण अपठित गद्यांश एवम पद्यांश
	4 <sup>th</sup>	ikB व्याकरण	पाठ समीक्षा पाठ्यक्रम अतिलघुउत्तरीय प्रश्न

November	5 <sup>th</sup>	ikB व्याकरण	पाठ्यक्रम का समापन
	2 <sup>nd</sup>	ikB lkfgR;	<u>Portion for Test 2024-2025</u>
December	3 <sup>rd</sup>	ikB Hkk"kk	P.T-1      periodic:- जुलाई
	4 <sup>th</sup>		अंश – vizSy ebZ twu
	5 <sup>th</sup>		. vifBr xn~;ka'k , नेताजी का चश्मा    वाक्य, वाच्य ,पद परिचय . सूरदास के पद- . माता का आँचल . बाल गोबिन भगत
		Pre Board Examination	<u>Half Yearly Portion</u> भाषा -अपठित गद्यांश व काव्यांश, वाक्य, वाच्य, पद परिचय ,अलंकार, अनुच्छेद, पत्र, स्ववृत्त, ई मेल, संदेश, विज्ञापन पाठ – lkfgR; f{kfrt 10, 11, 01, 02, 12, 03 d`frdk -01  P.T- 2 Periodic नवंबर  अंश— जुलाई अगस्त सितंबर  अपठित काव्यांश , लखनवी अंदाज ,आत्मकथ्य, साना साना हाथ जोडि, अलंकार , उत्साह, एक कहानी यह भी, नौबतखाने में इबादत  Pre Board- 1 अपठित गद्यांश व काव्यांश, वाक्य, वाच्य, पद परिचय , अलंकार, अनुच्छेद, पत्र ,स्ववृत्त, ई मेल , विज्ञापन ,संदेश, पाठ 5, 6, 9, 14, 16, 17 एवम कृतिका से 3, 5 ।  Pre Board- 2 Complete Syllabus of session 2024-2025

**M.G.M HIGHER SECONDARY SCHOOL, B.S.CITY**  
**SYLLABUS BREAK-UP FOR YEAR 2024-2025**  
**CLASS - 10**  
**SUBJECT- SOCIAL SCIENCE (HISTORY&ECONOMICS)**

MONTH	WEEK	CHAPTER NO.	CHAPTER NAME/ TOPIC
MARCH	2 (11-16)	1-ECONOMICS	DEVELOPMENT
			What Development promises, Income and Other Goals, National Development,
			How to compare different countries or states Average income, income and other criterion; Public Facilities,
	3 (20-24)	1-HISTORY	Sustainability of Development
	4 (26-27)		THE RISE OF NATIONALISM IN EUROPE:
			Introduction; The French Revolution and the Idea of the Nation
APRIL	1 (1-5)		The Making of Nationalism in Europe; The Age of Revolutions-1830-1848 The Making of Germany, Italy and Britain
	2 (8-13)		Visualizing the Nation; Nationalism and Imperialism Nationalism and Imperialism
	2 (8-13)	2-ECONOMICS	THE SECTORS OF INDIAN ECONOMY  Introduction; Sectors of Economic Activities;
	3 (15-20)		Historical change in Sectors; Rising importance of Tertiary Sector

	<b>4&amp;5 (22-26 &amp;29,30)</b>		Employment Generation, Division of Sectors, Protective Measures for Unorganized  Sectors in terms of Ownership; Public Sector and Private Sector
<b>MAY</b>	<b>1 (1-4)</b>	<b>2-HISTORY</b>	<b>NATIONALISM IN INDIA</b> Introduction; Impact of First World War; The Idea of Satyagraha; The Rowlatt Act
	<b>2 (6-10)</b>		Khilafat and Non- Cooperation Movement and Differing Strands within the Movement
	<b>3 (13-17)</b>		Towards Civil Disobedience Movement Salt Satyagraha, Movements of Peasants, Workers,
<b>JUNE</b>			<b>3</b> <b>(20-22)</b>
	<b>4 (24-29)</b>	<b>3-ECONOMICS</b>	<b>MONEY AND CREDIT</b> Money as a medium of exchange, Modern forms of Money, Loan activity of India
<b>JULY</b>	<b>1 (1-5)</b>		Two Different Credit Situations, Terms of Credit, Formal Sector Credit in India
	<b>2 (8-12)</b>		Self- Help Groups
	<b>4 (15-20)</b>	<b>HISTORY</b>	REVISION (PT-1)
	<b>5 (29-31)</b>		<b>THE MAKING OF A GLOBAL WORLD(HISTORY)</b> The Pre-modern world
<b>AUGUST</b>	<b>1 (1-2)</b>	<b>HISTORY</b>	The Nineteenth Century (1815-1914)
	<b>2 (5-9)</b>		The Inter War Economy
		<b>3 (12-16)</b>	<b>3-HISTORY</b>



<b>AUGUST</b>	<b>4</b> <b>(20-24)</b>	<b>4-HISTORY</b>	Industrialization in Colonies, Factories Come Up
	<b>5</b> <b>(27-31)</b>		The Peculiarities of Industrial Growth, Market for Goods
<b>SEPTEMBER</b>	<b>1</b> <b>(2-6)</b>		REVISION
	<b>4</b> <b>(23-27,30)</b>		<b>PRINT CULTURE AND THE MODERN WORLD</b>  The First Printed Books, Print comes to Europe, The Print Revolution and its impact,
<b>OCTOBER</b>	<b>1</b> <b>(1-4)</b>	<b>5-HISTORY</b>	The Reading Mania, The 19 <sup>th</sup> Century
	<b>2</b> <b>(7-8)</b> <b>&amp;</b> <b>3</b> <b>(14-18)</b>		India and the world of Prints,
	<b>4</b> <b>(21-26)</b>		, Religious Reforms and Public Debates
	<b>5</b> <b>(28-31)</b>		Women and Print; Print and Censorship
<b>NOVEMBER</b>	<b>3</b> <b>(11-16)</b>	<b>4-ECONOMICS</b>	<b>GLOBALISATION AND THE INDIAN ECONOMY</b> Production across countries, Foreign Trades and Interaction of Markets,
	<b>4</b> <b>(18-22)</b>		Globalization, Factors that have enabled Globalization
	<b>5</b> <b>(25-30)</b>		WTO, Impact, Fair Globalization

