



MIS INTERNATIONAL SCHOOL

Yearly Planner 2023-24

Compulsory Marathi

Grade: 9

Subject: Marathi

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	१. आकाशातील चंद्रा (कविता)	कविता तालासुरात म्हणणे. नव नवीन गोष्टी शिकावे.	प्रश्न उत्तरे	९
	समान अर्थाचे शब्द	शब्दाचे अर्थ समजणे.	जोड्या लावा.	
	विरुद्ध अर्थाचे शब्द	शब्दाचे अर्थ समजणे.	जोड्या लावा.	
June	२. घराचा डबा	घरच्या व स्वच्छ जेवणाचे फायदे. उघड्यावरचे, धूळ, घाण, माश्या बसलेले अन्न खावू नये.	कोणत्याही ५ पौष्टिक पदार्थांची नावे लिहा.	१०
	नाम	वाक्यातील नाम ओळखण्यास सक्षम असतील.	वाक्यातील नाम ओळखणे.	
	३. पावसात भिजूया! (कविता)	कवितेचा भावार्थ समजावणे. नवीन शब्द समजतात.	पावसाळाबद्दल वर्णन पाच वाक्यात लिहा	
	वचन बदला	एक वचन व अनेक वचन समजणे.	वचन बदलता येणे.	

	अंक १ ते १०.	मराठी अंक लिखाण व उच्चारण समजतात.	अंक ओळखून अक्षरात लिहा.	
July	सर्वनाम	वाक्यातील सर्वनाम ओळखण्यास सक्षम असतील.	वाक्यातील सर्वनाम ओळखणे.	१२
	४.हिरवा घोडा	बिरबलाचे चातुर्य समजणे.	प्रश्न आणि उत्तरे	
	५.सोनलची फुलदाणी	रागावर नेहमी नियंत्रण ठेवावे.	वेगवेगळी फुले गोळा करून फुलांची फुलदाणी बनवणे.	
	जोडशब्द	वाचणे आणि लिहिणे	वाचणे आणि लिहिणे	
August	६. गीत गाऊ (अभिनय गीत)	कवितेचा अर्थ समजून कविता तालासुरात म्हणणे.	कोणतेही अभिनय करून दाखवणे.	१०
	७. चित्र वर्णन	चित्र बदल माहिती सांगणे.	चित्र पाहून त्याचे वाक्यात वर्णन करणे व लिहिणे.	
	८.एकदा (कविता)	ज्याला जे जमते त्याने ते करावे.	कविता तालासुरात म्हणणे.	

	वाक्प्रचार व त्याचे अर्थ	वाक्याचा अर्थ समजणे.	वाक्यात उपयोग करा.	
September	Revision + Term I Exams			
October	९.तीन मासे	सुज्ञ व समयोजित निर्णय तुमचे नशीब बदलू शकतात.	चित्र पहा आणि इंग्रजी नावासमोर मराठीत नवे लिहा.	८
	क्रियापद	वाक्यातील केकेली क्रिया(action) ओळखणे.	वाक्यातील क्रीयापदाखाली रेघ ओढा.	
	१०. कौमुदीचा चौकोन (कविता)	चुकां मधून शिकणे.	वेगवेगळे आकार काढून रंगवणे.	
November	विविध आकार आणि आकारातून चित्र	वर्तुळ, लंबगोल, आयात व त्रिकोणातून निर्माणे होणारे चित्र समजणे.	विविध आकारातील चित्र रंगविणे.	१०
	११. दिवाळी	दिवाळी सणाविषयी माहिती होणे.	आकाशदिवा बनवणे.	
	लिंग	नामाचे लिंग याबद्दल माहिती होते.	नामावरून तसेच सर्वनामावरून लिंगाची माहिती होते.	
	अंक ११ ते २०	मराठी अंक लिखाण व उच्चारण समजतात.	अंक ओळखून अक्षरात लिहा.	
	म्हणी व त्यांचे अर्थ	म्हणींचा अर्थ समजणे	मुले म्हणींचा वाक्यात उपयोग करतात.	

December				
	१२.रामूचा ट्रक्टर	मैत्रीची ओळख करणे	मैत्रीवरून एखादी गोष्ट सांगणे	१०
	१३. मुल्लाची जादू	युक्तीने काम करावे.	विद्यार्थी मधील सद्गुणांचा विकास करणे.	
	अंक २१ ते ५०	मराठी अंक लिखाण व उच्चारण समजतात.	अंक ओळखून अक्षरात लिहा.	
January	१४.गोष्ट पूर्ण करा. गाढवाची फजिती	कंसातील शब्द वापरून गोष्ट पूर्ण करणे.	धड्यातील पाच वाक्य लिहा.	१२
	१५.माझा महाराष्ट्र	महाराष्ट्रा विषयी माहिती सांगून त्याचे महत्व पटवून देणे.	महाराष्ट्रातील थोर व्यक्तींचे चित्र चिटकविणे.	
	१६. मुद्यांवरून कथा	मुद्दे वाचून कथा तयार करणे.	कथेला छानसे नाव देणे.	
February	विशेषण	विशेषणाची(Adjective) माहिती होणे.	जोड्या जुळवा.	२
	१७. धबधबा (कविता)	कविता तालासुरात म्हणणे.	शब्द कोडे सोडवा.	
	Revision			
March	Annual Exams			

NOTE: PT1 includes chapters4.....

HY includes PT1 + chapters4+4.....

PT2 includes chapters4.....

Annual Exam includes PT2 + chapters4+3.....



MIS INTERNATIONAL SCHOOL

Yearly Planner (2023-24)

Grade: IX

Subject: Science

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	Chapter 7. Motion	<ul style="list-style-type: none"> Understand that rest and motion are relative Understand and evaluate the numerical value of different quantities and also associate it with their units. Understand and evaluate speed, acceleration and distance from various graphs. Evaluate speed in circular motion Represent motion of given situation in graphical manner 	<ul style="list-style-type: none"> Recognition of the apparatus in the lab. Demonstrations of motion concepts experimentally Numericals based on motion 	10
	Chapter 5. The Fundamental Unit of Life	<p>Learners will be able to-</p> <ul style="list-style-type: none"> analyse the history behind discovery of cells interpret the importance of types of cells differentiate between prokaryotic and eukaryotic cell explain the structure and functions of plasma membrane 	<ul style="list-style-type: none"> To prepare stained temporary mounts of: (a) onion peel and (b) human cheek cells and to record observations and draw their labeled diagrams. 	10

		<ul style="list-style-type: none"> • explain the structure and functions of different organelles • differentiate between diffusion and osmosis with daily based examples 		
	Chapter 1. Matter In Our Surroundings	<ul style="list-style-type: none"> • define matter with examples from day today life and state the composition of matter. • reason out the differences between the various states of matter on the basis of rigidity, fluidity, compressibility, density, i.e, shape, density, diffusion etc. • analyse the difference between evaporation and boiling. • explain terms related:- melting , freezing ,boiling ,condensation and sublimation. 	<ul style="list-style-type: none"> • To determine the melting point of ice and boiling point of water. • Separation of substances from a mixture of sand, soil, Ammonium chloride 	8
July	Chapter 2. Is Matter Around Us Pure?	<ul style="list-style-type: none"> • Classify substances as pure and impure substances. • Analyse the differences in the properties of elements, compounds and mixtures. • Classify elements as metals, non-metals and metalloids based on their general physical properties. • Classify mixtures as homogeneous and heterogeneous mixtures • Analyse the differences in physical and chemical changes • Analyse the characteristics of true 	<ul style="list-style-type: none"> • To separate the components of a mixture of ammonium chloride, common salt and sand by sublimation. • To prepare a mixture and a compound and study their properties • To study the following chemical reactions- displacement 	10

		<p>solution and various types of true solution</p> <ul style="list-style-type: none"> • Classify solutions as true solution, suspension and colloid on the basis of properties shown by them • Explain Tyndall effect with examples from day today life. 	<p>reaction and double displacement reaction, combination reaction and decomposition reaction.</p> <ul style="list-style-type: none"> • To prepare a true solution, suspension and colloid and differentiate them on the basis of transparency, stability and filtration criteria. 	
	<p>Natural Resources (<i>ONLY FOR INTERNAL ASSESSMENT</i>)</p>	<ul style="list-style-type: none"> • Signify the importance of various natural resources • Explain the various modes of polluting the resources • Classify the different pollutants of water and soil • Differentiate between various agents of weathering • Explain the biogeochemical cycles and their roles • Correlate oxygen and ozone • Explain stability of oxygen in comparison to ozone • Differentiate between ozone depletion and ozone formation 	<ul style="list-style-type: none"> • Diagrammatic representations of various biogeochemical cycles. 	10

August	Chapter 8. Force And Laws of Motion	<ul style="list-style-type: none"> • Differentiate between balanced and unbalanced forces • Evaluate the numerical value of force and momentum. • Explain the laws of motion in various situations. • Calculate change in momentum in different situations 	<ul style="list-style-type: none"> • To demonstrate the inertia of rest of a coin. • To study Newton's third law of motion. 	10
	Chapter 12. Improvement In Food Resources	<ul style="list-style-type: none"> • Recall genetically modified crops • Interpret importance of hybridization • Differentiate between irrigation and watering • Interpret the cropping patterns in a field • Understand importance of crop maintenance • Explain organic system plans, plant pests and their control • Understand the importance of pesticides and fertilizers • Explain the importance of animal farming • Understand the importance of poultry • Explain hybridization and its advantages • Differentiate between capture fishing and fish culturing • Analyze types of fishing environment and their existence • Interpret utility of honey 	<ul style="list-style-type: none"> • Collect grains/seeds of cereals, pulses and oil seeds and gather information about the seasons in which they are sown and harvested. 	9

September	Chapter 9. Gravitation	<ul style="list-style-type: none"> • Calculate change in momentum in different situations • Evaluate the numerical value of g at different places like earth and moon. • Calculate the weight of a given object on the moon and earth. • Solve numerical problems based on thrust and pressure. • Calculate the density of a given solid. • Understand if the object will float or sink on the basis of relative density. 	<ul style="list-style-type: none"> • To determine density of solid by using a spring balance and a measuring cylinder • To establish the relation between the loss in weight of a solid when fully immersed in (a) tap water (b) strongly salty water, with the weight of water displaced by it by taking at least two different solids • To observe and compare the pressure exerted by a cuboid while resting on its three different faces 	9
	Revision + Term 1 Exams			
October	Chapter 3. Atoms And Molecules	<ul style="list-style-type: none"> • State the laws of chemical combination. • Analyse the importance and interdependence of both the laws. • Give explanation to the postulates of 	<ul style="list-style-type: none"> • To verify the law of conservation of mass. • Revision of 	10

		<p>dalton's atomic theory.</p> <ul style="list-style-type: none"> • Differentiate between an atom and a molecule. • Write atomicity for similar and dissimilar elements. • Define unified mass, relative atomic mass and give reason for the use of c-12 as standard for atomic mass. • Comprehend the constituting elements in a compound and their combination on the basis of their mass ratios. • Differentiate between an atom and an ion. • Define and write examples of cations, anions and polyatomic ions. • Calculate the molecular mass and molar mass. • Apply the concept of mole in terms of mass and number of particles 	<p>numericals on laws of chemical combination.</p>	
	Chapter 6. Tissues	<ul style="list-style-type: none"> • interpret various types of tissues • differentiate between meristematic and permanent tissues • locate different tissues in the plant body • locate various animal tissues in the living organisms • correlate various animal tissues and their functions 	<ul style="list-style-type: none"> • Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals from prepared slides. 	9

			Drawing of their labeled diagrams.	
November	Chapter 10. Work And Energy	<ul style="list-style-type: none"> • Understand the meaning of work according to science • Comprehend various examples showing transformation of energy. • Derive expression of KE and PE. • Understand different types of energy. 	<ul style="list-style-type: none"> • To establish the relation between the loss in weight of a solid when fully immersed in (a) tap water (b) strongly salty water, with the weight of water displaced by it by taking at least two different solids 	10
December	Chapter 4. Structure of The Atom	<ul style="list-style-type: none"> • Analyze Thomson's model of an atom • Compare the properties of the subatomic particles. • Explain the observations of the alpha scattering experiment • Explain Bohr's model of an atom and critically analyses by comparing with the previous proposed models of atom. • Write the electronic configurations of the first twenty elements and ions formed by them excluding the noble gases. • Comprehend the meanings of atomic number and mass number and try to represent the element with them. • Analyze the difference between isotopes 	<ul style="list-style-type: none"> • Making a chart of first 20 elements of the periodic table • Making models of atoms of different elements • Revision of numericals on mole concept. 	10

		and isobars with examples. • Compare the number of subatomic particles of various isotopes of the same element. • Write electronic configuration of the various isotopes of the same element. • Calculate the average atomic mass of the isotopes and give an explanation for fractional atomic masses.		
January	Chapter 11. Sound	• Understand how the sound is produced and propagated • Understand different types of waves and their characteristics • Know about condition that is required for echo to take place • Understand the concept of ultrasound • List the applications of ultrasound • Calculate the distance using the concept of sonar • Explain working of human ear	• To determine velocity of a pulse propagated through a stretched string/slinky • To verify laws of reflection of sound	9
February	Revision			
March	Annual Exams			

Syllabus		
PT -1	Ch -7	40 Marks

	Ch - 1 Ch -5	
Half yearly	Ch - 7 Ch - 8 Ch - 1 Ch - 2 Ch - 5 Ch - 12	80 Marks
PT -2		80 Marks
Annual Exam		80 Marks



MIS INTERNATIONAL SCHOOL

Yearly Planner (2023-24)

Grade: IX

Subject: German

Month	Course Description	Learning Outcome	Activities	No. of Periods
April	1. Allein zu Hause	<ul style="list-style-type: none">Students will be able to plan any event eb birthday party	<ul style="list-style-type: none">Students can make sentences with “wenn”, zu+Infinitiv.	20
June	1. Allein zu Hause	<ul style="list-style-type: none">Students will be able to give a suggestion	<ul style="list-style-type: none">Students will be able to make sentences with brauchen+.....zu+Infinitiv, während+ Genitiv.	19
July	2. Wir kaufen nichts	<ul style="list-style-type: none">Students can make sentences with subordinate clause “um....zu”Student will be able to make sentences with “damit”. They will be able to make the texts grammatically correct.	<ul style="list-style-type: none">To write a text using “um....zu” and “damit”.	15

August	2. Wir kaufen nichts	<ul style="list-style-type: none"> To follow a timeline and describe an event To give reasons for one's actions and decisions 	<ul style="list-style-type: none"> To make sentences with "damit". 	18
September	Revision HY SYLLABUS L1 & L2			
October	3. Das würde ich nie tun	<ul style="list-style-type: none"> Students can frame questions with "Wo(r)" + Preposition. Student can make use of da(r) + preposition. 	Framing questions using "Wo (r)+ Preposition. Making use of da (r)+ Preposition in a sentences.	15
November	3. Das würde ich nie tun	<ul style="list-style-type: none"> Students can make use of Konjunktiv-II: "würde"+infinitive To ask for someone's opinion and give one's own opinion To agree or disagree 	<ul style="list-style-type: none"> Framing sentences with "würde+ Infinitiv." Students can write short dialogues making use of the articles and nouns in Genetive Question word "Wo(r)" + Preposition Pronouns "da(r)" + Preposition 	15
December	4. Hamburg! Wir kommen	<ul style="list-style-type: none"> Student will know Hamburg. Students will know how to give tips and suggestion by 	<ul style="list-style-type: none"> Students will conjugate the verb "sollen" in Konjunktiv II. Will frame tips using sollen. Writing sentences using "bevor" and "während" 	15

		using Konjunktiv II: sollte+Infinitiv. • Students will be able to tell what is happening simultaneously and chronologically by using “bevor” and “während”.	• Subjunctive II: “sollen”	
January	5. Ende gut alles gut	• Students able to give reason. • They express their likes and dislikes.	Causal preposition “wegen”+ Genitive • Double barrel conjunction: “zwar...aber” • Relative clause: relative pronouns in Nominative, Accusative and Dative	20
February	Revision ANNUAL SYLLABUS Whole syllabus			12
March	Exam			



MIS INTERNATIONAL SCHOOL
Yearly Planner (2023-2024)