**CONSUMER RIGHTS : PROJECT WORK(Consumer Awareness)**

**PORTION FOR PERIODIC TEST -1**

**HISTORY – NATIONALISM IN EUROPE**

**ECONOMICS – DEVELOPMENT, SECTORS OF INDIAN ECONOMY**

**PORTION FOR HALF -YEARLY**

**HISTORY - 1. NATIONALISM IN EUROPE**

**2. NATIONALISM IN INDIA**

**3. THE MAKING OF A GLOBAL WORLD**

**ECONOMICS –1. DEVELOPMENT**

**2. - SECTORS OF INDIAN ECONOMY**

**PORTION FOR PERIODIC TEST - 2**

**HISTORY - 1. NATIONALISM IN EUROPE**

**2. NATIONALISM IN INDIA**

**3. THE MAKING OF A GLOBAL WORLD**

**4. THE AGE OF INDUSTRIALISATION**

**ECONOMICS –1. DEVELOPMENT**

**2. - SECTORS OF INDIAN ECONOMY**

**3. MONEY AND CREDIT**

**PRE-BOARD –(I)**

**HISTORY**

**Chapter-4 THE AGE OF INDUSTRIALISATION**

**5. PRINT CULTURE AND THE MODERN WORLD**

**ECONOMICS**

**Chapter- 3. MONEY AND CREDIT**

**4. GLOBALISATION AND THE INDIAN ECONOMY**

**PRE-BOARD –(II) - ENTIRE SYLLABUS**

**MGM HIGHER SECONDARY SCHOOL, B S CITY**  
**YEAR PLAN WITH MONTHLY PLAN 2024-2025**  
**CLASS – X**  
**SUBJECT – INFORMATION TECHNOLOGY**

MONTH	WEEK	Unit/Session	TOPIC/TOPIC NAME
MARCH	4 <sup>TH</sup>	1/1 1/2 1/ 3 2/1 2/2	Ordering food at restaurant Making Resolutions Talking about the change Working with Accessibility option Networking Fundamentals
APRIL	1 <sup>ST</sup>	2/3 2/4 2/5 1/4 2/6 2/7 2/8	Introduction to Instance Messaging Chatting with a contact – Google Talk Creating and publishing web pages- Blog Planning a story Using off line blog editor Online transaction Internet security
	2 <sup>ND</sup>	3/1 3/2 3/ 3 3/ 4	Modifying layout of paragraph Managing headers Managing footers Managing styles
	3 <sup>RD</sup>	1/5 3/ 5 3/ 6	Narrating a story Document template Working with page and section break
	4 <sup>TH</sup>	1/ 6 3/7 3/8	Describing an Event Applying character formats Insert graphical objects and illustrations
MAY	1 <sup>ST</sup>	1/7	Giving Directions Revision of unit 2
JUNE	3 <sup>RD</sup>		Revision of unit 3
	4 <sup>TH</sup>	1/ 8 4/1	Describing a known place Use auto sum in cells
		4/2 4/3	Conditional formatting Hide/ unhindered freeze row and column
JULY	1 <sup>ST</sup>	1/ 9 4/4	Recounting an experience Set page break
	2 <sup>ND</sup>	1/ 10 4/ 5	Finding a palce to stay Set page layout
	3 <sup>RD</sup>	1/11 4/ 6	Saying no Managing workbook view
	4 <sup>TH</sup>	1/12 4/ 7	Describing a lost Item Apply cell and range name
AUGUST	1 <sup>ST</sup>	4/ 8 4/ 9	Create modify and format charts Sort and filter data
	2 <sup>ND</sup>	1/13 4/ 10	Appreciating some one Calculate data across worksheets
	3 <sup>RD</sup>	1/14 4/ 11	Attending a phone call Using multiple worksheet and linking cells
	4 <sup>TH</sup>	4/ 12	Sharing worksheet data
	5 <sup>TH</sup>	1/15	Giving Instruction Revision

SEPTEMBER	1 <sup>ST</sup>	1/16	Registering a complain <b>( Practical exam 2<sup>nd</sup> to 7<sup>th</sup>)</b>
	2 <sup>ND</sup>	1/ 17	Calling up to find about a job vacancy
	3 <sup>RD</sup>		<b><u>Half Yearly</u></b>
	4 <sup>TH</sup>		<b><u>Half Yearly</u></b>
OCTOBER	1 <sup>ST</sup>	1/18 5/ 1 5/ 2 5/ 3	Writing a resume Inserting a movie clip Inserting audio clip Working with tables
	2 <sup>ND</sup>	1/19 5/ 4 5/ 5 5/ 6	Writing a covering letter Working with charts Inserting transitions Inserting animation
	3 <sup>RD</sup>	1/20 5/ 7 5/ 8 5/ 9	Facing an Interview Grouping objects Inserting speakers notes Reviewing content
NOVEMBER	1 <sup>ST</sup>	1/21 5/ 10 5/ 11 6/ 1	Taking a telephone Interview Preparing to deliver a presentation Print a presentation Working with calender
	2 <sup>ND</sup>	1/ 22 6/2 6/3 6/4 6/5 6/6	Accepting Job offer <b><u>Schedule</u></b> an appointment Categorize an appointment Share a calendar Print a calendar Creating an a meeting request
	3 <sup>RD</sup>	6/7 6/8 6/9 6/10 7/1	Respond to a meeting request Creating and edit a task Create and edit a note Create and edit a journal entry Database concepts
	4 <sup>TH</sup>	7/2 7/3 7/4 7/5 7/6	Data storage Manipulating data Creating a database object Creating a table Building forms
	5 <sup>TH</sup>	7/7 7/8	Creating and managing query Design reports Revision of unit 5 Revision of unit 6 <b><u>Note: completion of syllabus and Submission Of Record file Project (30<sup>th</sup> Nov )</u></b>







MONTH	WEEK	UNIT	SESSION	SESSION/TOPIC
APRIL	1 <sup>ST</sup>	1	1	
	2 <sup>ND</sup>			
	3 <sup>RD</sup>			
	4 <sup>TH</sup>			



**M.G.M HIGHER SECONDARY SCHOOL, B.S.CITY**  
**YEAR PLAN WITH MONTHLY PLAN 2024-25**  
**CLASS – X**  
**SUBJECT – MARKETING AND SALES ( SUBJECT CODE-412)**

MONTH	WEEK		Unit/Session	TOPIC/TOPIC NAME
March	3 <sup>rd</sup>	11 <sup>th</sup> -16 <sup>th</sup>	1. Sales with other functions- Introduction to Marketing Mix	<b>Session:</b> Product What are the types/ tools of Marketing Mix
	4 <sup>th</sup> +5 <sup>th</sup>	18 <sup>th</sup> -27 <sup>th</sup>	1. Sales with other functions- Introduction to Marketing Mix	<ul style="list-style-type: none"> <li>To understand product as the first tool of marketing mix.</li> </ul>
APRIL	1 <sup>st</sup>	1 <sup>st</sup> -5 <sup>th</sup>	1. Sales with other functions- Introduction to Marketing Mix	<b>Session:</b> Price <ul style="list-style-type: none"> <li>Explain what is the meaning of price in context of one of the tools of marketing.</li> </ul>
	2 <sup>nd</sup>	8 <sup>th</sup> -12 <sup>th</sup>	1. Sales with other functions- Introduction to Marketing Mix	<b>Session:</b> Place <ul style="list-style-type: none"> <li>Meaning of place in the context of one of the tools of marketing mix</li> </ul>
	3 <sup>rd</sup>	15 <sup>th</sup> -19 <sup>th</sup>	1. Sales with other functions- Introduction to Marketing Mix	<b>Session:</b> Promotion <ul style="list-style-type: none"> <li>Meaning of promotion in context of one of the tools of marketing</li> </ul>
	4 <sup>th</sup> +5 <sup>th</sup>	22 <sup>nd</sup> -30 <sup>th</sup>	2. Marketing Process	<b>Session:</b> Market Segmentation <ul style="list-style-type: none"> <li>Basis of market segmentation</li> <li>Importance of segmentation</li> <li>Requirements for effective segmentation</li> </ul>
MAY	1 <sup>st</sup>	1 <sup>st</sup> -3 <sup>rd</sup>	2. Marketing Process	<b>Session:</b> Targeting the Market <ul style="list-style-type: none"> <li>Concept of market targeting</li> <li>Strategies of targeting available to the marketer.</li> </ul>
	2 <sup>nd</sup>	6 <sup>th</sup> -10 <sup>th</sup>	2. Marketing Process	<b>Session :</b> Positioning the Product <ul style="list-style-type: none"> <li>Concept of Positioning</li> </ul>
	3 <sup>rd</sup>	13 <sup>th</sup> -17 <sup>th</sup>	2. Marketing Process	<b>Session:</b> Positioning the Product <ul style="list-style-type: none"> <li>Types of Positioning strategies used for different types of products</li> </ul>
JUNE	4 <sup>th</sup> +5 <sup>th</sup>	20 <sup>th</sup> -28 <sup>th</sup>	Communication skills(Part A)	<ul style="list-style-type: none"> <li>Introduction to Communication and its method.</li> <li>Types of communications</li> </ul>
JULY	1 <sup>st</sup>	1 <sup>st</sup> -5 <sup>th</sup>	Communication skills(Part A)	<ul style="list-style-type: none"> <li>Barriers of communication.</li> <li>7C's of communication</li> </ul>
	2 <sup>nd</sup>	8 <sup>th</sup> -12 <sup>th</sup>	3.Sales Process	<b>Session:</b> Prospecting
	3 <sup>rd</sup>	15 <sup>th</sup> -19 <sup>th</sup>	3.Sales Process	<b>Session:</b> Planning the Approach(Pre Approach) <ul style="list-style-type: none"> <li>Process of Planning a presentation</li> </ul>
	4 <sup>th</sup>	22 <sup>nd</sup> -26 <sup>th</sup>	3.Sales Process	<b>Session:</b> Handling Objection <ul style="list-style-type: none"> <li>Various method of Handling Objection</li> <li>Importance of Handling Objection</li> </ul>
	5 <sup>th</sup>	29 <sup>th</sup> -31 <sup>st</sup>	3.Sales Process	<b>Session:</b> Closing the Sale <ul style="list-style-type: none"> <li>Various ways of Closing the Sale.</li> </ul>
AUGUST	1 <sup>ST</sup> +2 <sup>nd</sup>	1 <sup>st</sup> -9 <sup>th</sup>	2. Self Management Skill	Meaning and importance of self-management
	3 <sup>rd</sup>	12 <sup>th</sup> -16 <sup>th</sup>	2. Self Management Skill.	The factors that help in building self-confidence.
	4 <sup>th</sup>	20 <sup>th</sup> -23 <sup>rd</sup>	3. ICT Skills	<ul style="list-style-type: none"> <li>Use of ICT in personal life and Workspace.</li> </ul>
	5 <sup>th</sup>	27 <sup>th</sup> -30 <sup>th</sup>	3.ICT Skills	<ul style="list-style-type: none"> <li>Various components of computer system.</li> </ul>
SEPTEMBER	1 <sup>st</sup>	2 <sup>nd</sup> -6 <sup>th</sup>		<b>( Practical exam )</b>
	2 <sup>nd</sup>	9 <sup>th</sup> -14 <sup>th</sup>		<b>Half Yearly</b>
	3 <sup>rd</sup>	18 <sup>th</sup> -21 <sup>st</sup>	4.Careers in Selling	<b>Session:</b> Challenges in Selling Career
	4 <sup>th</sup> +5 <sup>th</sup>	23 <sup>rd</sup> -30 <sup>th</sup>	4.Careers in Selling	<b>Session:</b> Skills in Selling and their Training

OCTOBER	1st+2nd	1 <sup>st</sup> -8th	4.Careers in Selling	<b>Session:</b> Role and Responsibilities of Salesmen
	3rd	14 <sup>th</sup> -18th	4.Careers in Selling	<b>Session:</b> After Sale Services
	4th	21 <sup>st</sup> -25th	Entrepreneurial Skills.	<ul style="list-style-type: none"> <li>• Various types of business activities.</li> <li>• Characteristics of entrepreneurship.</li> </ul>
	5 <sup>th</sup>	28 <sup>th</sup> -31st	Entrepreneurial Skills.	<ul style="list-style-type: none"> <li>• Functions of an entrepreneur</li> </ul>
NOVEMBER	2nd+3rd	8 <sup>th</sup> -14th	5. Skills in Selling	<b>Session : Soft Skills</b> <b>Session :Communication Skills</b>
	4th	18 <sup>th</sup> -22nd	5. Skills in Selling	<ul style="list-style-type: none"> <li>• Negotiation skill</li> <li>• Personal Etiquette and grooming</li> <li>• Ethical Behavior</li> </ul>
	5 <sup>th</sup>	25 <sup>th</sup> -29th	5.Green Skills	<ul style="list-style-type: none"> <li>• Factors influencing natural resource conversation.</li> <li>• Sustainable development goals</li> </ul>