Grade: 9

Subject: Marathi

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	१ सर्वात्मका शिवसुंदरा	<ul style="list-style-type: none">प्रार्थनेतून अंधारातून उजेडाकडे नेण्याची व संकटाला सामना करण्याची शक्ती मिळते.प्रार्थना तालबद्ध पद्धतीने म्हणता येणे.प्रार्थनेचा भावार्थ समजला पाहिजे.	<ul style="list-style-type: none">कविता ताला सुरात म्हणून घेतली	19
	२ संतवाणी (आ)संतकृपा झाली	<ul style="list-style-type: none">अभंगातील भावार्थ समजला पाहिजे.विद्यार्थीना महाराष्ट्रातील संस्कृती, संत, अभंग याची जाणीव करून देणे.	<ul style="list-style-type: none">संतांचे कार्य समाजासाठी कसे उपयुक्त आहे हे त्या संताची माहिती सांगून पटवून द्या.	
	व्याकरण- नाम, सर्वनाम	<ul style="list-style-type: none">नाम, सर्वनाम व त्याचे प्रकार	<ul style="list-style-type: none">नामांची अंताक्षरी घेणे.	
June	३ बेटा मी ऐकतो आहे	<ul style="list-style-type: none">स्वतःचे विचार सुस्पष्टपणे मांडता येतात.पाठ्यपुस्तक आणि त्याच्याशी संबंधित इतर साहित्यांत आलेल्या नैसर्गिक, सामाजिक आणि इतर संवेदनशील मुद्द्यांना समजून घेऊन त्यावर चर्चा करतात.	<ul style="list-style-type: none">पाठ वाचन घेणे.	19

	४ जी.आय.पी.रेल्वे	<ul style="list-style-type: none"> १८५३मध्ये सुरु झालेल्या रेल्वे प्रवास याचे सुंदर, मार्मिक व ओघवत्या शैलीतील वर्णन मुलांना समजणे. सार्वजनिक ठिकाणच्या सूचना समजपूर्वक वाचून त्याबाबत योग्य विचार करतात. 	<ul style="list-style-type: none"> आधुनिक साधनापैकी कोणत्याही एका साधना चा इतिहास जाणून माहिती सांगा. 	
	व्याकरण- विशेषण, क्रियापद	<ul style="list-style-type: none"> विशेषण, क्रियापद, वाक्य व त्याचे प्रकार 	<ul style="list-style-type: none"> चिट्टीत आलेल्या विशेषणाचे वाक्य बनवून सांगा. 	
July	५ व्यायामाचे महत्व	<ul style="list-style-type: none"> नव्या शब्दांविषयी जिज्ञासा व्यक्त करून त्या शब्दांचे अर्थ जाणून घेण्यासाठी शब्दकोशाचा वापर करतात. दिलेल्या विषयावर मुद्द्याच्या आधारे स्वतंत्र लेखन करतात. मानवी जीवनात व्यायामाचे महत्व प्रस्तुत करतात. 	<ul style="list-style-type: none"> व्यायामाचे फायदे व तोटे सांगा. 	21
	६ ऑलिंपिक वर्तुळाचा गोफ	<ul style="list-style-type: none"> ऑलिंपिक क्रीडा स्पर्धा विषयची माहिती समजते. विविध उपक्रमांच्या नियोजनाच्या स्पर्धेत भाग घेतात. एखादी गोष्ट आत्मसात करण्यासाठी सतत सराव करावा लागतो हे समजावणे. स्वल्पविराम, अर्धविराम, प्रश्नचिन्ह, उद्गारचिन्ह इत्यादींचा योग्य वापर करतात. 	<ul style="list-style-type: none"> ऑलिंपिक मध्ये सुवर्ण, रजत किंवा कांस्य पदक मिळवणाऱ्या एका व्यक्तीची माहिती लिहा. 	
	व्याकरण	<ul style="list-style-type: none"> अर्थपूर्ण वाक्य, काळ, अव्यय, समास 	<ul style="list-style-type: none"> जोड्या लावा. 	
August	७ दिव्याच्या शोधामागचे दिव्य	<ul style="list-style-type: none"> इच्छाशक्तीच्या जोरावर यशस्वी होणे ही भावना मनात रुजवणे. आपल्या परिसरात घडणारे प्रसंग, घटना इत्यादींचे सूक्ष्मनिरीक्षण करतात व त्यावर प्रतिक्रिया देतात. 	<ul style="list-style-type: none"> संशोधक होण्यासाठी तुमच्या आयुष्यात काय बदल कराल या वर माहिती लिहा. 	22

	व्हेनिस (स्थूलवाचन)	<ul style="list-style-type: none"> व्हेनिस या शहरातील वातावरण, जीवनमान याची माहिती समजावणे. 	<ul style="list-style-type: none"> तुम्ही पाहिलेल्या कोणत्याही आवडलेल्या स्थळाचे वर्णन सांगा. 	
	व्याकरण	<ul style="list-style-type: none"> समान व विरुद्ध अर्थाचे शब्द, वाक्प्रचार, कथालेखन, निबंधलेखन, पत्रलेखन 	<ul style="list-style-type: none"> 	
September	<ul style="list-style-type: none"> सराव 			18
October	८ सखू आजी	<ul style="list-style-type: none"> जुन्या व नव्या जीवन मूल्यांविषयीचे दृष्टी, निर्णयक्षमता याविषयीचे माहिती समजते. ग्रामीण जीवनाविषयी, मूल्यांविषयीचे दृष्टीकोन मनात रुजवणे. भाषेतील विविध बारकावे शब्दांची पुनरावृत्ती, लिंग, वचन, विरुद्धार्थी शब्द इत्यादींविषयी अभ्यास करतात. 	<ul style="list-style-type: none"> ग्रामीण जीवनाचे दर्शन घडविणाऱ्या पाठांचे वाचन घेणे. 	21
	९ उजाड उघडे माळरानही (कविता)	<ul style="list-style-type: none"> नव्या शब्दांविषयी जिज्ञासा व्यक्त करून त्या शब्दांचे अर्थ जाणून घेण्यासाठी शब्दकोशाचा वापर करतात. दिलेल्या विषयावर मुद्द्याच्या आधारे स्वतंत्र लेखन करतात. वसंतऋतूच्या आगमनाने सृष्टीच्या निसर्गसौंदर्यातील बदल समजतात. 	<ul style="list-style-type: none"> कविता तालासुरात म्हणून घेतली. 	
	११ आभाळातल्या पाऊलवाटा	<ul style="list-style-type: none"> पक्ष्यांच्या दुनियेतील होणाऱ्या घडामोडींवर माहिती समजावणे. मराठी भाषेतील विविध साहित्यप्रकार (बातम्या, वृत्तपत्रे, कथा, माहिती देणारे साहित्य, इंटरनेटवर प्रसिद्ध होणारे साहित्य) समजपूर्वक वाचून स्वतःची आवडनिवड सांगतात, मत देतात, सूचना करतात. 	<ul style="list-style-type: none"> SEA - पक्ष्यांचे स्थलांतर, भारतात येणाऱ्या स्थलांतरीत पक्ष्यांची सचित्र माहिती लिहा. 	

November	१२ पुन्हा एकदा (कविता)	<ul style="list-style-type: none">नवनिर्माणाचा ध्यास घेतलेल्या मनाच्या भाव स्थितीचे वर्णन प्रस्तुत कवितेत केले आहेकावितेचा भावार्थ व पावसाचे महत्व समजावणे.वसंतऋतूच्या आगमनाने सृष्टीच्या निसर्गसौंदर्यातील बदल समजतात.	<ul style="list-style-type: none">कविता तालासुरात म्हणून घेतली.	16
	१३ तिफन	<ul style="list-style-type: none">पावसाच्या आगमनाने शेतकऱ्यांच्या कामांच्या लागबगीची माहिती करून घेतात.गीते, समूहगीते, कविता विविध साहित्य प्रकारच्या ध्वनिफिती समजपूर्वक समजतात.	<ul style="list-style-type: none">कविता तालासुरात म्हणून घेतली.	
December	१५ माझे शिक्षक व संस्कार	<ul style="list-style-type: none">शिक्षकांकडून विद्यार्थ्यांवर घडणाऱ्या संस्कारांचे महत्व समजून घेणे.घटना, प्रसंग यावर आधारित सुसंगत विचार करून त्याबाबत लेखन करतात	<ul style="list-style-type: none">शिक्षकांशी संबंधित असलेल्यातुमच्या आठवणी सांगा.	17
	१६ शब्दांचा खेळ	<ul style="list-style-type: none">विद्यार्थ्यांना हेलेन केलर यांनी आपल्या अपंगत्वाशी सामना देत त्यांनी आपले शिक्षण कसे पूर्ण केले याच्या बदल माहिती घेणे,एखादा विषय लक्षात ठेवण्यासाठी वेगवेगळ्या युक्ती शोधणे.	<ul style="list-style-type: none">दिव्यांग मुलांविषयी माहिती सांगा .	
January	विश्वकोश (स्थूलवाचन)	विश्वकोशाची ओळख होते.	विश्वकोश याचा उपयोग सांगा.	21
	व्याकरण- सराव	निबंधलेखन, पत्रलेखन, कथालेखन		
	सराव			
February	Annual Exam			
March	Annual Exam			



MIS INTERNATIONAL SCHOOL
Yearly Planner (2023-24)

Grade: IX

Subject: Social Studies

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	<u>History Ch.01.</u> The French Revolution	<ul style="list-style-type: none"> • Get familiarized with the Various Personalities involved in the course of French revolution • use primary sources and evidences • interpret these sources & draw conclusions • Get acquainted with revolutionary ideas & new philosophies • comprehend the importance of democracy & individual rights 	Students will be assessed on the following- <ul style="list-style-type: none"> • confidence • clarity of concepts • Accuracy • Expression power • organization of Content • Logical thinking • presentation skills 	15
June	<u>Political Science Ch.02</u> What is Democracy? Why Democracy?	<ul style="list-style-type: none"> • Develop conceptual skills of defining democracy • develop a sophisticated defense of democracy against common pressure dices • appreciate democratic practices and strive to preserve and maintain democracy in all countries • compare democracy with non democratic government 	<ul style="list-style-type: none"> • assignment questions • short answers questions 	6

July	PT1 Exam			
	<u>Political Science Ch.03</u> Constitutional Design	<ul style="list-style-type: none"> • Develop and understanding of the effect of racial discrimination in Africa • To understand the ideals of Indian <p>Institute constitution to appreciate the contribution of constitution makers</p>	<ul style="list-style-type: none"> • Project work making a Scrapbook to show the comparison between Nelson Mandela and Mahatma Gandhi • Group Discussion • Oral test 	6
August	History Ch.05. Pastoralists in the Modern World	<ul style="list-style-type: none"> • Analyze the impact of modern states,making of boundaries ,processes of contraction of pastures and expansion of markets on pastoralism in the modern world. 	assignment questions <ul style="list-style-type: none"> • short answer questions 	10
	<u>History Ch.04Forests Society and Colonialism</u>	<ul style="list-style-type: none"> • Discuss the social and cultural world of forests communities through the study of specific revolts. • Understand how or a traditions can be used to explore tribal revolts. • Highlight varying patterns of developments within pastoral societies in different places. • Analyze the impact of colonialism on forest societies and the implication of scientific forestry. 	<ul style="list-style-type: none"> • MCQ 	6
September	Half-Yearly Exam			
October	<u>Political Science Ch.04</u> Electoral Politics	<ul style="list-style-type: none"> • .To research and identify community issues students want the mayoral 	<ul style="list-style-type: none"> • . Through class discussion student should revise the draft as necessary 	6

	History Ch. 03 Nazism and the Rise of Hitler	<p>candidates to address and connect those two candidate platforms</p> <ul style="list-style-type: none"> To develop consensus building skills to engage student as lifelong participants in the political process Comprehend the factor responsible for the growth of Nazism and the disastrous nature of the ideology understand the impact of Nazism in shaping the political politics of modern world 	<p>to ensure that it represents them</p> <ul style="list-style-type: none"> lead a discussion to develop consensus on the specific items that will comprise the student voices agenda for this class assignment questions short answer questions At the end teacher will collect answers from the students by asking questions and they will asked to do independent practice in their HW note book. Assign the design a poster activity which will help students interpret the Marxist ideology. 	8
	<u>History Ch 02. Socialism in Europe and the Russian Revolution</u>	<ul style="list-style-type: none"> Examine the ideas that inspired the Russian Revolution illustrate the condition of Russia before 1905 		15
November	Periodic Test -2			
December	<u>Political Science Ch.05</u> Working Of Institutions	<ul style="list-style-type: none"> Understand the role of a President in the Indian democracy understand the difference between the parliamentary and presidential system 	<p>Divide students in groups of 4-6</p> <p>-share that they have 10 minutes to do this right on the following questions on the board</p>	10

		<p>of government</p> <ul style="list-style-type: none"> Comprehend the factor responsible for the growth of Nazism and the disastrous nature of the ideology understand the impact of Nazism in shaping the political politics of modern world 	<ul style="list-style-type: none"> What roles and responsibilities should the Prime Minister of India have? What kind of skills and qualifications does he need to have? <ul style="list-style-type: none"> At the end teacher will collect answers from the students by asking questions and they will asked to do independent practice in their HW note book. They will prepare a collage on the pastoralists with different captions. 	10
January	<u>Political Science Ch.06</u> Democratic Rights	<p>The students will be able to</p> <ol style="list-style-type: none"> 1) explain the fundamental rights enjoyed by the citizens of India 2) state the need of rights in democracy 3) analyze the need of rights for all round development of an individual 	<ul style="list-style-type: none"> Relate the content to the present law and order situations in big cities get familiar rise to with various laws made to protect the rights of citizens 	10
February	Revision			
March	Exam			220



MIS INTERNATIONAL SCHOOL
Yearly Planner (2023-24)

Grade: IX

Subject: Social Studies(II)

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	Geography Chapter 01 India- Size and Location	<ul style="list-style-type: none"> • Learners will understand the location and size of India. • Learners will understand the meaning of relative and absolute location. 	<ul style="list-style-type: none"> • Map Reading • India- Political • World - Political 	7
	Economics Chapter 01 The story of village Palampur	<ul style="list-style-type: none"> • Learners will learn basic concepts of production. • Learners will be able to differentiate between economic and non-economic activities. 	<ul style="list-style-type: none"> • Map work 	7
June				

July PT-1	Geography Chapter 02 Physical features of India	<ul style="list-style-type: none"> • learners will be able to relate the importance of relief features in terms of Economic Development. • Analyse the productive and protected role of the Himalayas. 	• Map reading India Physical	8
	Economics Chapter 02 People as Resource	<ul style="list-style-type: none"> • Learners will learn about Human Capital Formation. • Learners will understand the quality of population in terms of education and health. 		7
August SEA	Geography Economics Revision Geography	Aggrieved farmers. (Story presentation)		5
September PT-2	Revision	Geography- Revision of chapter- 1, 2 Economics- Revision of chapter- 1, 2.		
October	Geography Chapter 04 Climate	<ul style="list-style-type: none"> • Learners will be able to differentiate between climate and weather • Learners will describe the different types of 		9

		climate on the earth.		
		Term 1		
	November	Geography Chapter 05 <i>Natural Vegetation and Wildlife</i>	Case Study	9
	December	Economics Chapter 03 <i>Poverty as a challenge</i>		9
	January	Geography Ch-6 Population		9
		Economics Ch-4 Food Security in India		9

February	Revision			
March	Term 2			



MIS INTERNATIONAL SCHOOL

Yearly Planner (2023-2024)

Grade: 9

Subject: Artificial intelligence (417) (Skill Subject)

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	Unit 3.ICT Skills-I	<p>Describe the role of Information and Communication Technology (ICT) in day-to-day life and workplace</p> <p>Identify component of basic computer system and their functions</p> <p>Demonstrate use of various components and peripherals of computer system</p>	<p>Discussion on the role and importance of ICT in personal life and at workplace</p> <p>Preparing posters/collages for showing the role of ICT at workplace</p> <p>Connecting the cables and peripherals to the Central Processing Unit</p> <p>Starting and shutting down a computer</p> <p>Group discussion on the various aspects of hardware and software</p> <p>Identification of various parts and peripherals of a computer</p> <p>Demonstration and practice on the use of mouse</p> <p>Demonstration and practice on the use of keyboard</p> <p>Demonstration of the uses of printer, webcams, scanner, and other peripheral devices</p> <p>Drawing diagram of computer system and labelling it.</p>	4&5