<b>MARKETING AND SALES (412)</b> <b>Class X (Session 2024-25)</b> <b>HALF YEARLY</b> <b>Total Marks: 100 (Theory-50 + Practical-50)</b>			
	<b>UNITS</b>	<b>NO. OF HOURS for Theory and Practical 220</b>	<b>MAX. MARKS for Theory and Practical 100</b>
<b>Part A</b>	<b>Employability Skills</b>		
	Unit 1 : Communication Skills-II*	13	-
	Unit 2 : Self-Management Skills-II	07	5
	Unit 3 : ICT Skills-II	13	5
	<b>Total</b>	<b>33</b>	<b>10</b>
<b>Part B</b>	<b>Subject Specific Skills</b>		
	Unit 1: Sales with other functions-Introduction to Marketing Mix	20	10
	Unit 2: Market (Segmentation, Targeting and Positioning)	30	10
	Unit 3: Basic concept of Sales andselling	30	20
	<b>Total</b>	<b>80</b>	<b>40</b>
<b>Part C</b>	<b>Practical Work</b>		
	Project	50	10
	Viva		05
	Practical File		15
	Demonstration of skill competencyvia Lab Activities		20
	<b>Total</b>	<b>50</b>	<b>50</b>
	<b>GRAND TOTAL</b>	<b>200</b>	<b>100</b>

**Note:** \* marked units are to be assessed through Internal Assessment/ StudentActivities. They are not to be assessed in Theory Exams.

**M.G.M HIGHER SECONDARY SCHOOL, BOKARO STEEL CITY**

**SYLLABUS BREAKUP : SESSION – 2024 – 2025**

**SUBJECT: MATHEMATICS**

**CLASS : X**

Month	Chapter	Week/Date	No of periods in the week	Topics to be taught
March	Real numbers(15)	3 <sup>rd</sup> (11 <sup>th</sup> -15 <sup>th</sup> )	8	Introduction, Fundamental theorem of arithmetic
		4 <sup>th</sup> (18 <sup>th</sup> – 22 <sup>nd</sup> )	8	Revisiting irrational numbers. Proving irrationality
April	Polynomials(8)	1 <sup>st</sup> (1 <sup>st</sup> -5 <sup>th</sup> )	8	Introduction Geometrical meaning of polynomials Relation b/w zeroes and coefficients
		2 <sup>nd</sup> (8 <sup>th</sup> -12 <sup>th</sup> )	6	Pair of linear equations in two variables.. introduction. Graphical solution
		3 <sup>rd</sup> (15 <sup>th</sup> -19 <sup>th</sup> )	6	Algebraic solution , (substitution and elimination method)
	Quadratic Equations (15)	4 <sup>th</sup> (22 <sup>nd</sup> -27 <sup>th</sup> )	8	Word problems.
		5 <sup>th</sup> (29 <sup>th</sup> 30 <sup>th</sup> )	2	Introduction, Solution of quadratic equation by factorisation  Nature of roots
May	Quadratic Equations contd...	1 <sup>st</sup> (1 <sup>st</sup> -3 <sup>rd</sup> )	3	Nature of roots contd..
		2 <sup>nd</sup> (6 <sup>th</sup> -10 <sup>th</sup> )	8	Word problems.
		3 <sup>rd</sup> (13 <sup>th</sup> -17 <sup>th</sup> )	8	
June	Arithmetic Progression(10)	4 <sup>th</sup> (20 <sup>th</sup> -21 <sup>st</sup> )	2	Introduction, nth term of an AP , Sum of n-terms of an AP
		5 <sup>th</sup> (24 <sup>th</sup> -28 <sup>th</sup> )	8	Word problems
July	Triangles(15)	1 <sup>st</sup> (1 <sup>st</sup> -5 <sup>th</sup> )	8	Introduction, theorems
	Triangles contd...	2 <sup>nd</sup> (8 <sup>th</sup> -12 <sup>th</sup> )	8	Similar figure, similarity criterias of triangles
	Coordinate Geometry(15)	3 <sup>rd</sup> (15 <sup>th</sup> -19 <sup>th</sup> )	6	Distance Formula ,
		4 <sup>th</sup> (22 <sup>nd</sup> -26 <sup>th</sup> )	8	Section formula
		5 <sup>th</sup> (29 <sup>th</sup> -31 <sup>st</sup> )	3	Activities

August	Trigonometric Ratios(10)	1 <sup>st</sup> (1 <sup>st</sup> - 2 <sup>nd</sup> )	2	Trigonometric ratios, Ratio of specific angles   Trigonometric identities  Heights and Distances , word problems
		2 <sup>nd</sup> (5 <sup>th</sup> -9 <sup>th</sup> )	8	
	Trigonometric identities(10)	3 <sup>rd</sup> (12 <sup>th</sup> -16 <sup>th</sup> )	8	
	Heights and Distances(15)	4 <sup>th</sup> (20 <sup>th</sup> -23 <sup>rd</sup> ) 5 <sup>th</sup> (27 <sup>th</sup> -30 <sup>th</sup> )	6 5	
September	REVISION	1 <sup>st</sup> (2 <sup>nd</sup> -6 <sup>th</sup> )	8	Revision of first term portion
		2 <sup>nd</sup> and 3 <sup>rd</sup> (9 <sup>th</sup> - 20 <sup>th</sup> )	-----	EXAMINATION
	Circles(10)	5 <sup>th</sup> (23 <sup>rd</sup> -27 <sup>th</sup> )	8	Circles .theorems and applications.
October	Area related to circles(12)	1 <sup>st</sup> (1 <sup>st</sup> ,3 <sup>rd</sup> ,4 <sup>th</sup> )	4	Area related to circles (sectors and segments)
		2 <sup>nd</sup> (7 <sup>th</sup> ,8 <sup>th</sup> )	2	
		3 <sup>rd</sup> (14 <sup>th</sup> -18 <sup>th</sup> )	8	
	\Surface area and Volumes (12)	4 <sup>th</sup> (21 <sup>st</sup> -25 <sup>th</sup> ) 5 <sup>th</sup> (28 <sup>th</sup> 31 <sup>st</sup> )	8 5	Surface area of combination solids, Volume of combination solids
November	Statistics (18)	2 <sup>nd</sup> (8 <sup>th</sup> -9 <sup>th</sup> )	2	Calculation of mean  calculation of median Calculation of mode
		3 <sup>rd</sup> (11 <sup>th</sup> -14 <sup>th</sup> )	5	
		4 <sup>th</sup> (18 <sup>th</sup> -22 <sup>nd</sup> )	8	
	Probability (10)	5 <sup>th</sup> (25 <sup>th</sup> -30 <sup>th</sup> )	8	Probability a theoretical approach

**PORTION FOR HALF YEARLY EXAMINATION (9<sup>TH</sup> SEPTEMBER)**

**CHAPTERS**

- 1) REAL NUMBERS
- 2) POLYNOMIALS
- 3) PAIR OF LINEAR EQUATIONS IN TWO VARIABLES
- 4) QUADRATIC EQUATIONS
- 5) ARITHMETIC PROGRESSION
- 6) TRIANGLES
- 7) COORDINATE GEOMETRY
- 8) INTRODUCTION TO TRIGONOMETRY

## **PREBOARD (1)**

### **CHAPTERS**

- 9)APPLICATION OF TRIGONOMETRY
- 10)CIRCLES
- 11)AREAS RELATED TO CIRCLES
- 12)SURFACE AREA AND VOLUMES
- 13)STATISTICS
- 14)PROBABILITY

## **PREBOARD(2)**

ENTIRE SYLLABUS

### **PERIODIC TEST : 1 PORTIONS**

- 1) REAL NUMBERS
- 2) POLYNOMIALS
- 3) PAIR OF LINEAR EQUATIONS IN TWO VARIABLES
- 4) QUADRATIC EQUATIONS

### **PERIODIC TEST :2(NOVEMBER 25<sup>th</sup>)**

- 9)APPLICATION OF TRIGONOMETRY
- 10)CIRCLES
- 11)AREAS RELATED TO CIRCLES
- 12)SURFACE AREA AND VOLUMES

### **LIST OF ACTIVITIES:**

- 1) Geometrical meaning of quadratic polynomial
- 2) Consistency of pair of linear equations in two variables
- 3) Verifying a series of numbers in AP
- 4) Deriving formula for sum of first n terms of an AP
- 5) Verifying Basic Proportionality Theorem
- 6) Verifying Distance Formula
- 7) To show the length of tangents drawn to a circle from an external point are equal
- 8) To derive the formula of area of circle using sectors of a circle.
- 9) To derive the formula of CSA and TSA of a right circular cylinder using net of the solid.
- 10) ART INTEGRATED PROJECT BASED ON PAIRING STATE

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**MGM HIGHER SECONDARY SCHOOL, B.S.CITY**  
**SYLLABUS BREAK-UP YEAR 2024-2025**  
**CLASS – X**  
**SUBJECT – M.S.F**

YEAR/ MONTH	WEEK	CHAPTER NO.	CHAPTERS/TOPICS
2024 MARCH	2 <sup>nd</sup>	UNIT-1 (Part – B)	<u>WORKSHOP AND ENGINEERING SECTIONS</u> Session 1: Introduction of Engineering Drawing Instruments Session 2: Engineering Drawing (Orthographic and Isometric Projection)
	3 <sup>rd</sup>	UNIT-1 (Part – B)	Session 3: Safety precautions in Engineering workshop Session 4: Introduction to Engineering Measurement Instruments
	4 <sup>th</sup>	UNIT-1 (Part – B) UNIT-1 (Part – A)	Session 5: Types of G.I Pipe Fittings  <u>COMMUNICATION SKILLS-II</u> Session 1: Methods of Communication Session 2: Verbal Communication Session 3: Non-verbal Communication
2024 APRIL	1 <sup>st</sup>	UNIT-1 (Part – B)	Session 6: Welding Technique and Welding Joint Test
	2 <sup>nd</sup>	UNIT-1 (Part – A)	<u>COMMUNICATION SKILLS-II</u> Session 4: Communication Cycle and Importance of Feedback Session 5: Barriers to Effective Communication
	3 <sup>rd</sup>	UNIT-1 (Part – A)  UNIT-1 (Part – B)	Session 6: Writing Skills — Parts of Speech Session 7: Writing Skills — Sentences  <u>WORKSHOP AND ENGINEERING SECTIONS</u>  Session 7: Basic Techniques in Building Construction( Basic Concept of Construction)
	4 <sup>th</sup>	UNIT-1 (Part – B)	Session 8: Making of RCC Column
	5 <sup>th</sup>	UNIT-1 (Part – B)	Session 9: Costing of Construction
2024 MAY	1 <sup>st</sup>	UNIT-1 (Part – B)	Session 10: Plastering and Painting
	2 <sup>nd</sup>	UNIT-2 (Part – B)	<u>ENERGY AND ENVIRONMENT</u> Session 1: Introduction to Electrical Techniques and Practices
	3 <sup>rd</sup>	UNIT-2 (Part – A)	<u>SELF MANAGEMENT SKILLS – II</u> Session 1: Stress Management Session 2: Self-awareness — Strength and Weakness Analysis Session 3: Self-motivation
2024 JUNE	4 <sup>th</sup>	UNIT-2 (Part – B)	Session 2: Introduction to Electrical Pump, DOL Starter and Inverter