April	4.Introduction to Python	<ul style="list-style-type: none"> Learn basic programming skills through gamified platforms. Acquire introductory Python programming skills in a very user-friendly format. 	<p>Recommended Activity:</p> <ul style="list-style-type: none"> Introduction to programming using Online Gaming portals like Code Combat. 	10
June	Specific Skills Unit 1.Introduction to Artificial Intelligence (AI)	<p>Excite</p> <ul style="list-style-type: none"> To identify and appreciate Artificial intelligence and describe its applications in daily life To relate, apply and reflect on the Human Machine Interactions. To identify the with the three domains of AI: Data Computer Vision and Natural Language Processing To undergo an assessment for analysing progress towards acquired AI Readiness skills To imagine ,examine and reflect on the skills required for futuristic job opportunities 	<p>Session: Introduction to AI and setting up the context of the curriculum.</p> <p>Ice Breaker Activity Dream Smart Home Idea</p> <p>Learners to design a rough layout of floor plan of their smart home</p> <p>Recomemded Activity:The AI Game</p> <p>Learners to Participate in three Games based on different AI domains</p> <p>Game 1:Rock,Paper and Scissors(based on data)</p> <p>Game 2:Mystery Animal (based on Natural Language Processing-NLP)</p> <p>Game-3 Emoji Scavenger Hunt (based om Computer Vision=CV)</p> <p>Recommended Activity:</p> <p>AI Quiz (Paper Pen/Online Quiz)</p> <p>Recommended Activity:To write a latter</p> <p>Writing am latter to one's future self</p> <p>Learners to write a letter to self-keeping the future in context. They will describe what they have learnt so far or what they would like to learn someday.</p>	4 & 5

June	1.Introduction to Artificial Intelligence (AI	<p>Relate Learners to relate to application of Artificial Intelligence in their daily lives To unleash their imagination towards smart homes and build an interactive story around it. To relate, apply and reflect on the Human Machine Interactions</p> <p>Purpose To understand the impact of Artificial Intelligence on Sustainable Development Goals To develop Responsible citizenship.</p>	<p>Video Session: To watch a video Introducing the concept of Smart Cities ,Smart Schools and Smart Homes Recommended Activity: Write an Interactive Story Learners to draw a floor plan of a Home/School/City and write an interactive story around it using Story Speaker extension in Google docs</p> <p>Session Introduction to UN Sustainable Development Goals Recommended Activity: Go Goals Board Game Learners to answer questions on Sustainable Development Goals</p>	4 & 5
JULY	Employability Skills Unit 1. Communication Skills-I	<ul style="list-style-type: none"> • Demonstrate knowledge of various methods of communication • Identify elements of communication cycle • Identify the factors affecting our perspectives in communication • Demonstrate the knowledge of basic writing skills 	<ul style="list-style-type: none"> • Writing pros and cons of written, verbal and non-verbal communications • Listing do's and don'ts for avoiding common body language mistakes • Draw a diagram of communication cycle • Role plays on communication process related to the sector/job role • Group discussion on factors affecting perspectives in communication • Sharing of experiences on factors affecting perspectives • Sharing experiences on factors affecting communication at workplace 	4 & 5

			<ul style="list-style-type: none"> Demonstration and practice of writing sentences and paragraphs on topics related to the subject 	
July	1.Introduction to Artificial Intelligence (AI)	<p>Possibilities To research and develop awareness of skills required for jobs of the future</p> <p>To imagine examine and reflect on the skills required for the futuristic opportunities.</p> <p>To develop effective communication and collaborative work skills</p> <p>AI Ethics To understand and reflect on the ethical issues around AI To gain awareness around AI bias and AI access To let the students analyse the advantages and disadvantages of Artificial Intelligence</p>	<p>Session: Theme-based research and case studies Learners will listen to various case-studies of inspiring start ups, companies or communities where AI has been involved in real life</p> <p>Learners will be allotted a theme around which they need to search for present AI trends and have to visualize the future of AI in and around their respective theme Recommends Activity: Job Ad Creating activity Learners to create a job advertisement for a firm describing the nature of job available and the skill set required for it 10 years down the line .They need to figure out how AI is going to transform the nature of jobs and create the AD accordingly</p> <p>Video Session: Discussing about AI Ethics Recommended Activity: Ethics Awareness Students play the role of major stakeholders and the have to decide what is ethical and what is not for a given scenario Session: AI Bias and AI Access Discussing about the possible bias in data collection Discussing about the implications of</p>	4 & 5

			<p>AI technology</p> <p>Recommended Activity: Balloon Debate</p> <p>Students divide in teams of 3 and 2 teams are given same theme. One team goes in affirmation to AI for their section while the other one goes against it.</p> <p>They have to come up with their points as to why AI is beneficial/ harmful for the society.</p>	
August	Unit 2.AI Project Cycle	<p>Problem Scoping</p> <p>Identify the AI Project Cycle framework.</p> <p>Learn problem scoping and ways to set goals for an AI project. Identify stakeholders involved in the problem scoped. Brainstorm on the ethical issues involved around the problem selected.</p> <p>Understand the iterative nature of problem scoping for in the AI project cycle. Foresee the kind of data required and the kind of analysis to be done.</p> <p>Share what the students have discussed so far.</p> <p>Data Acquisition</p> <p>Identify data requirements and find reliable sources to obtain relevant data. Activity: Introduction to data and its types. • Students work around the scenarios given to them and think of ways to acquire data. Data Exploration To understand the purpose of Data Visualisation Session: Data</p>	<p>Session: Introduction to AI Project Cycle</p> <ul style="list-style-type: none"> • Problem Scoping • Data Acquisition • Data Exploration • Modelling • Evaluation <p>Activity: Brainstorm around the theme provided and set a goal for the AI project.</p> <ul style="list-style-type: none"> • Discuss various topics within the given theme and select one. • List down/ Draw a mind map of problems related to the selected topic and choose one problem to be the goal for the project. <p>Activity: To set actions around the goal.</p> <ul style="list-style-type: none"> • List down the stakeholders involved in the problem. • Search on the current actions taken to solve this problem. • Think around the ethics involved in the goal of your project. <p>Activity: Data and Analysis</p> <ul style="list-style-type: none"> • What are the data features needed? • Where can you get the data? • How 	4 & 5

Visualisation • Need of visualising data • Ways to visualise data using various types of graphical tools. Use various types of graphs to visualise acquired data. Recommended Activity: Let's use Graphical Tools • To decide what kind of data is required for a given scenario and acquire the same. • To select an appropriate graphical format to represent the data acquired. • Presenting the graph sketched. 417 – Artificial Intelligence Modelling Understand, create and implement the concept of Decision Trees. Session: Decision Tree • To introduce basic structure of Decision Trees to students. Recommended Activity: Decision Tree • To design a Decision Tree based on the data given. Understand and visualise computer's ability to identify alphabets and handwritings. Recommended Activity: Pixel It • To create an "AI Model" to classify handwritten letters. • Students develop a model to classify handwritten letters by diving the alphabets into pixels. • Pixels are then joined together to analyse a pattern amongst same alphabets and to differentiate the different ones.

frequent do you have to collect the data?
• What happens if you don't have enough data?
• What kind of analysis needs to be done?
• How will it be validated?
• How does the analysis inform the action?
Presentation: Presenting the goal, actions and data.

August	4.Introduction to Python	<ul style="list-style-type: none"> Learn basic programming skills through gamified platforms. Acquire introductory Python programming skills in a very user-friendly format. 	<p>Practical: Python Basics</p> <ul style="list-style-type: none"> Students go through lessons on Python Basics (Variables, Arithmetic Operators, Expressions, Data Types - integer, float, strings, using print() and input() functions) Students will try some simple problem-solving exercises on Python Compiler. <p>Practical: Python Lists</p> <ul style="list-style-type: none"> Students go through lessons on Python Lists (Simple operations using list) Students will try some basic problem-solving exercises using lists on Python Compiler. 	2-3
August	Unit 2. Self-Management Skills-I	<ul style="list-style-type: none"> Describe the meaning and importance of self-management Identify the factors that helps in building self confidence 	<ul style="list-style-type: none"> Identification of self-management skills Strength and weakness analysis Role play exercises on building self-confidence. Use of positive metaphors/words Positive stroking on wakeup and before going bed Helping others and working for community 	4 & 5
September	Half Yearly Exam	Half Yearly Exam	Half Yearly Exam	
October	4.Introduction to Python	<ul style="list-style-type: none"> Learn basic programming skills through gamified platforms. Acquire introductory Python programming skills in a very user-friendly format. 	<p>Recommended Activity:</p> <ul style="list-style-type: none"> Introduction to programming using Online Gaming portals like Code Combat. 	2-3

November	<p>Employability Skills Unit</p> <p>4. Entrepreneurial Skills-I</p>	<ul style="list-style-type: none"> • Identify various types of business activities • Demonstrate the knowledge of distinguishing characteristics of entrepreneurship 	<ul style="list-style-type: none"> • Prepares posters of business activities found in cities/villages using pictures • Discuss the various types of activities generally adopted by small business in a local community • Best out of waste • Costing of the product made out of waste • Selling of items made from waste materials • Prepare list of business that provides goods and services in exchange for money • Prepare charts showing advantages of entrepreneurship over wages. • Group discussions on role and features of entrepreneurship • Lectures/presentations by entrepreneurs on their experiences and success stories • Identify core skills of successful entrepreneur 	4-5
December	<p>Unit 5. Green Skills-I</p>	<p>Demonstrate the knowledge of the factors influencing natural resource conservation</p> <p>Describe the importance of green economy and green skills</p>	<ul style="list-style-type: none"> • Group discussion on hazard of deteriorating environment. Prepare posters showing environment conservation • Discussion on various factors that influence our environment • Discussion on the benefits of green skills and importance of green economy • Prepare a poster showing the importance of green economy with the help of newspaper/magazine cutting 	4-5

January	3.Neural Network	Understand and appreciate the concept of Neural Network through gamification.	<p>Session: Introduction to neural network</p> <ul style="list-style-type: none"> • Relation between the neural network and nervous system in human body • Describing the function of neural network. <p>Recommended Activity: Creating a Human Neural Network</p> <ul style="list-style-type: none"> • Students split in four teams each representing input layer (X students), hidden layer 1 (Y students), hidden layer 2 (Z students) and output layer (1 student) respectively. • Input layer gets data which is passed on to hidden layers after some processing. The output layer finally gets all information and gives meaningful information as output. 	4-5
January	4.Introduction to Python	<ul style="list-style-type: none"> • Learn basic programming skills through gamified platforms. • Acquire introductory Python programming skills in a very user-friendly format. 	<p>Practical: Python Basics</p> <ul style="list-style-type: none"> • Students go through lessons on Python Basics (Variables, Arithmetic Operators, Expressions, Data Types - integer, float, strings, using print() and input() functions) • Students will try some simple problem-solving exercises on Python Compiler. <p>Practical: Python Lists</p> <ul style="list-style-type: none"> • Students go through lessons on Python Lists (Simple operations using list) • Students will try some basic problem-solving exercises using lists on Python Compiler. 	4-5

February	Revision	Revision	Revision	16
March	Annual Exam	Annual Exam	Annual Exam	



MIS INTERNATIONAL SCHOOL
Yearly Planner (2023-24)

Grade: 9

Subject: Hindi [स्पर्श भाग- १]

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	<p>स्पर्श कविता- १. रैदास के पद</p> <p>व्याकरण: शब्द और पद अनुस्वार, अनुनासिक</p> <p>पाठ १. दुख का अधिकार</p> <p>लेखन: अनुच्छेद लेखन</p>	<ul style="list-style-type: none">काव्य –शिक्षण में रुचिप्रोत्साहन देना तथा लक्ष्य को पाने का प्रयत्न करना।कविता का शाब्दिक अर्थ जाननाकविता का प्रतीकात्मक अर्थ जाननाशब्द और पद का भेद जाननाअनुस्वार के उदाहरण लिखनाप्रतीकों का प्रयोग करनाअनुनासिक और नुक्ता के उदाहरण कार्य/प्रभाव जाननादया, सहानुभूति, परोपकार आदि मूल्यों का विकास।छात्रों में बूढ़े लोगों के प्रति आदर भाव बढ़ेगा।स्नेह,ममत्व,वात्सल्य,संवेदनशीलता का विकास	<ul style="list-style-type: none">रहीम जी की जानकारी एकत्रित कीजिए।नीति परक दोहों की जानकारी एकत्रित करना।छात्रों में ईश्वर भक्ति का भाव जगाना, जीवन का तत्वज्ञान समझाना।अनुस्वार और अनुनासिक के उदाहरण लिखनाशब्द और पद के उदाहरण लिखना‘व्यक्ति की पहचान उसकी पोशाक से होती है।’ इस विषय पर कक्षा में परिचर्चा कीजिए।अमीर- गरीब का अंतर समझकर गरीबों से मानवतापूर्ण व्यवहार करने	18

			की सीख देकर कक्षा चर्चा।	
June	<p>स्पर्श पाठ - २. एवरेस्ट मेरी शिखर यात्रा</p> <p>स्पर्श कविता- २. रहीम के दोहे</p> <p>संचयन पाठ - १. गिल्लू</p>	<ul style="list-style-type: none"> लेखन और वाचन कौशल का विकास। चिंतन-मनन द्वारा बौद्धिक क्षमता का विकास। छात्रों में प्रकृति प्रेम की भावना वृद्धिगत होगी नारी वर्ग के प्रति सम्मान का भाव । साहसी कार्यों में रूचि बढ़ेगी विचार अभिव्यक्ति की क्षमता का विकास। कविता का चुनाव और विश्लेषण कविता के भावार्थ से संबंधित तत्व जानना कविता का भावार्थ जानना नए शब्द भंडार से परिचय। 	<ul style="list-style-type: none"> रामधारी सिंह का लेख-‘हिम्मत और जिंदगी’को पढ़िए। आधुनिकता के कारण आए बदलावों पर वाद-विवाद गतिविधि भारत के गिर्यारोहकों की जानकारी एकत्र करना काव्य तत्वों के उदाहरण चार्ट पर बनी तालिका में लिखना कबीर के दोहों का संकलन करना। रहीम की जानकारी एकत्रित करना। उपसर्ग-प्रत्यय के उदाहरण लिखना विविध पालतू पशुओं की जानकारी 	20

	व्याकरण: उपसर्ग-प्रत्यय, पत्र लेखन, अनौपचारिक पत्र लेखन।	<ul style="list-style-type: none"> उपसर्ग-प्रत्यय में अंतर जानना उपसर्ग-प्रत्यय का महत्व समझना वाचन कौशल का विकास छात्र पाठ के माध्यम से प्राणी जगत की विविधता को जानेंगे। 	एकत्रित कीजिए। <ul style="list-style-type: none"> कहानी विधि की जानकारी लीजिए। 	
July	स्पर्श पाठ - ३. तुम कब जाओगे अतिथि व्याकरण: स्वर संधि,	<ul style="list-style-type: none"> निरीक्षण क्षमता, अवलोकन एवं विचार- अभिव्यक्ति की क्षमता का विकास। छात्रों के सामान्य ज्ञान को बढ़ाना। छात्र कविता का मूल भाव समझेंगे। छात्र रिश्तों के महत्व को समझेंगे। समाज की वास्तविकता जानेंगे। विषय का आकलन। योग्य आचरण। छात्र अपने घर के महत्व और अपनत्व से परिचित होंगे। मानव शास्त्र, सामाजिक विज्ञान का परिचय विचार अभिव्यक्ति की क्षमता का विकास। नए शब्द भंडार से परिचय। अनौपचारिक पत्र लेखन का स्वरूप जानेंगे। विज्ञापन- पोस्टर का निर्माण करना समरूपी भिनार्थक शब्द जानना। 	<ul style="list-style-type: none"> बिहारी की जानकारी एकत्रित करना आदमी के विभिन्न प्रवृत्तियों को जानकर व्यवहार करेंगे। चार्ट पर यात्रा वृत्तांत की विशेषताएँ लिखना अपने घर आए अतिथियों के सत्कार का अनुभव छात्र कक्षा में सुनाएँ। छात्र अच्छा अतिथि कौन होता है? यह जानकर दूसरों के घर व्यवहार करेंगे। अपने जीवन की साहसिक घटना का वर्णन कीजिए छात्र उदारता, मनुष्यता के भाव से व्यवहार करेंगे। अनौपचारिक पत्र लेखन करेंगे। स्वर संधि के उदाहरण 	23