	5 <sup>th</sup>	UNIT-2 (Part – B)	Session 2: Introduction to Electrical Pump, DOL Starter and Inverter Session 3: Solar Energy
2024 JULY	1 <sup>st</sup>	UNIT-2 (Part – B)	Session 4: Demonstrate the Functioning and Operation of a Petrol or Diesel Engine Session 5: Bio Gas Concept and Use
	2 <sup>nd</sup>	UNIT-2 (Part – B)	Session 6: Water conservation Concept Session 7: Rainfall Measurement Method
	3 <sup>rd</sup>	UNIT-2 (Part – B)	Session 8: Land Survey Method
	4 <sup>th</sup>	UNIT-2 (Part – A)	<u>SELF MANAGEMENT SKILLS – II</u> Session 4: Self-regulation — Goal Setting
	5 <sup>th</sup>	UNIT-3 (Part – A)	<u>INFORMATION &amp; COMMUNICATION SKILLS – II</u> Session 1: Basic Computer Operations Session 2: Performing Basic File Operations
2024 AUGUST	1 <sup>st</sup>	UNIT-3 (Part – A)  UNIT-3 (Part – B)	Session 3: Computer Care and Maintenance Session 4: Computer Security and Privacy  <u>GARDENING, NURSERY AND AGRICULTURAL TECHNIQUES</u> Session 1 : Nursery Technique Session 2 : Irrigation and water conservation methods
	2 <sup>nd</sup>	UNIT-3 (Part – B)	Session 3 : Interpreting result of soil testing Session 4 : Introduction to dairy technology (Artificial Insemination)
	3 <sup>rd</sup>	UNIT-3 (Part – B)	Session 5: Prepare fodder for animals
	4 <sup>th</sup>	UNIT-4 (Part – B)	<u>PERSONAL HEALTH AND HYGIENE</u> Session 1: Balanced diet Session 2: Personal health & hygiene and community health & mental health
	5 <sup>th</sup>	Revision	Revision for Half Yearly Exam
2024 SEPTEMBER	1 <sup>st</sup>	Revision	Revision for Half Yearly Exam
	2 <sup>nd</sup>	EXAM	<b>Half Yearly Examination</b>
	3 <sup>rd</sup>	EXAM	<b>Half Yearly Examination</b>
	4 <sup>th</sup>	UNIT-4 (Part – A)	Session 3: Communicable & non-communicable diseases, vaccination, dehydration and emergency first aid
	5 <sup>th</sup>	UNIT-4 (Part – B)	Session 4: Blood and Blood group- Basic information and blood pressure and measuring hemoglobin
2024 OCTOBER	1 <sup>st</sup>	UNIT-4 (Part – B)	Session 5: Community health and environment care(Awareness programs for people with special needs and family health and health planning)
	2 <sup>nd</sup>	UNIT-4	Session 6: Pollution- sources, effects and solutions and

		(Part – B)	water quality testing
	3 <sup>rd</sup>	UNIT-4 (Part – A)	<u>ENTREPRENEURIAL SKILLS – II</u> Session 1: Entrepreneurship and Society
	4 <sup>th</sup>	UNIT-4 (Part – A)	<u>ENTREPRENEURIAL SKILLS – II</u> Session 2: Qualities and Functions of an Entrepreneur
	5 <sup>th</sup>	UNIT-4 (Part – A)	Session 3: Myths about Entrepreneurship Session 4: Entrepreneurship as a Career Option
2024 NOVEMBER	2 <sup>nd</sup>	UNIT-4 (Part – B)	Session 7: Food products(Handling of food products, Perishable and non- perishable food, packed and loose food and fresh and stale food products)
	3 <sup>rd</sup>	UNIT-4 (Part – A)	<u>GREEN SKILLS – II</u> Session 1: Sustainable Development Session 2 : Our Role in Sustainable Development
	4 <sup>th</sup>	Revision	<b>Revision</b>
	5 <sup>th</sup>	Revision	<b>Completion of Syllabus &amp; Revision</b>

**PORTION OF EXAM WITH MARKS WEIGHTAGE FOR  
YEAR 2023-2024**

EXAM		CHAPTER NO.	NAME OF CHAPTER	MARKS WEIGHTAGE
HALF	PART - A	UNIT - 1	COMMUNICATION SKILLS - II	4
		UNIT – 2	SELF MANAGEMENT SKILLS – II	4
		UNIT – 3	INFORMATION & COMMUNICATION SKILLS – II	2
			<b>TOTAL</b>	<b>10</b>
	PART –B	UNIT – 1	WORKSHOP AND ENGINEERING SECTIONS	20
		UNIT – 2	<u>ENERGY AND ENVIRONMENT</u>	20
			<b>TOTAL</b>	<b>40</b>
ANNUAL	PART - A	UNIT - 1	COMMUNICATION SKILLS - II	2
		UNIT – 2	SELF MANAGEMENT SKILLS – II	2
		UNIT – 3	INFORMATION & COMMUNICATION SKILLS – II	2
		UNIT – 4	ENTREPRENEURIAL SKILLS – II	3
		UNIT – 5	GREEN SKILLS – II	1
			<b>TOTAL</b>	<b>10</b>
	PART - B	UNIT – 1	WORKSHOP AND ENGINEERING SECTIONS	8
		UNIT – 2	<u>ENERGY AND ENVIRONMENT</u>	8
		UNIT – 3	<u>GARDENING, NURSERY AND AGRICULTURAL TECHNIQUES</u>	12



		UNIT – 4	<u>PERSONAL HEALTH AND HYGIENE</u>	12
			<b>TOTAL</b>	<b>40</b>
	PART - C	PRACTICAL WORK	<u>PRACTICAL EXAMINATION</u>	15
				15
			<u>PROJECT</u>	10
			<u>VIVA VOCE</u>	
			<b>TOTAL</b>	<b>40</b>
	PART - D	STUDENT PORTFOLIO	PRACTICAL FILE / STUDENT PORTFOLIO	<b>10</b>

**MGM HIGHER SECONDARY SCHOOL, B S CITY**  
**YEAR PLAN WITH MONTHLY PLAN 2024-25**  
**CLASS – X**  
**SUBJECT- PHYACTIVITY TRAINER (418)**

MONTH	PERIODS	TOPIC/TOPIC NAME
April	6pds	<b>Unit.-1. Role and responsibility of an early years physical activity facilitator.</b>  <b>1.1. Identify roll and responsibilities of a physical activity facilitator</b> <b>1.2. Describe the various activities to be conducted by the physical activity facilitator you</b>  <b>1.3. Conduct school assembly and parent teacher meeting.</b>
May		Employability skills Unit-1. Communication skills -II
AND	8pds	TEXT BOOK UNIT- 2. Assessment and evaluation of students
JUNE		2.1. Describe the various types and tools of assessment 2.2. prepare assessment report and provide feedback.
July	5pds	
And		Employability skills UNIT -2. Self management skills- II
August		Text Book UNIT-3. Free play 3.1. Describe the importance and purpose of free play
September	5pds	
		<b>Half yearly exam portion</b> <b>Text book- unit 1 and unit 2</b> <b>Employability skills – unit 1 and unit 2</b>
OTOBER	5pds	3.2. Organise free play activities. 3.3. Demonstrate the knowledge and rehabilitation through free play.
		Employability skills Unit -3. Information and communication technology skill -II
		Unit -4. Entrepreneurial skills -II
NOVEMBER	5pds	Unit -5. Green skills -II
	6 pds	Text book  Unit-4. Monitoring and inventory management  4.1. Describe the process of inventory management. 4.2. manage props and equipments.
DECEMBER		Revision
		Pre board
JANUARY		2 <sup>nd</sup> pre board and final practical exam
February		
		<b><u>Board Exam</u></b>

**Portion for HALF YEAR EXAMINATION:**

TEXT BOOK- UNIT-1 AND UNIT 2

EMPLOYABILITY SKILLS –

UNIT 1 AND UNIT 2

1<sup>ST</sup> PRE BOARD –

TEXT BOOK – UNIT 3 AND UNIT-4

EMPLOYABILITY SKILLS – UNIT – 3,4,and 5.