August			लिखेंगे।	
	<p>संचयन पाठ -२. स्मृति</p> <p>स्पर्श कविता- ३. गीत- अगीत (कविता)</p> <p>व्याकरण- वाक्य- विचार, विराम- चिह्न और संवाद लेखन</p>	<p>लेखन और वाचन कौशल का विकास। चिंतन-मनन द्वारा बौद्धिक क्षमता का विकास। छात्रों में प्रकृति प्रेम की भावना वृद्धिगत होगी अपने परिवार जनों के प्रति सम्मान का भाव। साहसी कार्यों में रूचि बढ़ेगी विचार अभिव्यक्ति की क्षमता का विकास।</p> <ul style="list-style-type: none"> • उदारता, साहस , क्षमा और शांति जीवनमूल्यों का परिचय। • कवि परिचय। • सामान्य ज्ञान को बढ़ाना। • स्वतंत्रता के महत्त्व से अवगत कराना। • सस्वर गायन। • मानवता और भूतदया जैसे गुणों का विकास • भेदभाव की नीति को विरोध की भूमिका तैयार होगी। • समाज में निधर्मिता और सर्वधर्मसमभाव से आचरण करेंगे। • संधि की परिभाषा तथा भेदों को जानना • विराम-चिह्न के प्रकारों का परिचय 	<p>सर्पों की प्रजातियों पर लेख लिखिए। अपने जीवन की किसी साहसिक कारनामे को कलमबद्ध कीजिए। किसी प्राकृतिक स्थान की यात्रा का वर्णन करेंगे। भारत के पशु पक्षियों की जानकारी एकत्र करना। वाक्य और अर्थ की दृष्टि से वाक्य के भेदों के उदाहरण लिखिए। अर्थ की दृष्टि से वाक्य के भेद पहचानिए। दिए गए विषय पर संवाद लेखन कीजिए। रामधारी सिंह की कविताओं का संग्रह कीजिए। प्रकृति या मानवीय राग- अनुराग संबंधी एक कविता लिखिए। पाठ में आए कठिन शब्दों का अपने वाक्यों में प्रयोग करना। विराम-चिह्न और भेदों के उदाहरण लिखिए। उदाहरणों से विराम-चिह्नों के भेद पहचानिए। दिए गए चित्र का विस्तार से वर्णन कीजिए।</p>	<p>24</p>

September				
	REVISION	REVISION + TERM 1 EXAM	REVISION	21
October	स्पर्श कविता- ५. अग्निपथ	<ul style="list-style-type: none"> ● आकलन क्षमता का ज्ञान कराना ● विचार अभिव्यक्ति की क्षमता का विकास। ● रचनात्मक लेखन का अनुभव प्रदान करना। ● मनोविज्ञान, व्यक्तिमत्व विकास। 	<ul style="list-style-type: none"> ● 'जीवन संघर्ष का ही नाम है' इस विषय पर परिचर्चा। ● संघर्ष कर सफलता प्राप्त प्रसिद्ध व्यक्ति चरित्रों का अभ्यास। ● 'एक पत्र – छाह भी माँग मत' इस पंक्ति का आशय स्पष्ट 	23

	<p>स्पर्श पाठ - ४. वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन्</p> <p>व्याकरण- शब्द और पद अनुस्वार, अनुनासिक</p> <p>अनुच्छेद लेखन</p>	<ul style="list-style-type: none"> ● मंतव्य का विश्लेषण करना। ● अनुमानित प्रश्नों का उत्तर लेखन करना। <p>लेखन और वाचन कौशल का विकास</p> <p>चिंतन-मनन द्वारा बौद्धिक क्षमता का विकास</p> <p>विज्ञान के प्रति निष्ठा का विकास।</p> <p>वैज्ञानिक दृष्टिकोण से घटनाओं को समझने में वृद्धि।</p> <p>अनुसंधान की प्रवृत्ति का विकास।</p> <p>विचार अभिव्यक्ति की क्षमता का विकास।</p> <p>विराम-चिह्न और भेदों का आकलन।</p> <p>चित्र वर्णन के बिंदुओं का ज्ञान।</p>	<p>कीजिए।</p> <ul style="list-style-type: none"> ● कविता के प्रश्नोत्तर। ● गीत प्रणाली <p>देश विकास में वैज्ञानिकों का योगदान - इस विषय पर परिचर्चा।</p> <p>भारतीय वैज्ञानिकों की जानकारी एकत्र करना।</p> <p>वैज्ञानिक और उनकी खोज की सूची बनाइए।</p> <p>विराम-चिह्न और भेदों के उदाहरण लिखिए।</p> <p>उदाहरणों से विराम-चिह्नों के भेद पहचानिए।</p> <p>दिए गए चित्र का विस्तार से वर्णन कीजिए।</p>	
November	<p>स्पर्श पाठ - ६. शुक्रतारे के समान</p>	<ul style="list-style-type: none"> ● चिंतन-मनन द्वारा बौद्धिक क्षमता का विकास। ● देशप्रेम, लोककल्याण की भावना का विकास। ● आत्मविश्वास इतिहास, सामाजिक विज्ञान, पत्रकारिता आदि का परिचय। ● जीवन में ईमानदारी और मेहनत से कार्य करना सीखेंगे। <ul style="list-style-type: none"> ● फिल्मों का इतिहास जानना। ● लेखन और वाचन कौशल का विकास। 	<ul style="list-style-type: none"> ● स्वतंत्रता आंदोलन में गांधीजी का योगदान' विषय पर परिचर्चा। ● किसी सफल व्यक्ति के संघर्ष की कथा लिखिए। ● प्रश्नोत्तर लेखन। ● समाज में व्याप्त अन्याय, बुराई आडंबर आदि पर लेख अथवा व्याख्यान गतिविधि। ● विविध प्रसंगों पर आधारित संवाद लिखिए। 	18

	<p>संचयन पाठ -३. कल्लू कुम्हार की उनाकोटि व्याकरण: उपसर्ग-प्रत्यय (पुनरावर्तन)</p> <p>संवाद लेखन</p>	<ul style="list-style-type: none"> ● भारत की प्राकृतिक विविधता को जानना। ● भारतीय संगीत की परंपरा का आकलन। ● पूर्वोत्तर भारत की सांस्कृतिक गतिविधियों की जानकारी। ● विविधता में एकता की भावना का विकास। ● संवाद लेखन के तत्वों का परिचय। ● विचार अभिव्यक्ति की क्षमता का विकास। ● नए शब्द भंडार से परिचय। 	<ul style="list-style-type: none"> ● भारतीय संगीत के संगीतकारों की जानकारी एकत्रित कीजिए। ● भारत के पर्व पर अनुच्छेद लिखिए। ● विज्ञापन लेखन के उदाहरण दीजिए। ● विलोम शब्दों का प्रयोग करते हुए दो वस्तुओं में बातचीत लिखना ● विलोम शब्द लिखना 	
December	<p>स्पर्श कविता- ६. नए इलाके में/खुशबू रचते हैं हाथ</p> <p>व्याकरण- वाक्य- विचार, विराम- चिह्न चित्र वर्णन</p>	<ul style="list-style-type: none"> ● लाक्षणिक अर्थ से कविता भावार्थ लिखना ● पदों को गाते हुए अभिनय करना ● रचनात्मक लेखन का अनुभव ● काव्य विवेचन प्रणाली। ● लेखन और वाचन कौशल का विकास। ● ग्रामीण जीवन शैली को जानने की प्रवृत्ति। ● छात्रों में भूतदया मनुष्यता आदि भाव वृद्धिगत होंगे। ● देशप्रेम की भावना को जागृत करना। ● काव्य –शिक्षण में रुचि। ● वाक्य के भेदों का आकलन होगा। ● विराम चिह्न के उदाहरण से भेद जानेंगे। 	<ul style="list-style-type: none"> ● अगरबत्ती बनाना तथा माचिस बनाना आदि लघु उद्योगों के बारे में जानकारी एकत्रित करना। ● मजदूरों और कारिगरों की कला का मूल्य जानकर उनके प्रति आदर बढ़ेगा। ● सच्ची मित्रता के दुर्लभ उदाहरण लिखिए। ● शहरीकरण के दुष्परिणामों पर कक्षा चर्चा कीजिए। ● पाठ का प्रतिपाद्य अपने शब्दों में लिखिए। 	19

January				
	<p>संचयन पाठ - ४. मेरा छोटा-सा निजी पुस्तकालय</p> <p>व्याकरण-मुहावरे, पत्र लेखन</p>	<ul style="list-style-type: none"> • पुस्तकालय की संकल्पना का ज्ञान। • पुस्तक वाचन की भावना का विकास। • छात्रों में सांप्रदायिक एकता मजबूत होगी। • स्वतंत्रता का इतिहास, भूगोल, राजनीति शास्त्र आदि का परिचय। • देशप्रेम की भावना को जागृत करना। • विचार अभिव्यक्ति की क्षमता का विकास। • राष्ट्रीयता जागृत होगी। • स्वतंत्रता का मूल्य जानेंगे। • राष्ट्र पुरुषों के लिए सम्मान और आदर की प्रस्तुति। • वर्णनात्मक शैली का ज्ञान • सामाजिक इतिहास की जानकारी। • मुहावरे के अर्थ और वाक्य- प्रयोग की जानकारी • मुहावरे का अर्थ जानना • मुहावरे का विश्लेषण करना • संवाद लेखन के आवश्यक बिंदुओं का परिचय • पत्रलेखन के प्रकारों की जानकारी 	<ul style="list-style-type: none"> • 'पुस्तकालय का महत्व' इस विषय पर कक्षा चर्चा • 'पुस्तकालय की मानव जीवन में भूमिका' पर अनुच्छेद लिखिए। • मानवता, धर्म निरपेक्षता आदि मूल्यों पर विचार व्यक्त कीजिए। • देशप्रेम पर परिचर्चा अथवा स्वानुभव की अभिव्यक्ति • आशय स्पष्ट कीजिए। • लोकोक्तियाँ का प्रयोग करना • मुहावरे का वाक्य में प्रयोग करना। • संवाद के उदाहरण लिखिए। • विविध विषयों पर पत्रलेखन कीजिए। • वस्तुओं के विज्ञापन तैयार कीजिए। 	23
	February	Revision	Revision	22

March	March	Annual Exam	Annual Exam	11

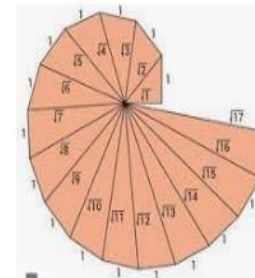


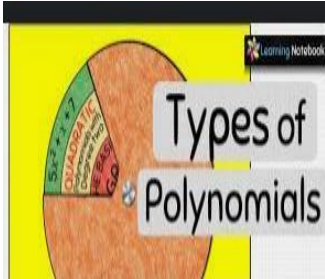
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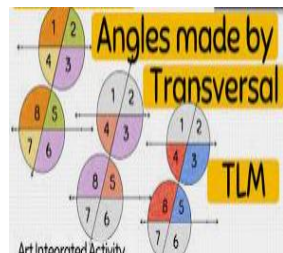
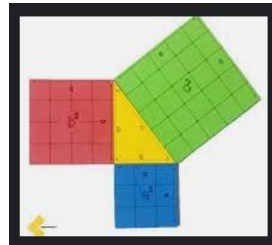
Yearly Planner (2023-24)

Grade: IX

Subject: Mathematics

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	Number system	Learner will be able to a) Gain the knowledge of various types of numbers viz. natural numbers, whole numbers, prime numbers etc.. b) Explore relation between various types of numbers c) Learn to insert rational numbers between two rational numbers d) Learn to represent irrational numbers like $\sqrt{2}$, $\sqrt{3}$ etc on the number line. e) Learn to insert irrational numbers between two rational numbers. f) Learn the method of rationalizing the denominator of a rational number. g) Laws of Exponents for real numbers.	Object: To construct root spiral SEA 1: 	12
		a) Plot points on the plane b) Describe points on the plane c) Understand coordinates as distances		8

	Coordinate Geometry	d) Calculate distance between two horizontal points or two vertical points.	<ul style="list-style-type: none"> To find hidden picture by plotting and joining the various points with given coordinate in a plane. To make plan of any one of the infrastructure or building. Eg School, Hospital, Garden etc 	
June	Polynomials	a) Solve problems about polynomials b) Use the factor theorem to solve problems Use graphic, numeric, algebraic, and mental strategies to solve cubic equations with at least one integer root.	SEA 1: Types of Polynomials working Model 	15
	Introduction to Euclid's Geometry	Students are able to: a) Define Axioms and Postulates b) Understand various terms		3
July	PT1 Exams			.

	Lines and angles	<p>Students are able to :</p> <ol style="list-style-type: none"> Draw, identify, and define different types of angle and lines. Pairs of angles Basic terms and Definitions Angle sum property of a triangle 	 <p>Angles made by Transversal</p> <p>TLM</p> <p>Lab- Parallel lines and transversal activity</p>	10
	Heron's formula	<p>Students are able to:</p> <ol style="list-style-type: none"> Recall the terms, triangle and area of triangle. Recognize Heron's formula. Identify the concept of Heron's formula. 		6
August	Triangles	<p>Students are able to:</p> <ol style="list-style-type: none"> Congruence of triangle Prove the rules of congruence and properties of triangles. Explain the non-criteria for congruence of triangles. Some more criteria of triangles. 	SEA2: Lab activity: Verify the Pythagoras theorem	14
	Statistics	<p>Students are able to:</p> <ol style="list-style-type: none"> Analyze different types of data Create a frequency distribution table to classify data Draw a bar graph to depict given data Draw a histogram 		10
September	Note: Revision	Revision + Term 1 Exams		

December	Surface areas and volumes	<ul style="list-style-type: none"> Students will able to: <ul style="list-style-type: none"> a) Define surface area b) Outline the various formulas of calculating surface area c) Calculate the surface area of assorted objects d) Define volume e) Outline the various formulas of calculating volume 	.	12
January	Probability	Students are able to: <ul style="list-style-type: none"> a) Define probability and experimental probability b) Conduct experiments to measure probability c) Define the terms experiments, trial, event and outcome d) Calculate probability 	The experiments to be Drawn from real-life situations, and from examples used in the chapter on statistics).	4
February		Note: Revision for annual exam		
March	Annual Exam			

Note: PT 1 includes chapters . 1,2,3

Half yearly includes chapters -1,2,3, 7,6,12,14

PT2 includes chapters -4,8,10

Annual includes chapters -ALL



MIS INTERNATIONAL SCHOOL
Yearly Planner (2023-24)

Grade: 9

Subject - English

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	Beehive 1.The Fun They Had The Road Not Taken (Poem)	<ul style="list-style-type: none"> the text locally and globally meaning from the context the theme - futuristic education system v/s current one critically analyze the present versus future school system develop skills(listening, speaking, reading, writing) Share their feelings on an independent decision taken by them and its effects. Derive the title of the poem through discussion Read and comprehend the poem Identify the poetic devices and rhyme scheme of the poem Express their views and opinions in the answers based on the poem and inferences made by them. 	<ul style="list-style-type: none"> Debate on technology Compare and contrast the present day education with that of futuristic education. Students read the poem silently and are asked to underline the difficult words/phrases, identify rhyme scheme and the poetic devices. Comic strip on The Road not taken-with a presentation 	4
April	Moments Unit 1	To develop a love for literature in	<ul style="list-style-type: none"> To listen and write descriptions of 	

		<p>Music (Part I and II) 4. Wind (Poem)</p> <p>Moments:</p> <p>1.The Lost Child 2. The Adventures of Toto</p> <p>3. Iswaran the Storyteller</p> <p>Grammar:</p> <p>1.(Determiners)</p> <p>2.Integrated Grammar Exercises</p> <p>3. Figure of Speech</p> <p>Writing skills: Descriptive Paragraph of a person</p> <p>Unseen Passage: Discursive passage/factual passage</p>		
June	<p>Beehive Unit 2</p> <p>The Sound of Music (Part I and II)</p>	<p>Students will know and understand -</p> <ul style="list-style-type: none"> • The text locally and globally • infer meaning from the context • the theme – Hard work and firm determination is the key to success • critically analyze the journey of two famous musicians • understand the message conveyed through the lesson and answer the questions with 90% accuracy 	<ul style="list-style-type: none"> • Discussion of the sequence of events of the poem creatively. (collaborative, creative, critical competencies) • Human life is full of hardships. How does the poet reveal it? 	3
June	Moments			