2<sup>nd</sup> PRE-BOARD– entire syllabus .

MARKS BREAK- UP

Employability skills – 10 marks (4 marks objective and 6 marks subjective)

\*4 questions out of 6 questions 1 mark each.

\*3 questions out of 5 questions 2 marks each.

Text Book - 40 marks ( 20 marks objective + 20 marks subjective )

20 marks objective divided in 4 parts

5 questions out of 6 questions 1 mark each in each part.

20 mark subjective – 4 questions out of 6 questions of 2 each (total -8 marks.)

3 questions out of 5 questions of 4 marks each. (total marks- 12 )

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**M.G.M.HIGHER SECONDARY SCHOOL, B.S.CITY**  
**SYLLABUS BREAK-UP YEAR-2024-2025**  
**CLASS:X**

**SUBJECT: SOCIAL SCIENCE [POLITICAL SCIENCEAND GEOGRAPHY]**

Month	Week	Chapter No.	Chapter Name/Topic
March	3 <sup>rd</sup> (11-15)	1-Political Science	<b>Power Sharing</b> Belgium and Sri Lanka, Majoritarianism in Sri Lanka
	4 <sup>th</sup> (18-22)		Accommodation in Belgium ,Forms of Power Sharing
	5 <sup>th</sup> (25-29)		
April		1-Geography	<b>Resources and Development</b>
April	1 <sup>st</sup> ( 1-5)		Types of Resources, Resources Planning in India & Conservation of Resources
	2 <sup>nd</sup> (8-12)		Land Resource, Land Utilization and Land use pattern in India;
	3 <sup>rd</sup> (15-19)	3-Geography	Land degradation and conservation measures, Soil as a Resource- Classification of Soils, Soil Erosion and Soil Conservation
	4 <sup>th</sup> ( 22-26)		
	5 <sup>th</sup> (29-30)		
May	1 <sup>st</sup> (1-3)		<b>Forest &amp; Wildlife</b>
	2 <sup>nd</sup> (6-10)		Conservation of forest and Wildlife in India  Types and distribution of forest and wildlife resources

May	3 <sup>nd</sup> (13-18)		Community and Conservation  Federalism  What is federalism?  What makes India a federal country
June	4 <sup>th</sup> (20-22)	2 - Political science	How is federalism practiced in India. Decentralisation in India
	5 <sup>th</sup> (24-28)	4 – Political Science	Gender Religion & Caste Gender & Politics Public Private Division Womens political representation
July	1 <sup>st</sup> (1-5)	4-Political Science	Religion, Communalism and Politics, Secular State
	2 <sup>nd</sup> (8-12)		Caste and Politics-Caste Inequalities, Caste in Politics , Politics in Caste

	3rd <sup>(15- 19)</sup>  4 <sup>th</sup> (22-26) & 5 <sup>th</sup> (29-31)	3- Geography	<b>Water Resources</b> <b>Water scarcity and the need for water conservation and management</b> <b>Multipurpose river projects and integrated water resources management</b> <b>Rainwater harvesting</b>
Aug	1 <sup>st</sup> (1-2)	<b>Agriculture; Typefarming</b>	
		Types of farming, Cropping pattern	
	2 <sup>nd</sup> (5-9)	Major Crops; technological and institutional reforms;	
		Contribution of Agriculture to national economy, employment and output	
	3 <sup>rd</sup> (12-16)		
Aug	4 <sup>th</sup> (20-23)	<b>Minerals and Energy Resources;</b>	
		Types of Minerals, Mode of occurrence of minerals-Where are minerals found? Ferrous Minerals, Non Ferrous Minerals	
Sep	5 <sup>th</sup> (27-31)	Distribution (Note :on map only) use and economic importance of minerals, conservation, Types of power resources: Conventional and non-conventional, Conservation of Energy Resources	
	1 <sup>st</sup> (2-7)	<b>Political Parties</b>	

		Why do we need Political Parties? How many Parties should we have? National political parties/State political parties
	5 <sup>th</sup> ( 23-28)	Challenges to Political parties, Reforms

Oct.	1st (1-4) 2 <sup>nd</sup> ( 7-8)	6-Geography	<b>Manufacturing Industries:</b> Importance of Manufacturing, Contribution of industries to the national economy,
	3 <sup>rd</sup> (14-18)		Industrial Location Classification of industries
	4 <sup>th</sup> (21-25)		Agro-based industries, mineral based industries, IT and Electronic industries, Industrial pollution and degradation of environment, Measure to control degradation
	5 <sup>th</sup> (28-31)		<b>Life Lines of National Economy:</b>  Importance of means of communication, Importance of transportation (Roadways, Railways, Waterways, Sea Ports, Airways),
	Nov.	2 <sup>nd</sup> (4-9)	7-Political science

	3rd (11-16)		<b>Outcome of Democracy :</b>
	4 <sup>th</sup> (18-22)		Economic growth and Development, Reduction of inequality and poverty,



	5 <sup>th</sup> ( 25-30)		Accommodation of social diversity ,Dignity and freedom of citizens
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### **PORTION FOR EXAMINATIONS**

**FIRST PERIODIC 1. Power sharing 2. Federalism 3. Gender Religion and Caste 4. Resources and Development 5. Forest and Wildlife**

#### *TERM 1:*

POLITICAL SCIENCE	GEOGRAPHY
1. POWER SHARING	1.RESOURCES AND DEVELOPMENT
2. FEDERALISM	2.FOREST AND WILDLIFE
3. GENDER,RELIGION AND CASTE	3.WATER RESOURCES
	4.AGRICULTURE

#### *Second Periodic*

POLITICAL SCIENCE	GEOGRAPHY
1. POWER SHARING	1.RESOURCES AND DEVELOPMENT
2. FEDERALISM	2.FOREST AND WILDLIFE
3. GENDER,RELIGION AND CASTE	3.WATER RESOURCES
4. POLITICAL PARTIES	4.AGRICULTURE
	5. MINERALS AND ENERGY RESOURCES