	<p>Unit 3 Iswaran the storyteller by R.K.Laxman</p> <p>Beehive</p> <p>Wind (poem) by Subramania Bharti</p> <p>Moments Unit 2 The Adventures of Toto by Ruskin Bond</p> <p>Grammar (Determiners)</p>	<p>Students will know and understand-</p> <ul style="list-style-type: none"> • The authors style of writing • Make inferences and judgments. • Infer meaning from the context <p>Students will know and understand -</p> <ul style="list-style-type: none"> • The poet's style of writing. • The theme of the poem - facing problems with determination and strength. • The text locally and globally. <p>Infer meaning from the context respond critically to the aesthetic, cultural and emotional values in the poem.</p> <p>Understand that not all animal can adopt themselves to the human way of life. It requires a great deal of patience and skill to train animals to acquire non-destructive behavior in collaborative manner and communicating ideas with each other.</p> <ul style="list-style-type: none"> • Able to recall and revise the concepts already learnt. • Learn to form meaningful sentences. • Revise a piece conceptually. 	<ul style="list-style-type: none"> • Brain storming – The class would start with a discussion on – List the qualities of a good storyteller <p>Talk about relationship between children and their parents.</p> <ul style="list-style-type: none"> • Topic explained through PPT. • Discussed Grandfather had kept many animals in his private zoo and cared for them. Does this show that we should care about animals? 	<p>4</p> <p>3</p> <p>4</p>
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July	Writing skills	<ul style="list-style-type: none"> • Able to reflect on whatever they have learnt in the class. • It will develop the student's insight into the structure of English. • Students are able to develop their understanding about the rules of English Grammar through use of Determiners. • They will be able to use determiners in all possible areas of communication and composition. • 	Worksheet	4
	Descriptive Paragraph		<ul style="list-style-type: none"> • Teachers explain about the use of determiners a, an, the, this, that, many, much, my, our etc. • Teachers read out a few sentences and pupils identify the determiners. • https://drive.google.com/drive/folders/1qXDEZKPv_pJZ-wKUwN-mL8whlcYRoFfy (activity) 	3
	GRAMMAR Tenses	Descriptive Paragraph (word limit 100-120 words), describing a person .		2
	Writing skills	<ul style="list-style-type: none"> • Identify and apply words that express happiness through vocab activity (Synonyms) • Identify the reporting verbs from sentences. • Express their views and opinions in the answers based on the text and inferences made • by them. • Evaluate the importance of mutual interaction and regular communication in • relationships. 	<ul style="list-style-type: none"> • Students will present a pictorial depiction of a rainy day followed by a descriptive paragraph on the 	
	Diary Entry			
	Beehive Unit 3-The Little			

	<p>Girl.</p> <p>Poem – Rain on the Roof</p>	<ul style="list-style-type: none"> • To admire the bliss of nature in the form emotions that are evoked by rain. • To develop their imagination skill • To make them realise that nature gives soothing/ healing effect • To identify the poetic devices used in the poem • -To learn a moral lesson from the poem. 	same.	
July	<p>Grammar Modal</p> <p>Writing skills Story writing</p> <p>Beehive Unit 4 A truly beautiful mind</p> <p>Beehive The Lake Isle of Innisfree by William Butler Yeats</p>	<p>Able to recall and revise the concepts already learnt.</p> <p>Learn to form meaningful sentences. Revise a piece conceptually. Able to reflect on whatever they have learnt in the class...</p> <ul style="list-style-type: none"> • Understand the life of Albert Einstein • Respond critically to the aesthetic, cultural and emotional values in the text • the poet's style of writing • the theme of the poem <p>skim the reading text to identify main ideas</p>	<ul style="list-style-type: none"> • Frame two sentences each with the mentioned modal auxiliaries. • Make the list of few modals which you easily understood. • Imagine some incidences and write a paragraph using the modal you liked. • Prepare a chart of modal • Brain Storming –The class would start with a discussion on – What qualities in a person make them a genius or a great person? Are they born with a special sign that allows us to recognize them instantly? <p>The class would start with a discussion on –</p> <ul style="list-style-type: none"> • Compare and contrast city life 	<p>4</p> <p>3</p> <p>4</p>

August		<ul style="list-style-type: none"> • understand about the innate beauty of nature and the solace it offers 	v/s- rural life <ul style="list-style-type: none"> • Suggested answers would be noted on the blackboard. 	
August	Beehive Unit 5 The Snake and the Mirror	<ul style="list-style-type: none"> • Comprehend and narrate the text effectively and share their own views for the same. • Extract the humor involved in the story • Comprehend meaning of the text by providing appropriate answers to the questions asked. 	Weave a story based on the reading of the text and their imagination.	4
September	Moments 4.In the kingdom of fools Beehive A legend of the Northland (<i>Poem</i>)	Recapitulate and apply the rules of reported speech appropriately in sentences To enable the students to understand how greed can lead to one's downfall	Skit – enact a scene from the story To encourage the students to relate the story to their own experiences.	4 3

		<ul style="list-style-type: none"> Learn that self-discovery is the best way to understand oneself. 		
October	Moments 5.The Happy Prince Beehive 6. No Men Are Foreign (<i>Poem</i>) My Childhood Grammar Reported Speech Commands and Requests	<p>To enable the learners know the real meaning of happiness, love, sacrifice and charity</p> <ul style="list-style-type: none"> To help the students learn about how hard work and determination helps to go a long way To enable the students learn use reported speech correctly. Learn that self-discovery is the best way to understand oneself. <p>Students will learn to understand the difference between Command and Request.</p>	Worksheet related to the topic.	
October				
November	Beehive Reach for the top Moments The Last Leaf	<ul style="list-style-type: none"> To understand the power of sacrifice. To understand the symbolism and what it represents. To enable the students to make diary entry as a travelogue. 	Critically analyse the depleting forest cover. Worksheet related to the topic.	

	Beehive On Killing A Tree by Gieve Patel Grammar: Subject-Verb-Concord	Value of the trees Critically analyse the poem. <ul style="list-style-type: none"> Learners will be able to understand the concept of subject-verb-concord. 		
December	Beehive Kathmandu	Understand the theme of the lesson Know about Kathmandu in detail enhance vocabulary understand the innate beauty of nature and the solace it offers. To enable the students to observe the importance of making choices in real life situations.	Following questions are asked to the students. 1. Why is the poet so dejected? 2. What does the poet mean to say 'No motion has she now'? 3. 'She neither hears nor sees.' Explain this sentence. 4. How does one who had died move with the rocks, stones and trees? Brain Storming –The class would start with a discussion on – list the	
December	A SLUMBER DID MY SPIRIT SEAL (William Wordsworth) If I Were You by Douglas James	The theme of the lesson – stay calm and composed in every situation. They will also critically analyze the trick used by Gerrard to befool the intruder	qualities of a criminal and a gentleman Students will make a web chart.	
January	Moments	The author's style of writing the theme of the lesson – To	Respond critically to the aesthetic, cultural and emotional	

	The Beggar Writing skills A Descriptive Paragraph (word limit 100-120 words), describing a event / situation, based on visual or verbal cue/s.	know the importance of showing love towards humanity and understating that others too have feelings. Revision	values in the text.	
February		Revision		
March		Annual Exam		

NOTE

Half Yearly

Beehive

1.The Fun They Had, 2.The sound of Music 3.The Little Girl.

4.A truly beautiful mind, 5. The snake and the mirror

POEMS

1. The Road Not Taken 2. Wind 3. Rain on the roof, 4. The lake Isle of Innisfree

Moments

1.The Lost Child, 2. The adventures of Toto , 3. Iswaran the Storyteller, 4.In the kingdom of fools, 5. The Happy Prince

Grammar : Determiners, Subject-Verb-Concord, Modals, Integrated Grammar, Reported Speech, Poetic Devices

Writing: Paragraph Writing, Diary Entry

Reading Comprehension- Unseen Passages

(PT-2)

Beehive

1.The Fun They Had, 2.The sound of Music 3.The Little Girl.

4.A truly beautiful mind, 5. The snake and the mirror, 6. My Childhood, 7. Reach for the top, 8. Kathmandu

POEMS

1. The Road Not Taken 2. Wind 3. Rain on the roof, 4. The lake Isle of Innisfree, 5. A legend of the Northland,6. No Men Are Foreign

Moments

1.The Lost Child, 2. The adventures of Toto , 3. Iswaran the Storyteller, 4.In the kingdom of fools, 5. The Happy Prince, 6.The last leaf,
7. A house is not a home

Grammar : Determiners, Subject-Verb-Concord, Modals, Integrated Grammar, Reported Speech, Commands and Requests, Tenses, Poetic Devices

Writing: Paragraph Writing, Diary Entry

Reading Comprehension- Unseen Passages

Annual Exam

Beehive+ Moments – All topics

Grammar-- All topics

Writing skill – All topics



MIS INTERNATIONAL SCHOOL
Yearly Planner (2023-24)

Grade: 10

Subject: Hindi

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	<p>स्पर्श कविता-१. कबीर की साखी</p> <p>स्पर्श पाठ - १. बडे भाई साहब (कहानी)</p>	<p>दोहा छंद तथा साखी से परिचित होकर उपयोग करेंगे। वाणी का महत्व प्रस्तुत करना। निंदक की आवश्यकता बताना। ईश्वर भक्ति में रूचि वृद्धि। लोक व्यवहार, नीति ज्ञान से परिचय। बाल मनोविज्ञान का आकलन। शिक्षा पद्धति के सही-गलत पहलू की जानकारी होगी। लिखित और मौखिक कौशल का विकास। भाषाज्ञान और शब्द भंडार का विकास। सामान्य ज्ञान को बढ़ाना। परिवार से प्रेम का महत्व समझेंगे। अध्ययन का महत्व समझकर ध्यान देंगे। अपठित गद्यांश के प्रश्नों के उत्तर लिखना। पदबंध की प्रक्रिया को समझना। अनुच्छेद लेखन की प्रक्रिया और प्रारूप को समझना।</p>	<p>कबीर जी के साहित्य की जानकारी एकत्रित करना।</p> <p>कबीर की साखियों को याद करना।</p> <p>शिक्षा रटत विद्या नहीं है- इस विषय पर परिचर्चा।</p> <p>आपकी छोटी बहन/भाई छात्रावास में रहती/रहता है। उसकी पढाई-लिखाई के संबंध में</p>	18

	<p>व्याकरण – पदबंध, रचना के आधार पर वाक्य के भेद</p> <p>अपठित गद्यांश अनुच्छेद लेखन</p>		<p>उसे एक पत्र लिखिए। रचना के आधार पर वाक्य रूपांतरण कीजिए। अपठित गद्यांश के प्रश्नोत्तर लिखिए। दिए गए विषयों पर अनुच्छेद लिखिए।</p>	
June	<p>स्पर्श पाठ – २. डायरी का एक पन्ना</p> <p>स्पर्श कविता-२. मीरा के पद</p> <p>व्याकरण - समास</p> <p>अपठित पद्यांश</p> <p>पत्र लेखन</p>	<p>स्वयं डायरी लिखने की योग्यता का विकास। देशभक्ति की भावना का विकास। समाज में जीवन के प्रति स्वस्थ दृष्टिकोण का निर्माण करना। ईश्वर भक्ति में आस्था का निर्माण। श्रीकृष्ण की भक्ति का महत्व समझना। लोक व्यवहार, नीति ज्ञान से छात्रों का परिचय कराना। पठित पद्यांश के प्रश्नों के उत्तर लिखना। समास के भेद और उदाहरण समझना।</p>	<p>भारतीय स्वतंत्रता संग्राम की जानकारी एकत्रित करना। दूसरे स्वाधीनता दिवस पर संक्षेप में एक लेख लिखिए।</p> <p>मीराबाई की जानकारी एकत्रित करना।</p> <p>मीराबाई के पदों का संग्रह करना। आपकी छोटी बहन/भाई छात्रावास में रहती/रहता है। उसकी पढाई-लिखाई के संबंध में उसे एक पत्र लिखिए। समास के भेदों के 5-5 उदाहरण लिखिए।</p>	20
July	<p>स्पर्श कविता - ३. मनुष्यता (कविता)</p>	<p>उदारता, मनुष्यता, विनयशीलता आदि गुणों का विकास। पौराणिक कथा और पात्रों से परिचित। गर्व, अहंकार का त्याग करना। लेखन और वाचन कौशल का विकास।</p>	<p>हरिऔध की कर्मवीर कविता को पढ़ना। भवानी प्रसाद मिश्र की 'प्राणी वही प्राणी है' कविता पढ़ना। उपर्युक्त दोनों कविताओं के भावों</p>	23

	<p>स्पर्श पाठ -३. ततौरा-वामीरो कथा</p> <p>व्याकरण- रचना के आधार पर वाक्य रूपांतरण</p> <p>पठित गद्यांश पठित पद्यांश विज्ञापन लेखन</p>	<p>चिंतन-मनन द्वारा बौद्धिक क्षमता का विकास।</p> <p>भारतीय संस्कृति से जुड़ाव उत्पन्न होगा। लोकभाषा के प्रति आकर्षण का निर्माण। समाज में व्याप्त अंधविश्वासों और रुढ़िवादिता का ज्ञान।</p> <p>चिंतन-मनन द्वारा बौद्धिक क्षमता का विकास।</p> <p>विचार अभिव्यक्ति की क्षमता का विकास।</p> <p>वर्तमान सामाजिक परिवेश के प्रति जागरूकता।</p> <p>विज्ञापन का लेखन करना।</p>	<p>में व्यक्त समानता को लिखना।</p> <p>भारत में प्रचलित किसी एक लोककथा का संग्रह करना।</p> <p>किसी एक लोककथा को कक्षा में सुनाना।</p> <p>रचना के आधार पर वाक्य रूपांतरण कीजिए।</p>	
August	<p>स्पर्श पाठ -४ . अब कहाँ दूसरों के दुख से दुखी होनेवाले (निबंध)</p> <p>स्पर्श कविता – ४. पर्वत प्रदेश में पावस</p>	<p>तमाम जीवधारियों की रक्षा के लिए मनोभूमिका का निर्माण। पर्यावरण संवर्धन का कार्य करना। सभी को सुख-दुख में साथ देना। नए शब्द भंडार से परिचय।</p> <p>निसर्ग का चित्रण।</p> <p>प्रकृति के प्रति जागरूकता का निर्माण।</p> <p>निसर्ग और मनुष्य के संबंध एक दूसरे के लिए पूरक यह आकलन।</p> <p>बदलते परिवेश की जानकारी होगी। नैतिक मूल्यों से अवगत।</p>	<p>पशु पक्षियों की जानकारी एकत्रित करना।</p> <p>किसी ऐसी घटना का वर्णन कीजिए जब अपने मनोरंजन के लिए मानव द्वारा पशु पक्षियों का उपयोग किया गया हो।</p> <p>वर्षा ऋतु पर लिखी गई अन्य कवियों की कविताओं का संग्रह कीजिए।</p> <p>बारिश, झरने, बादल, कोयल, पानी, पक्षी, सूरज, फूल, फल, हरियाली आदि या कोई भी प्रकृति विषयक शब्द का प्रयोग करते हुए एक कविता लिखने का प्रयास कीजिए।</p>	24

	<p>संचयन- 1. हरिहर काका</p> <p>व्याकरण- मुहावरे</p> <p>अपठित गद्यांश</p> <p>लघुकथा लेखन</p> <p>सूचना लेखन</p>	<p>स्वार्थ का त्याग करना।</p> <p>लघुकथा का लेखन करना।</p> <p>मुहावरे का अर्थ समझना।</p> <p>निर्धारित विषय पर सूचना लेखन करना।</p>	<p>मिथिलेश्वर की जानकारी एकत्रित करना।</p> <p>अपनी किसी शरारत को कक्षा में सुनाना।</p> <p>मुहावरे का अर्थ लिखकर वाक्य में प्रयोग कीजिए।</p>	
September	Revision			21
October	<p>स्पर्श पाठ -५ .पतझर में टूटी पत्तियाँ</p> <p>स्पर्श कविता- ५. तोप</p> <p>संचयन पाठ – २ . सपनों के से दिन (कहानी)</p> <p>लेखन- सूचना लेखन, पत्रलेखन</p>	<p>जीवन में आदर्श को अपनाना।</p> <p>आदर्श और व्यवहार का अंतर समझना।</p> <p>वर्तमान में जीना की प्रेरणा मिलेगी।</p> <p>ध्यान पद्धति की जानकारी।</p> <p>देशप्रेम की भावना का विकास।</p> <p>प्राचीन धरोहर को संभालना।</p> <p>लोक व्यवहार, नीति ज्ञान से छात्रों का परिचय कराना।</p> <p>अनुशासन का महत्व समझना।</p> <p>बचपन की खुशी का ज्ञान होकर प्रसन्नता और सकारात्मकता का निर्माण।</p> <p>पाठशाला का महत्व समझेगा।</p> <p>लेखन और वाचन कौशल का विकास।</p> <p>चिंतन-मनन द्वारा बौद्धिक क्षमता का विकास।</p>	<p>गांधीजी के योगदान पर परियोजना कार्य।</p> <p>पाठ में वर्णित 'टी-सेरेमनी' का शब्द चित्र प्रस्तुत कीजिए।</p> <p>स्वतंत्र सेनानियों की जीवनी पढ़ना।</p> <p>वीर क्रांतिकारियों की जानकारी एकत्रित कर कक्षा में सुनाइए।</p> <p>विवेकानंदजी के बचपन की जानकारी एकत्रित करना।</p> <p>अपनी किसी शरारत को कक्षा में सुनाना।</p>	23

	व्याकरण- पदबंध, मुहावरे (पुनरावर्तन)	निर्धारित विषय पर सूचना लेखन करना।		
November	<p>स्पर्श पाठ -६. कारतूस (कहानी)</p> <p>स्पर्श कविता-६. कर चले हम फिदा</p> <p>स्पर्श कविता-७. आत्मत्राण व्याकरण- समास (पुनरावर्तन) व्याकरण - रचना के आधारपर वाक्य रूपांतरण (पुनरावर्तन)</p>	<p>देशप्रेम की भावना को जागृत करना। हिम्मत और चलाखी का सही समय पर प्रयोग करना। स्वतंत्रता सेनानियों की जानकारी होना।</p> <p>भारतीय सैनिकों के पराक्रम का अध्ययन करना। फिल्म जगत और संगीत में रुचि निर्माण। देश के लिए सर्वस्व त्याग करने की प्रेरणा विकसित होना। सैनिक के जीवन की चुनौतियों से अवगत होना। स्वयं काव्य-लेखन और वाचन कौशल का विकास। अनूदित कविताओं की जानकारी देना। स्वविश्वास और स्वनिर्णय क्षमता का विकास। चिंतन-मनन द्वारा बौद्धिक क्षमता का विकास।</p>	<p>रॉबिनहूड के कारनामों के बारे में जानकारी हासिल करना। कुछ एकांकी और नाटकों की सूची तैयार करना।</p> <p>हकीकत इस फिल्म को कक्षा में दिखाइए।</p> <p>‘आजादी का अमृत महोत्सव’ इस विषय पर निबंध लिखना। ‘फिल्म का समाज पर प्रभाव’ इस विषय पर परिचर्चा।</p> <p>शांति निकेतन की जानकारी एकत्र कीजिए। ‘गीतांजली’ काव्य पढ़िए। ‘नोबेल पुरस्कार’ की जानकारी एकत्र कीजिए।</p>	18
December	<p>संचयन पाठ – ३. टोपी शुक्ला व्याकरण- समास (पुनरावर्तन)</p>	<p>बच्चों के विकास को दर्शाना। सांप्रदायिक एकता और परस्पर सहयोग करना। अनुशासन से कार्य करने की प्रेरणा।</p>	<p>अपनी किसी शरारत को कक्षा में सुनाना।</p> <p>‘मेरा बचपन’ इस विषय पर</p>	19

			અનુચ્છેદ લિખિે।	
January	Revision			23
February	Revision			22
March	Exam			11



MIS INTERNATIONAL SCHOOL
Yearly Planner (2023-24)

Grade: 10

Subject - SST 1

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	History Ch. 1: The Rise of Nationalism in Europe	<p>Students will critically think about how the advent of the idea of nation.</p> <p>Students will develop citizenship through understanding the contribution of the common mass in the emergency of nation state.</p> <p>Students would be able to enhance their creativity by reflecting on how could the common mass of people contribute to the growth of nationalism.</p> <p>Students would be able to enhance their communication skills by debating on how common mass of people contribute to the</p>	Group Discussion	15

		growth of nationalism and patriotism		
June	<p>Democratic Politics CH-1 Power Sharing</p> <p>History Ch-2 Nationalism in India</p>	<p>Students will be able to : understand and familiarize with the centrality of power sharing in a democracy. Understand the working of spatial and social power sharing mechanisms.</p> <p>To understand the economic and social situations created by the first world war critically examine the impact of the Rowlatt Act and empathize with the Jallianwala Bagh massacre, significance of Salt Satyagraha and Gandhi-Irwin pact. Analyze the various interpretation of Swaraj by different sections of the population.</p>	<p>Poster making</p> <p>Peer comparing</p>	<p>8</p> <p>15</p>
July	Democratic Politics Ch-2 Federalism	<p>Students will be able:</p> <p>To Define Federalism</p> <p>Enumerate the key features of federalism</p> <p>Differentiate between coming</p>	Q/Ans	8

	<p>History Ch-3 The Making of a Global World</p>	<p>together and holding together federations. Outline the process and analyze the need of decentralization in India</p> <p>Students will able to Analyse the factors which led to globalization Understand the importance of silk route Examine the role of technology Analyse the impact of the first World war on the World</p>	<p>Fill in the blanks on the basis of the chapter</p>	<p>15</p>
<p>August</p>	<p>Democratic Politics Ch-4 Gender, Religion and Caste</p> <p>History Ch-4 The Age of Industrialisation</p>	<p>Students will be able to get the knowledge of gender, religion and caste.</p> <p>Students understand how gender, religion and caste responds to social differences.</p> <p>Students will able to discuss the different patterns of Industrialization.</p> <p>Understand the different terms and concepts. Identify the industrial locations and international marketing places on world map.</p>	<p>Make a poster how Women in comparison with men from 1950 to 2011</p>	

		Critically analyze how industrialization responsible for the globalization , urbanization and environmental degradation.		
September	Half-Year Exam	History Ch-1 , 2 and 3 Democratic Politics: Ch-1,2 and 4		15
October	History Ch-5 Print Culture and the Modern World. Democratic Politics Ch-6 Political Parties	Students will be able to Identify different techniques incorporated to create printed materials like Accordion books. Describe the process of invention of printing press by Gutenberg in Germany Collaboratively work and apply knowledge to conclude the role of print in the freedom struggle of India. Students will able to understand: Meaning of Political Parties Necessity of the Political Parties	Make Political Party Symbols	9
November	Democratic Politics Ch-7 Outcomes of Democracy	Students will able to understand Importance of democracy and about its various outcomes Expect democracy to be accountable , responsive, and legitimate	Debate	10

		Analyse the role of democracy in the economic growth and development		
December	Pre board Exam			
January	Pre board Exam			
February	Board Exam			
March				

	<p>Geography Ch-2 Forest and Wildlife resources.</p> <p>Economics Ch-2 Sectors of India Economy.</p>	<p>Students will be able : To understand the importance of biodiversity with regard to flora and fauna in India</p> <p>Students will be able: To analyse the importance of conservation of forests and wildlife</p> <p>To understand the major employment generating sectors. Students will be able to reason out the government investment in different sectors of the economy.</p>	<p>Poster making Chipko movement</p> <p>Group Discussion 3 sectors in Indian economy</p>	
July		Students will be able: To comprehend the	Collect information on how industries are	

	<p>Geography Ch-3 Water Resources</p> <p>Economics Ch- 3 Money and Credit</p>	<p>importance of water as a resource. The students will develop awareness towards its judicious use and conservation. Learners will understand money as an economic concept.</p> <p>Students will be able to understand the role of financial institutions from the point of view of day-to-day life.</p>	<p>polluting our water resources</p> <p>Activity on Pg 47. Economics TB.</p>	
August	<p>Geography Ls-4 Agriculture</p>	<p>Students will be able to understand the different types of farming, cropping pattern. Students will be able to speak and understand the impact of globalization on agriculture.</p>	<p>Puzzle solving. Economics textbook pg. no 47.</p>	
September	<p>Half Yearly Revision</p>	<p>Geography: Ls.1,,Ls-2,, Ls-3,, Ls-4. Economics: Ls-1,, Ls-2,,Ls-3</p>		10
October	<p>Geography Ch: 5 Minerals and Energy</p>	<p>Students will be able to</p>	<p>Collect information about newly established solar power plants in India</p>	

	<p>Resources</p> <p>Economics Ch-4 Globalization and the Indian Economy</p>	<p>understand the different types of minerals and energy resources and places of their availability. Students will understand the production across countries.</p> <p>.</p>	<p>Collage work Collect information and pictures about any industry of your choice and do collage.</p>	9
November	<p>Geography Ch-6 Manufacturing Industries</p> <p>Ch-7 Lifelines of National Economy</p>	<p>The students will understand the importance of industries in the national economy</p> <p>The learners will understand the role of trade and tourism in the economic development of a country.</p> <p>Students will feel the need for</p>	<p>Select any one agro-based and one material based industry (District) and give information about it.</p> <p>On the political map show important tourist places of your state.</p> <p>Project Consumer Awareness Project</p>	10

	Economics Ls-5 Consumer Rights	their judicious utilization. Learners will get familiarized with the rights and duties as a consumer. Learners will learn about the legal measures available to protect from being exploited in markets.		
December	Pre board Exam			
January	Revision			
February	Revision			
March	Board Exams			



MIS INTERNATIONAL SCHOOL

Yearly Planner (2023 -24)

Grade: X

Subject: Science

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	Chapter 1 - Chemical reactions and equations	Learners will be able to- <ul style="list-style-type: none"> • Apply scientific concepts in daily life and solving problems. • Draw conclusion. • Differentiate and classify materials/ objects/ organisms/ phenomena/ processes. • Calculate using the data given. • Use scientific conventions / symbols /equations to represent various quantities/ elements / units. • Derive formulae/ equation. 	Performing and observing the following reactions and classifying them into: A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction (i) Action of water on quicklime (ii) Action of heat on ferrous sulphate crystals (iii) Iron nails kept in copper sulphate solution (iv) Reaction between sodium sulphate and barium chloride solutions.	10
	Chapter 7 – Control and Coordination	<ul style="list-style-type: none"> • Define reflex action, Tropic and Nastic movements. • Identify the different parts of the brain. • Differentiate the different types of nerves based on structure and function. • Understand the communication between CNS and parts of the body and the mechanism of reflex action. • Acquire knowledge about the structure and function of nervous system in animals and coordination in plants. • Appreciate the role of feedback mechanism of endocrine system in our life. 	To study the phenomenon of phototropism and geotropism in plants. Experiment to demonstrate plant bends towards the light. Identify the endocrine glands mentioned in the figure.	10
		•		

June	Chapter 12 - Electricity	<ul style="list-style-type: none"> Plan and conduct investigations/ experiments to arrive at and verify the facts / principles/phenomena or to seek answers to queries on their own. Explain processes and phenomena with causes/ effects. Calculate using the data given. Use scientific conventions / symbols Measure physical quantities using appropriate apparatus/ instruments/ devices /equations to represent various quantities/ elements / units. Derive formulae/ equations/laws. Apply scientific concepts in daily life and solve problems. 	<p>Make an electric circuit using potatoes (or lemon), connecting wires, LED bulb and a switch.</p> <p>To study the relation between potential difference through a conductor and the current through it: Ohm's Law</p>	10
	Chapter 2 – Acids bases and Salts	<ul style="list-style-type: none"> Differentiate and classify materials/ objects / organisms / phenomena/ processes. Plan and conduct investigations/ experiments to arrive at and verify the facts/ principles/ phenomena or to seek answers to queries on their own. Relate processes and phenomena with causes/effects. Explain processes and phenomena with causes/ effects. Analyse and interpret data /graph /figure Measure physical quantities using appropriate apparatus/ instruments/devices. 	<p>A. Finding the pH of the following samples by using pH paper/universal indicator:</p> <p>(i) Dilute Hydrochloric Acid</p> <p>(ii) Dilute NaOH solution</p> <p>(iii) Dilute Ethanoic Acid solution</p> <p>(iv) Lemon juice</p> <p>(v) Water</p> <p>(vi) Dilute Hydrogen Carbonate solution</p> <p>B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with:</p> <p>a) Litmus solution (Blue/Red)</p> <p>b) Zinc metal</p> <p>c) Solid sodium carbonate</p>	8
	Chapter 8 - How do organisms reproduce?	<ul style="list-style-type: none"> Relate processes and phenomena with causes/effects. Explain processes and phenomena with causes/ effects. 	<p>Separating the various parts of any 5 flowers displaying and comparing them.</p> <p>Growing some</p>	10

		<ul style="list-style-type: none"> • Draw labeled diagrams /flow charts/ concept map /graphs. • Apply scientific concepts in daily life and solving problems. • Draws conclusion. 	plants by vegetative propagation.	
July	Chapter 13 - Magnetic effect of electric current	<ul style="list-style-type: none"> • Relate processes and phenomena with causes/effects. • Explain processes and phenomena with causes/ effects. • Use scientific conventions / symbols /equations to represent various quantities/ elements / units. • Derive formulae/ equation. • Take initiative to know about scientific discoveries/ inventions. • Classify materials/ objects / organisms /phenomena /processes. • Exhibit creativity in designing models using eco-friendly resources. 	A video on the Magnetic Field lines and with the help of a bar magnet and compass needle magnetic field lines are plotted in a plane sheet.	
August	Chapter 6 - Life processes	<ul style="list-style-type: none"> • Differentiate materials/ objects / organisms / phenomena/processes. • Plan and conducts investigations/ experiments to arrive at and verify the facts/ principles/phenomena or to seek answers to queries on their own. • Explain processes and phenomena with causes/ effects. • Draw labeled diagrams /flow charts/concept map /graphs. • Exhibit creativity in designing models using eco-friendly resources. 	Experimentally show that carbon dioxide is given out during respiration.	8

September	Chapter 3 – Metals and non-metals	<ul style="list-style-type: none"> Classify materials/ objects / organisms /phenomena /processes. Explain processes and phenomena with causes/ effects. Draw labeled diagrams /flow charts/concept map /graphs. Analyse and interpret graphs/ figures. 	<p>A. Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: (i) $\text{ZnSO}_4(\text{aq})$ (ii) $\text{FeSO}_4(\text{aq})$ (iii) $\text{CuSO}_4(\text{aq})$ (iv) $\text{Al}_2(\text{SO}_4)_3(\text{aq})$ B. Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.</p>	4
	Chapter 10 - Light-reflection and Refraction	<ul style="list-style-type: none"> Plan and conduct investigations/ experiments to arrive at and verify the facts/ principles/phenomena or to seek answers to queries on their own Explain processes and phenomena with causes/ effects Draw labeled diagrams /flow charts /concept map /graphs Relate processes and phenomena with causes/effects Analyze and interpret graphs/ figures, Calculate using the data given Use scientific conventions / symbols /equations to represent various quantities/ elements / units. Derive formulae/ equations. 	<p>Determination of the focal length of (i) Concave mirror and (ii) Convex lens by obtaining the image of a distant object.</p> <p>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.</p>	4
	Chapter 9 - Heredity and Evolution	<ul style="list-style-type: none"> Explain processes and phenomena with causes/ effects. Draw labeled diagrams /flow charts/concept map /graphs. Draw conclusion. Take initiative to know about scientific discoveries/inventions. 	<p>Study of homologous and analogous organs with suitable specimens.</p> <p>Finding out Mendelian monohybrid and Dihybrid ratio by using pea seeds (Colour of the seed, Shape of the seeds)</p>	6

October	Chapter 4 – Carbon and its compounds	<ul style="list-style-type: none"> • Differentiate and classify materials/ objects / organisms / phenomena/ processes. • Plan and conduct investigations/ experiments to arrive at and verify the facts/ principles/phenomena or to seek answers to queries on their own. • Draw labeled diagrams /flow charts/concept map /graphs. • Use scientific conventions / symbols /equations to represent various quantities/ elements / units. • Derive formulae/ equation. 	Identify and name the functional groups present in the given compounds.	10
	Chapter 15 - Our environment	<ul style="list-style-type: none"> • Apply learning in hypothetical situation. • Apply scientific concepts in daily life and solving problems. • Differentiates and classifies materials/ objects / organisms / phenomena/ processes. • Make efforts to conserve environment realizing the interdependency and interrelationship in the biotic and abiotic factors of environment. 	<p>Make a list of biodegradable and non-biodegradable wastes</p> <p>Make a list of natural and man-made ecosystems.</p> <p>Prepare models of food chains and food webs.</p> <p>Draw the biogeochemical cycles.</p> <p>Identify the various sources of biological magnifications taking place in your village.</p>	3
November	Revision			3
	PT 2			4
December	Revision			
January	Pre-Boards			
February	Sample Papers Discussion			
March	CBSE BOARD EXAMINATION			

NOTE: PT -1 : Ch 1 ,Ch 7

Term-1 :
PT -1 :



MIS INTERNATIONAL SCHOOL

Yearly Planner (2023-2024)

Grade: 10

Subject: Artificial intelligence (417) (Skill Subject)

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	Unit 3: Advance Python Unit 3: Basic Information and Communication Technology Skills-II	Students demonstrate Session: Jupyter Notebook Session: Introduction to Python Session: Python Basics <ul style="list-style-type: none"> Students demonstrate distinguish between different operating systems. Students can apply basic skills for care and maintenance of computer. 	Practice based Questions <ul style="list-style-type: none"> Installing Jupyter Notebook Identification of taskbar, icons, menu, etc. Demonstration and practicing of creating, renaming and deleting files and folders, saving files in folders and sub- folders, saving files and folder, restoring files and folders from recycle bin 	16
June	EVALUATION	Students will create <ul style="list-style-type: none"> Confusion Matrix Evaluation Score Calculation 	Session: Introduction to Model Evaluation Session & Activity: Confusion Matrix Session: Understanding Accuracy, Precision, Recall & F1 Score Activity: Practice Evaluation	16
June	Data Science	Students will create a <ul style="list-style-type: none"> Concepts of Data Sciences 	Session: Introduction to Data Science Session: Applications of Data Science	10
June /July	INTRODUCTION TO AI	Students will evaluate <ul style="list-style-type: none"> Foundational concepts of AI 	Session: What is Intelligence? Session: Decision Making. • How do you make decisions? • Make your choices!	16