### **PRE BOARD 1 & PRE BOARD 2 (ENTIRE SYLLABUS)**

**M.G.M. HIGHER SECONDARY SCHOOL, B.S.CITY**

**Month wise syllabus of Sanskrit Class 10 (2024-25)**

Month	Week	Chapter no	Chapter name
March	3rd	व्याकरणम्	अव्ययः
	4th	मणिका भाग 2 पाठ 1 व्याकरणम्	वाङ्मयं तपः घटिका
	5th	मणिका पाठ 1	वाङ्मयं तपः
April	1st	मणिका पाठ 1 व्याकरणम् – सन्धिः	वाङ्मयं तपः स्वर सन्धिः – वृद्धिः , यण्
	2nd	मणिका पाठ 2 व्याकरणम् – सन्धिः	नास्ति त्यागसमं सुखम् स्वर सन्धिः – अयादि , पूर्वरूप व्यंजन– परसवर्णः ( अनुस्वारस्थाने पंचमवर्णस्य प्रयोगः )
	3rd	मणिका पाठ 2 व्याकरणम् – सन्धिः	नास्ति त्यागसमं सुखम् व्यंजन – तुगागमः , वर्गीयप्रथमक्षराणां तृतीयवर्णे परिवर्तनम् । विसर्ग सन्धिः – विसर्गस्य उत्त्व
	4th	मणिका पाठ 3 व्याकरणम् – सन्धिः	रमणीया हि सृष्टिः एषा विसर्ग सन्धिः – विसर्गस्य उत्त्व , रत्त्व,

			विसर्गलोपः , विसर्गस्य स्थाने स् ,श् ,ष्
	5th	मणिका पाठ 3	रमणीया हि सृष्टिः एषा
MAY	1st	मणिका पाठ 3 व्याकरणम् — समासः	रमणीया हि सृष्टिः एषा अव्ययीभावः
	2nd	मणिका पाठ 4 व्याकरणम् — समासः	आज्ञा गुरुणां हि अविचारणीया द्वन्द्वः
	3rd	मणिका पाठ 4 व्याकरणम् — समासः	आज्ञा गुरुणां हि अविचारणीया तत्पुरुषः — विभक्तिः तत्पुरुषः
June	4th	मणिका पाठ 5 व्याकरणम् — समासः	अभ्यासवशगं मनः तत्पुरुषः — नञ् , उपपदः
	5th	मणिका पाठ 5 रचनात्मक—लेखनम्	अभ्यासवशगं मनः 1 पत्र—लेखनम् , 2 चित्र—लेखनम् / अनुच्छेद—लेखनम्
July	1st	मणिका पाठ 5 रचनात्मक—लेखनम् अपठित अवबोधनम्	अभ्यासवशगं मनः संवादपूर्तिः / कथापूर्तिः अपठित गद्यांशम्
	2nd	मणिका	

		पाठ 6 व्याकरणम् – प्रत्ययाः	राष्ट्रं संरक्ष्यमेव हि तद्धित प्रत्यय– मतुप्
	3rd	मणिका पाठ 6 व्याकरणम् – प्रत्ययाः	राष्ट्रं संरक्ष्यमेव हि तद्धित प्रत्यय– ठक्
	4th	मणिका पाठ 6 व्याकरणम् – प्रत्ययाः	राष्ट्रं संरक्ष्यमेव हि तद्धित प्रत्यय– त्व , तल्
	5th	मणिका पाठ 6 व्याकरणम् – प्रत्ययाः	राष्ट्रं संरक्ष्यमेव हि स्त्री प्रत्यय – टाप् , डीप्
August	1st	मणिका पाठ 7 व्याकरणम्	साधुवर्त्तिं समाचरेत् वाच्यः
	2nd	मणिका पाठ 7 व्याकरणम्	साधुवर्त्तिं समाचरेत् वाच्यः
	3rd	मणिका पाठ 7 व्याकरणम्	साधुवर्त्तिं समाचरेत् वाच्यः
	4th	मणिका पाठ 1 पाठ 2 व्याकरणम्	वाङ्मयं तपः नास्ति त्यागसमं सुखम् अशुद्धि–संशोधनम्
	5th	व्याकरणम्	अशुद्धि–संशोधनम्

September	1st	मणिका पाठ 3 (पुनरावृत्ति) पाठ 4(पुनरावृत्ति) व्याकरणम् – सन्धिः	रमणीया हि सृष्टिः एषा आज्ञा गुरुणां हि अविचारणीया (पुनरावृत्ति)
	2nd	मणिका पाठ 5 (पुनरावृत्ति) व्याकरणम् सम्पूर्णम्	अभ्यासवशगं मनः (पुनरावृत्ति)
		अर्धवार्षिक परीक्षा	
October	1st	मणिका पाठ 8	तिरुक्कुरल– सूक्ति– सौरभम्
	2nd	मणिका पाठ 8	तिरुक्कुरल– सूक्ति– सौरभम्
	3rd	मणिका पाठ 9 व्याकरणम् – प्रत्ययाः	सुस्वागतं भो! अरुणाचलेऽस्मिन् (पुनरावृत्ति)
	4th	मणिका पाठ 9 व्याकरणम् – वाच्यः	सुस्वागतं भो! अरुणाचलेऽस्मिन् (पुनरावृत्ति)
	5th	मणिका पाठ 9 व्याकरणम् – समयः अशुद्धि–संशोधनम्	सुस्वागतं भो! अरुणाचलेऽस्मिन् (पुनरावृत्ति)
November	1st	मणिका	

		पाठ 10 रचनात्मक—लेखनम्	कालोऽहम् (केवलं आन्तरिकमूल्यांकनाय) (पुनरावृत्ति)
	2nd	मणिका पाठ 10 रचनात्मक—लेखनम्	कालोऽहम्(केवलं आन्तरिकमूल्यांकनाय) (पुनरावृत्ति)
	3rd	मणिका पाठ 11 समास – द्वन्द्वः अव्ययीभावः	किं किम् उपादेयम् (केवलं आन्तरिकमूल्यांकनाय) (पुनरावृत्ति)
	4th	मणिका पाठ 11 व्याकरणम् व्यंजनसन्धिः	किं किम् उपादेयम् (केवलं आन्तरिकमूल्यांकनाय) (पुनरावृत्ति)