September	Half yearly Exam			
October	COMPUTER VISION	<p>Students will know</p> <ul style="list-style-type: none"> • Introduction • Concepts of Computer Vision • OpenCV • Convolution Operator • Convolution Neural Network 	<p>Session: Introduction to Computer Vision</p> <p>Session: Applications of CV</p> <p>Session & Activity: Understanding CV Concepts</p> <ul style="list-style-type: none"> • Pixels • How do computers see images? • Image Features <p>Session: Introduction to OpenCV</p> <p>Hands-on: Image Processing</p> <p>Session: Understanding Convolution operator</p> <p>Activity: Convolution Operator</p> <p>Session: Introduction to CNN</p> <p>Session: Understanding CNN</p> <ul style="list-style-type: none"> • Kernel • Layers of CNN 	16
	Unit 4: Entrepreneurial Skills-II	List the characteristics of successful entrepreneur	<ul style="list-style-type: none"> • Writing a note on entrepreneurship as career option • Collecting success stories of first generation and local entrepreneurs • Listing the entrepreneurial qualities analysis of strength and weaknesses • Group discussion of self – qualities that 	10

	Unit 5: Green Skills-II	Demonstrate the knowledge of importance, problems and solutions related to sustainable development	<p>students feel are needed to become successful entrepreneur</p> <ul style="list-style-type: none"> • Collect information and related data for a business <p>Make plan in team for setting up a business</p> <p>Activity: Testing</p> <ul style="list-style-type: none"> • Identify the problem related to Sustainable development in the community • Group discussion on the importance of respecting and conserving indigenous knowledge and cultural heritage • Discussion on the responsibilities and benefits of environmental citizenship, including the conservation and protection of environment values. • Preparing models on rain water harvesting, drip/ sprinkler irrigation, vermin compost, solar energy, solar cooker. 	
November	NATURAL LANGUAGE PROCESSING	<p>Students will knows</p> <ul style="list-style-type: none"> • Introduction • Chatbots • Language Differences • Concepts of Natural Language Processing 	<p>Session: Introduction to Natural Language Processing</p> <p>Session: NLP Applications</p> <p>Session: Revisiting AI Project Cycle</p> <p>Activity: Introduction to Chatbots</p> <p>Session: Human Language VS Computer Language</p> <p>Hands-on: Text processing</p> <ul style="list-style-type: none"> • Data Processing • Bag of Words • TFIDF • NLTK 	16

December	Revision and Exam	16
January	Revision and Exam	16
February	Revision and Exam	16
March	Annual Exam	



MIS INTERNATIONAL SCHOOL

Yearly Planner (2023-24)

Grade: X

Subject - English

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	FIRST FLIGHT - 1: A Letter to God	<ul style="list-style-type: none"> To make the learners understand the importance of faith. To make the learners believe that faith can move mountains. To note the restorative power of Nature. 	Exercises Reference to Context Question Answers EXTEMPORE	4
	Poems: Dust of Snow Fire And Ice	Students will be able: <ul style="list-style-type: none"> To understand the thought and imagination contained in the poem. To think about different human emotions and their effect. To write their feelings in the form of short poems. To move from factual understanding to critical thinking. 	Reference to Context Question Answers	2 2
	GRAMMAR Gap Filling, Editing, Integrated Grammar			4

	Order Letter	<p>Students will be able:</p> <ul style="list-style-type: none"> • To express effectively develop appropriate style of writing. • To write effectively To differentiate the style of expressing different writing skills knowledge of the purpose and importance of writing short and long letters • To be able to practically make use of writing skills 	Letter Writing	4
	<p>2: Nelson Mandela: Long Walk to freedom</p> <p>WRITING - Formal Letter of Complaint</p>	<p>Students will be able:</p> <ul style="list-style-type: none"> • To understand the consequences of discrimination and how to rise above prejudices • To become the change makers instill a feeling of patriotism and work for the betterment of society <p>Students will be able:</p> <ul style="list-style-type: none"> • To express effectively develop appropriate style of writing. • To write effectively • To differentiate the style of expressing different writing skills knowledge of the purpose and importance of writing short and long letters • To be able to practically make use of writing skills 	<p>Reference to Context</p> <p>Question Answers</p>	<p>4</p> <p>3</p>

June	FIRST FLIGHT	<ul style="list-style-type: none"> Students will be able: To understand the dangers of deforestation and blessings of forestation. 		3
	Poems: 3. A Tiger in the Zoo	<ul style="list-style-type: none"> To understand the identifying features of few animals 	Exercises	3
	4. How to tell Wild Animals	Students will be able: <ul style="list-style-type: none"> To understand that dog is the most faithful pet. To understand that declined health was the outcome of Mrs Pumphrey's over caring nature. 	Reference to Context	
	FOOTPRINTS WITHOUT FEET 1: A Triumph OF Surgery	<ul style="list-style-type: none"> understand the pompous nature of the rich 	Question Answers	
	2: The Thief's Story	Students will be able: <ul style="list-style-type: none"> To understand importance of education. To understand the two different characters i.e. Anil & Hari Singh 	Reference to Context	3
July	FIRST FLIGHT - 3: Two Stories about Flying	Students will be able: <ul style="list-style-type: none"> To enable the students to share their personal experiences To understand that to 	Exercises	4
			Reference to Context	

	<p>i) His First Flight</p> <p>ii) Black Aeroplane</p> <p>Poems: Amanda!</p> <p>FOOTPRINTS WITHOUT FEET 3: The Midnight Visitor</p> <p>4: A Question of Trust</p>	<p>succeed one has to put in hard work</p> <ul style="list-style-type: none"> To make them believe of the mysteries that exists in this world. To help them think critically whether such mysteries really exist. To help them arrive at a conclusion if an aeroplane can fly and land safely even in an odd condition as mentioned in the lesson. <p>Students will be able:</p> <ul style="list-style-type: none"> To understand the importance of loss and responsibility in life. analyze that the world is full of possessions and money is an external item To enable the students to use new words and phrases of English. To enable the students understand and enjoy the theme and language by reading Amanda. To enable the students to be specific in reflection, expression and individual opinion and deeper understanding of Amanda <p>To enable the students</p> <ul style="list-style-type: none"> to imbibe and analyse different situations and characters. 	<p>Question Answers</p> <p>Exercises</p> <p>Reference to Context</p> <p>Question Answers</p> <p>MA-1(Art Integrated Project) -Collage of different kinds of parenting techniques(illustrations or pictures) with brief write up based on poem Amanda</p> <p>Portfolio-1 – Presentation of</p>	<p>6</p> <p>2</p> <p>3</p>
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		<ul style="list-style-type: none"> • develop the ability to plan events • realize the importance of presence of mind • develop the ability to think quickly, act calmly and wisely in a situation of danger or surprise • To inculcate moral values 	Classwork, Homework of Term 1 lessons will be assessed	4
	<p>GRAMMAR Determiners, Tenses, Modals, Subject verb Agreement</p> <p>WRITING Letter of Inquiry</p>	<p>Students will be able:</p> <ul style="list-style-type: none"> • To Strengthen usage of grammar • To use correct grammar while expressing orally and in writing. • To express effectively • To share ideas and develop appropriate style of writing. • To write effectively 	<p>Exercises</p> <p>Reference to Context</p> <p>Question Answers</p> <p>Letter Writing</p>	<p>6</p> <p>4</p>

August	FIRST FLIGHT 4: From the Diary of Anne Frank	<ul style="list-style-type: none"> To empathize and relate to Anne Frank To understand the importance of teacher To understand child psychology To value all animals 	Exercises	3
	6- Mijbil the otter	<ul style="list-style-type: none"> To analyse the importance of presence of mind and face the situation rather than running away. develop the ability to think quickly, act calmly and wisely in a situation of danger or surprise 	Reference to Context Question Answers SE-1 Assessment of listening and speaking (Term1) Group discussion based on the lesson Anne Frank, Nelson Mandela	5 3
	Poems: The Ball Poem	To enable the students - <ul style="list-style-type: none"> To imbibe values like empathy, respect, care and concern, faith, peace and patience, compassion 	Exercises Reference to Context Question Answers	
	FOOTPRINTS WITHOUT FEET 5. Footprints without feet	<ul style="list-style-type: none"> To understand that knowledge should be used for betterment of humanity To help the society in developing with one's intellect To understand that over ambition results in frustration <p>To enable the students to imbibe- -inculcate competitive spirit in them. -develop their</p>	Exercises Reference to Context Question Answers	3

	<p>6. The making of a scientist</p> <p>10. For Anne Gregory</p>	<p>curiosity to enhance their knowledge, learning, be observant and unending hunger to discover more.</p> <ul style="list-style-type: none"> -research and do indepth study. -share their knowledge with others. -do real experiments to test their findings and relate with real life situations. -develop competitive spirit. -develop their reading habit. -develop a strong desire to work really hard on their area of interest. <p>To enable the students to imbibe-</p> <ul style="list-style-type: none"> ● Appreciation ● Respect ● Beauty of thought ● Purity of Soul ● Acceptance ● Accept Challenges ● Courage to face the reality 	<p>Exercises</p> <p>Reference to Context</p> <p>Question Answers</p>	<p>4</p> <p>3</p>
	<p>GRAMMAR - Reported Speech-Statements, Questions, Commands and requests</p>	<p>Students will be able</p> <ul style="list-style-type: none"> • To use of important rules application of knowledge • To Express effectively • To develop appropriate style • of writing grammatically correct sentences. 	<p>Exercises</p>	<p>6</p>

	<p>8. Fog</p> <p>9. The Tale of Custard the Dragon</p> <p>FOOTPRINTS WITHOUT FEET 7: The Necklace</p>	<p>unavoidable</p> <ul style="list-style-type: none"> To develop a love for literature in students. To introduce the students with life and works of Ogden Nash To enable the students comprehend the poem locally and globally. <p>The Students will be able</p> <ul style="list-style-type: none"> To know that satisfaction leads to contentment which is a key to happiness. To understand that acceptance of mistake will make the life easier in contrast to hiding the truth and paying for it later/or ruining your inner peace 	<p>refrigerator. However, within a month the the fridge developed some problems. Write a letter of complaint to the Manager of the showroom asking for a replacement of the faulty refrigerator.</p> <p>Reference to Context</p> <p>Question Answers</p> <p>Reference to Context</p>	<p>3</p> <p>3</p>
November	<p>FIRST FLIGHT - 7: Madam Rides The Bus</p> <p>8: The Sermon at Benaras</p>	<p>Students will be able:</p> <ul style="list-style-type: none"> To realise the lessons and experiences that travelling gives us To enjoy lighthearted literature. To get sensitised to the 	<p>Reference to Context</p> <p>Question Answers</p> <p>Reference to Context</p> <p>Exercises</p>	<p>4</p> <p>3</p>

	9: The Proposal	<p>fact that death is the ultimate truth in the world.</p> <ul style="list-style-type: none"> To enable them use new words and phrases in their own language. To help them know that nothing is permanent. To make them appreciate the efforts of different writers and their style. To make them aware of the Russian Wedding custom and culture 	<p>Reference to Context</p> <p>Question Answers Reference to Context</p> <p>Question Answers</p> <p>Portfolio-2 – Presentation of Classwork, Homework of Term 2 lessons will be assessed</p> <p>Exercises Reference to Context Question Answers Reference to Context Question Answers</p>	<p>4</p> <p>4</p> <p>3</p>
	<p>FOOTPRINTS WITHOUT FEET - 8: Bholi</p> <p>9: The Book that Saved the Earth</p>	<ul style="list-style-type: none"> To sensitize the students to the importance of education. To explain the importance of emotional security and family support for children. To indicate the need of love, encouragement and education for the disabled to fight against their odds To introduce the concept of Aliens, Martians. To help the students think futuristically. 	<p>SE-2- ASSESSMENT OF LISTENING AND SPEAKING (TERM II) Debate on Education and related topics</p>	<p>3</p> <p>5</p>
December	Revision (Whole syllabus)	Revision (Whole syllabus)	Revision (Whole syllabus)	Revision (Whole)

	Preboard-I(Whole syllabus)	Preboard-I(Whole syllabus)	Preboard-I(Whole syllabus)	syllabus) Preboard-I(Whole syllabus)
January	Preboard II (Whole syllabus) Revision	Preboard II (Whole syllabus) Revision	Preboard II (Whole syllabus) Revision	Preboard II (Whole syllabus) Revision
February	Board Examinations	Board Examinations	Board Examinations	Board Examinations
March	Board Examinations	Board Examinations	Board Examinations	Board Examinations



MIS INTERNATIONAL SCHOOL

Yearly Planner (2023-24)

Grade: X

Subject: German

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	L6: Magst du grüne Bohnen!	<ul style="list-style-type: none"> Children will be able to make sentences with "ob." Children will be able to present a topic. State advantages and disadvantages. Children will be able to conclude presentation. To thank everybody for their interests. 	<ul style="list-style-type: none"> Make sentences with ob. Make sentences with adjectives in nominative and accusative case without article 	20
June	L7:Die App die Dieb findet	<ul style="list-style-type: none"> Children will know the past tense of verbs. 	<ul style="list-style-type: none"> Make sentences in the past tense. Children will make a chart of their room and tell the directions. 	20
July	L7:Die App die Dieb findet Revision PT1 syllabus L6 & L7 (präteritum)	<ul style="list-style-type: none"> Children will be able to ask for directions and describe the route Children will 	<ul style="list-style-type: none"> Children will make sentences with "um", "über", gegenüber. <ul style="list-style-type: none"> Children will make a chart explaining 	15

		<p>know relative clause: relative pronoun with prepositions.</p> <ul style="list-style-type: none"> Children will know degrees of adjectives: comparative and superlative 	comparative and superlative degrees	
August	L8:Einfach sprache lernen	<ul style="list-style-type: none"> Children will be able to talk about limitations Children will be able to talk about one's own experience with foreign language 	<ul style="list-style-type: none"> .Children will make sentences with obwohl and weil Children will be able to read and solve questions related to them 	20
September	<p>Revision</p> <p>HY SYLLABUS</p> <p>L6, L7 & L8</p>			
October	L9: Deine Hilfe zählt	<ul style="list-style-type: none"> Children will be able to make sentences with relative pronoun "wo – was" Children will be able to make sentences with clause of time: "als" 	<ul style="list-style-type: none"> Children narrate about one's own life Children will be able to speculate and state the order of events. 	20

November	PT2 Revision (Whole syllabus)			
December	Preboard- I(Whole syllabus)			
January	Preboard- II (Whole syllabus) Revision			
February	Board Examinations			
March	Board Examinations			



MIS INTERNATIONAL SCHOOL
Yearly Planner (2023-24)

Grade: 10

Subject - Marathi

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	१.तू बुद्धी दे	<ul style="list-style-type: none"> या प्रार्थनेत सन्मार्ग, सन्मती आणि सत्संग याचे महत्व समजते. 	विद्यार्थ्यांकडून कविता ताला सुरात म्हणून घेतली.	19
	२.संतवाणी अंकला मी दास तुझा	<ul style="list-style-type: none"> अभंगातील भावार्थ समजला पाहिजे. विद्यार्थ्यांना महाराष्ट्रातील संस्कृती, संत, अभंग याची जाणीव करून देणे. अभंगातून परमेश्वर कृपेची याचना केली जाते.याची जाणीव करून देणे. 	<ul style="list-style-type: none"> संत नामदेव यांचा एक अभंग सांगा. संतवाणी ताला सुरात म्हणून घेतली. संत नामदेवयांच्या साहित्यातील एक अभंग किंवा भारुड, सांगा. 	
	<ul style="list-style-type: none"> व्याकरण- नाम, सर्वनाम 	<ul style="list-style-type: none"> नाम, सर्वनाम व त्याचे प्रकार समजतात. 	--	
	३.शाल	<ul style="list-style-type: none"> निर्जीव वस्तू व त्याच्याशी निगडीत असलेल्या संवेदनशील भावना यांच्या भावस्पर्शी संदर्भाचे वर्णन यातून पाहता येते. जुने ते सोने या संकल्पना ची माहिती 	<ul style="list-style-type: none"> वस्तूच्या संदर्भातील तुमच्या असलेल्या आठवणी सांगा. 	

		<ul style="list-style-type: none"> मुलांना सांगता आली. स्वतःचे विचार सुस्पष्टपणे मांडता येतात. 		
June	४.उपास	<ul style="list-style-type: none"> स्वतःचे विचार सुस्पष्टपणे मांडता येतात. पाठ्यपुस्तक आणि त्याच्याशी संबंधित इतर साहित्यांत आलेल्या नैसर्गिक, सामाजिक आणि इतर संवेदनशील मुद्द्यांना समजून घेऊन त्यावर चर्चा करतात. 	<ul style="list-style-type: none"> तुम्ही केलेला एखादा संकल्प व त्याची पूर्ती याबद्दल अनुभव सांगा. 	19
	व्याकरण- विशेषण, क्रियापद	विशेषण व त्याचे प्रकार, क्रियापद, वाक्याचे प्रकार.	<ul style="list-style-type: none"> चिट्टीत आलेल्या विशेषणाचे वाक्य बनवून सांगा. 	
July	५.दोन दिवस	<ul style="list-style-type: none"> जीवनात येणारी सुख, दुख गोड मानून आनंदाने जगावे. 	<ul style="list-style-type: none"> कवी नारायण सुर्वे यांची कविता सांगा . 	21
	व्याकरण	वचन,लिंग,जोडशब्द, अव्यय,	जोड्या लावा.	
August	मोठे होत असलेल्या मुलानो (स्थुलवाचन)	<ul style="list-style-type: none"> कोणतेही काम कमी दर्जाचे नसते. कष्टाचे महत्व समजून सांगणे 	<ul style="list-style-type: none"> तुम्ही केलेल्या कामा विषयी माहिती लिहा. 	22
	६.चुडीवाला	<ul style="list-style-type: none"> विद्यार्थीना समाजाकडून उपेक्षित व कुष्ठरोगी लोकांच्या आयुष्यावर प्रकाश टाकणे. जुने ते सोने या संकल्पना ची माहिती मुलांना सांगता आली. स्वतःचे विचार सुस्पष्टपणे मांडता येतात. 	<ul style="list-style-type: none"> एका समाजसेवकाची माहिती लिहा. 	

	७. फुटप्रिंटस	<ul style="list-style-type: none"> विद्यार्थीना कोणतेही काम कमी दर्जाचे नसते हे समजले पाहिजे कष्टाचे महत्व समजले पाहिजे, 	<ul style="list-style-type: none"> पर्यावरण संवर्धनासाठी तुमच्या आयुष्यात काय बदल कराल या विषयी लिहा. 	
	व्याकरण	समास, काळ, निबंधलेखन, पत्रलेखन, कथालेखन		
September	सराव			18
	८. उर्जाशक्ती चा जागर	<ul style="list-style-type: none"> जुन्या व नव्या जीवन मूल्यांविषयीचे, निर्णयक्षमता, प्रेम याविषयीचे वर्णन करणे शिक्षकांकडून विद्यार्थ्यांवर घडणाऱ्या संस्कारांचे महत्व समजून घेणे. कल्पनाशक्ती आणि सृजनशीलतेचा विकास करण्याच्या क्रिया जसे- अभिनय, मूकाभिनय, सृजनात्मक लेख, विविध स्थितींमधील संवाद इत्यादींचे आयोजन पाठांच्या संदर्भात आणि आसपासच्या परिसराशी संबंधी मुलांना भिन्न प्रकारच्या परिचित आणि अपरिचित संदर्भानुसार भाषेचा योग्य वापर करता येणे. त्यातूनच ते हजपणे, कल्पकतेने, प्रभावीपणे आणि व्यवस्थितपणे लेखन करू शकतील 	<ul style="list-style-type: none"> शिक्षकांशी संबंधित असलेल्या तुमच्या आठवणी सांगा. 	
October	९. औक्षण	<ul style="list-style-type: none"> औक्षण करताना मनात येणाऱ्या विविध भावनांचे वर्णन करणे. 	<ul style="list-style-type: none"> कविता तालासुरात म्हणून घेतली. 	21

	१०. रंग साहित्याचे	<ul style="list-style-type: none"> • विविध साहित्यप्रकारांचा परिचय करणे. • वाचलेल्या, लिहिलेल्या, ऐकलेल्या, पाहिलेल्या, समजलेल्या भाषेचा सर्जनशीलवापर करणे. • साहित्याचे विविध प्रकार समजून घेऊन त्यांचा आनंद घेणे. • संदर्भ आणि लिहिण्याच्या उद्देशानुसार उपयुक्त भाषा शब्द, वाक्ये इत्यादी समजणे त्याचा वापर करणे. • प्रभावीपणे आणि व्यवस्थितपणे लेखन करू शकतील 	<ul style="list-style-type: none"> • SEA - आंतर जालाच्या साहाय्याने मराठीतील प्रमुख साहित्यकारांची सचित्र माहिती व त्याच्या साहित्यकृतींची माहिती लिहा. 	
	१५. खरा नागरिक	<ul style="list-style-type: none"> • प्रसंगावधानामुळे अनेकांचे जीव वाचवू शकतो. याची जाणीव होणे. • इच्छासक्तीच्या जोरावर यशस्वी होणे ही भावना मनात रुजवणे. 	<ul style="list-style-type: none"> • तुमची दिनचर्या लिहा. 	
November	१६. स्वप्न करू साकार	<ul style="list-style-type: none"> • कृषीसंस्कृती, श्रम प्रतिष्ठा एकजुटीचे सामर्थ्य या मूल्याचे महत्व मनात रुजवणे. • नवीन तसेच कठीण शब्दाचे अर्थ समजणे व वाक्यात उपयोग करणे. • विविध बोली भाषा लक्षपूर्वक व समजपूर्वक ऐकतात. 	<ul style="list-style-type: none"> • कविता तालासुरात म्हणून घेतली. 	16
	<ul style="list-style-type: none"> • व्युत्पत्ती कोश (स्थूलवाचन) 	<ul style="list-style-type: none"> • व्युत्पत्ती ची ओळख होते. 	<ul style="list-style-type: none"> • व्युत्पत्ती याचा उपयोग करून तुमच्या नावचा अर्थ शोधा. 	

	सराव	कथालेखन, निबंधलेखन, पत्रलेखन,		
December	Revision			
January	Revision+ Sample Papers + Pre-Boards			
February	CBSE Board Examination			



MIS INTERNATIONAL SCHOOL

Yearly Planner (2023-24)

Grade: X

Subject: Mathematics

Month	Course Description	Learning Outcomes	Activities	No. of Periods
April	1.Real Numbers	<ul style="list-style-type: none"> Application of fundamental theorem of arithmetic to find lowest common Multiple (LCM) and highest common factor (HCF) of two or more numbers. Irrationality of numbers, decimal expansion of rational and irrational numbers Fundamental theorem of arithmetic in order to apply them to solve problems related to real life contexts. 		7
	2. Polynomials	<ul style="list-style-type: none"> Graphical representation of the zeroes of a polynomial , Formation of quadratic polynomial when sum and product of its zeroes is given, Zeroes and coefficients and their relationship, Mathematical operation division of polynomials. Uses Algebraic and Graphical method of finding zeroes of a polynomial in order to establish a relationship between zeroes and the coefficients. 	<ul style="list-style-type: none"> Lab Act - To draw the graph of a quadratic polynomial. 	10
	3. Pair of Linear Equations in Two Variables	<ul style="list-style-type: none"> To learn to plot two equations on graph. Formulate the given situation as a pair of linear equations and hence find their solution 		5

June	3.Pair of Linear Equations in Two Variables (Continued)	<ul style="list-style-type: none"> To analyze graph Uses graphical and other methods in order to find solutions of pairs of linear equations in two variables. 	<ul style="list-style-type: none"> Lab Act - To draw the graph of the pair of linear equations in two variables. 	5
	4.Quadratic Equations	<ul style="list-style-type: none"> Recall the concept of quadratic polynomials and correlate with linear equation and quadratic equation. Represent the equation in general form as $ax^2 + bx + c = 0$ where a, b, c are real numbers $a \neq 0$. Solve the quadratic equation by using different methods. <ol style="list-style-type: none"> Prime Factorization Quadratic Formula Recall factorization method and apply the same to quadratic equation. Apply the method of completing the squares to solve a quadratic equation and show the same geometrically Calculate discriminant to find nature of roots and apply the same to problem solving Demonstrates knowledge of application of various strategies 	<ul style="list-style-type: none"> Lab Act -To find the solution of a quadratic equation geometrically. 	15
July	5. Arithmetic Progressions	<ul style="list-style-type: none"> Recognize the patterns in a given series. Understand the term 'common difference 'and its importance in an A.P. 		3
	5.Arithmetic Progressions (Continued)	<ul style="list-style-type: none"> Identify the situations in daily life where the A.P.is observed and apply it in solving problems Identify the first term and the common difference Apply the formula and calculate the nth term of an AP Apply the formula and calculate the sum up to n terms of an A.P. Develops strategies in order to apply the concept of AP to daily life situations. 	<ul style="list-style-type: none"> Lab Act – To verify the formula $a_n = a + (n - 1)d$ for n^{th} term of an A P. 	7
	6.Triangles	<ul style="list-style-type: none"> To understand the concept of similarity of triangles. To prove and apply Basic Proportionality Theorem To learn and apply similarity rules (SAS,SSS,ASA, RHS) To learn and apply Pythagoras Theorem and its converse. Uses reasoning in order to differentiate between congruent and similar figures. 	<ul style="list-style-type: none"> Lab Act – <ol style="list-style-type: none"> To verify Basic Proportionality Theorem (Thales Theorem). To find the height of the 	12

		<ul style="list-style-type: none"> • Uses different geometric criteria established earlier such as Basic Proportionality Theorem etc. in order to establish properties for similarity of two triangles. 	tree / pole by using the properties of Similar Triangles.	
	7.Co-ordinate Geometry	<ul style="list-style-type: none"> • To recall/recognize distance formula, section formula • Formula for finding area of triangle in term of coordinates • To prove distance formula , section formula and formula for area of triangle in terms of coordinates 	.	5
August	7.Co-ordinate Geometry	<ul style="list-style-type: none"> • To differentiate distance formula, section formula and area of triangle formula • To use the distance formula, section formula area of triangle formula in solving problems • To use the knowledge of coordinate geometry in daily life • To construct the Cartesian plane • To plot the points in the coordinate plane using the coordinates. • To handles the geometrical instruments with ease and proficiency during the construction of Cartesian plane and plotting the points 	<ul style="list-style-type: none"> • Lab Act – To verify Distance Formula by Graphical Method. 	8
	8. Introduction to Trigonometry	<ul style="list-style-type: none"> • To prove Trigonometric ratios. • To verify Trigonometric identities. • To differentiate Trigonometric identities from one another. <p>To find the Trigonometric ratios of specific angles</p>		15

		<ul style="list-style-type: none"> • To convert the identity into the required form. • To use Trigonometric ratios in solving problems. • To use the knowledge heights and distances in daily life. • To handles the geometrical instruments with ease and proficiency. <p>To carry out the oral and written calculations with ease and speed.</p>		
September	Half Yearly Exam			
	9. Applications of Trigonometry	<ul style="list-style-type: none"> • Students will know about line of sight. • Students will know about angle of elevation and depression. • Students will know about use of trigonometric ratios in daily life. • Students will be able to draw diagram of given height and distance question. • Students will be able to find the height of any object. • Students will be able to find the angle of elevation with the help of trigonometric ratios. • Students will be able to solve the word problems on heights and distances using trigonometric ratios. 		10
October	10. Circles	<ul style="list-style-type: none"> • To develop the mathematical skills like speed, accuracy, neatness, brevity, estimation, etc among the students. • To develop their logical thinking, reasoning power, analytical thinking, critical thinking. • To develop their power of decision-making and observing minutely. • To develop the technique of problem solving. • To recognize the adequacy or inadequacy of given topic (circles) in relation to any problem on individual basis. • To develop their ability to analyze about triangles, parallelogram and its properties, to draw inferences and to generalize from the given explanation of different book. • To develop their heuristic attitude and to discover solutions and proofs with their own independent efforts. • To develop their mathematical knowledge for solving problems based on area of parallelogram and triangles. • To develop their scientific attitude i.e. to estimate, find and verify results. 	Lab Act – a) To find the number of tangents from a point to a circle. b) To verify that lengths of tangents from an external point to a circle are equal.	8

	15. Probability	<ul style="list-style-type: none"> • Define Theoretical/classical probability. • Find the number of possible outcomes and favourable outcomes of an event. • Write the formula for probability of an event. • Determine the complementary event of an event. • Solve the problems based on probability. • Perform activity on Probability. • Apply theoretical probability in studying higher order Mathematics. 	MCQs / Google Quiz Lab Act – To find Experimental Probability of each outcome of a Die when it is thrown for a large number of times.	5
	12. Areas Related to Circles	<ul style="list-style-type: none"> • After studying this lesson student should know the circle and its components. • Student should know the area and perimeter related to all the plane figures like circle, semi-circle, quadrant, segment, sector, different types of triangles and different types of quadrilaterals. • Students should know the method of solving the problems of plane figures in combination form. • Student establish co-relation between area of circle and area of segment of a circle and area of sector of a circle. • Student identifies the contexts where areas of segments and sectors of a circle may be used in day-to-day problems. 		10
November	13. Surface Areas and Volumes	<ul style="list-style-type: none"> • Visualizes objects in surrounding as a combination of different solids like <p>a) cylinder and a cone, cylinder and a hemisphere, combination of different cubes etc. in order to find their surface areas and volumes.</p>	<ul style="list-style-type: none"> • Lab Act – To compare the volumes of a right circular cylinder and a right circular cone of same base radii and same height. 	10
	14. Statistics	<ul style="list-style-type: none"> • Getting acquainted with three measures of central tendency • Developing ability to calculate these measures of central tendency using various methods • Identification and application of suitable method for easy calculation • Getting ability to apply concepts in real life situations 	<ul style="list-style-type: none"> • Raw data collection, grouping, analysing and interpretation • Lab Act – To draw Less than type and More than type Ogive for the given 	8

			data.	
December	Revision + Pre-Boards			
January	Revision + Pre-Boards +Sample Papers			
February	Boards			
March	CBSE Board Examination			

Note: Term-1 : Ch-1,2,3,6,7,8,12,15

Term-2 : 4,5,9,10,11,13,14



MIS INTERNATIONAL SCHOOL

Yearly Planner 2023 - 2024

Grade: 9 - 10

Subject: Physical Education

Month	Class / Subject	Topic / Course	Activity	Outcome of the Activity
April	9 - 10 Physical Education	Fitness Assessment and Goal Setting	Administer fitness assessments (e.g., aerobic capacity, muscular strength) and guide students in setting specific fitness goals.	Evaluating fitness levels and setting personalized fitness goals.
May		Summer	Break	
June	9 - 10 Physical Education	Aerobic Fitness and Endurance Running, jumping, endurance exercises.	Engage in aerobic activities like running laps, jumping rope, and other endurance-building exercises.	Enhancing aerobic fitness and cardiovascular endurance.
July	9 - 10 Physical Education	Team Building and Leadership Development	Engage in team-building exercises that promote effective communication, problem-solving, and leadership qualities.	Enhancing teamwork, communication, and leadership skills.
August	9 - 10 Physical Education	Basketball Skills and Mini Games Dribbling, passing, shooting.	Focus on dribbling with both hands, passing accuracy, and shooting techniques. Organize small-sided basketball games.	Developing basketball skills and understanding basic gameplay.

September	9 - 10 Physical Education	Dodging and Agility Dodging techniques, quick movement.	Teach students how to dodge incoming balls by moving quickly and using sudden changes in direction.	Developing dodging skills and agility.
October	9 - 10 Physical Education	Cardiovascular Endurance and High-Intensity Training	Implement high-intensity interval training (HIIT) with alternating bursts of intense exercise and rest.	Improving cardiovascular fitness through high-intensity interval training.
		Deepawali	Vacation	
November	9 - 10 Physical Education	Chess Tactics, solving puzzles.	Introduce chess puzzles that require students to solve tactical challenges.	Enhancing critical thinking and problem-solving abilities.
December	9 - 10 Physical Education	Flexibility and Mind-Body Connection Yoga poses, deep breathing.	Incorporate dynamic and static stretches, along with mindfulness practices like yoga and meditation.	Promoting flexibility and mindfulness through yoga.
		Christmas	Vacation	
January	9 - 10 Physical Education	Football Shooting accuracy, aiming for goal.	Show how to shoot using instep drives and teach aiming at different parts of the goal. Set up shooting drills and small-sided games.	Learning basic shooting techniques and scoring goals.
February	9 - 10 Physical Education	Mini Intra-Class Kho Kho Tournament	Organize a mini Kho Kho tournament within the class, focusing on fair play and teamwork.	Applying learned skills in a friendly tournament setting.
March		Exams & Grades	Final exams for	II Grade I -II