



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

Class: X		Subject: ENGLISH			Name of the Teacher: NOOPUR SINHA	
Module/Duration-TERM I			No. of Days	Chapters and Topics to be taught	Learning Objectives	Activity Planned/ Integration of Art
Module	From	To				
I.	15 March 2023	31 March 2023	12 Days	FIRST FLIGHT L1:A Letter to God (Prose) Poem -Dust of Snow, Fire and Ice FOOTPRINTS WITHOUT FEET L1: A Triumph of Surgery (Prose). Writing - Letter to Editor. Grammar -Determiners. Practice -Word and Expression.	The children will learn that faith has the power to change many things around us.	The students will draw a money order form. They will write a paragraph on how money was sent earlier using this money order form. The students will write a diary entry on 'How the postmaster felt on seeing Lencho's reaction after receiving the amount.'
II	3 rd April 2023	28 April 2023	17 Days	FIRST FLIGHT L2:Nelson Mandela: Long Walk to Freedom (Prose). A Tiger in the Zoo (Poem). FOOTPRINTS WITHOUT FEET L2:The Thief Story. (Prose) Grammar -Tenses. Writing - Letter of Enquiry (Product).	The students will be able to understand that strong determination, will-power and self-motivation is necessary to achieve success in life.	The students will prepare a comic strip on the story of 'Nelson Mandela'
III	1 st May 2023	26th May 2023	19 Days	FIRST FLIGHT L-3:Two stories about Flying (Prose) i. His First Flight ii. Back Aeroplane How to Tell Wild Animals (Poem) FOOTPRINTS WITHOUT FEET L-9 Bholi (Prose) Grammar -Modals. Writing -Analytical Paragraph (Line graph and Bar graph). Practice -Word and Expression.	The student will learn that they just need to throw their fear away to make success inevitable.	The students will create a ppt on the tigers found in different parts of India and the problems in the zoo. They will write a report on it. This will be presented in the form of a ppt.



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

SUMMER VACATION: 29 May 2023 to 30 June 2023

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IV	3rd July 2023	21st July 2023	15 Days	FIRST FLIGHT L-8: Mijbil the Otter (Prose) The Trees (Poem) Fog (Poem) FOOTPRINTS WITHOUT FEET L-3: The Midnight Visitor (Prose) Grammar- Reported Speech (Commands & Requests) Writing- Letter of Enquiry (Service). Practice- Word and Expression.	The students will learn how nature reacts to certain actions of humans.	Read the novel 'How I became a Tree' by Sumana Roy and discuss your understanding of the novel in the class (Group Discussion)
V	24 th July 2023	11 th August 2023	15 Days	FIRST FLIGHT L-7: Glimpses of India (Prose). 1. A Baker from Goa 2. Coorg 3. Tea from Assam. The Ball Poem (Poem) FOOTPRINTS WITHOUT FEET L-7: The Necklace (Prose) Grammar- Subject Verb Concord.	The children would learn how each and every part of India has something to offer. A rich culture, tradition, food, etc.	Write a speech on the topic 'Visit the Seven Sister States' recent visit to Meghalaya or Arunachal Pradesh Or They can prepare a poster on the tea of Assam.
VI	14 th August 2023	1 st September 2023	13 Days	FIRST FLIGHT Animals (Poem) For Anne Gregory (Poem). FOOTPRINTS WITHOUT FEET Footprints Without Feet (Prose). Grammar- Reported Speech (Statement & Questions) Writing- Letter of Complaint (Business). Integrated Grammar. Practice- Word and Expression.	The students will learn that inventions can be disastrous if not handled properly.	The students will research on the animals and jungles of Meghalaya or Arunachal Pradesh and write an article on it. Or Create a file on the same with pictures and write-ups.

TERM -I SYLLABUS COMPLETION-1 September 2023



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

VII	4 th September 2023	12 th September 2023	06 Days	Revision for Half Yearly	Examination from 13 Sep-27 Sep 2023	
HALF YEARLY EXAMINATION:13 September 2023 to 27 September 2023						
VIII	29 th September 2023	13 th October 2023	11 Days	FIRST FLIGHT 1-9: Madam Rides the Bus (Prose) The Tale of Custard the Dragon (Poem). FOOTPRINTS WITHOUT FEET L-6: The Making of a Scientist (Prose) Practice-Word and Expression.	The students will learn that one needs to know one's potential and be confident about it.	Debate on the topic 'Can money buy happiness?'
IX	16 th October 2023	10 th November 2023	18 Days	FIRST FLIGHT L-10 : The Sermon at Benaras (Prose) Amanda (Poem). L-11: The Proposal (Play) FOOTPRINTS WITHOUT FEET L-4: A Question of Trust (Prose). L-10:The Book that Saved the Earth (Prose). Writing-Letter of Placing Order.	The students will understand that a simple truth can save you from all the struggle that one has to go through to cover up that one lie. The students will understand that one should be innocent but not naive.	A role play on autism will be prepared by the students 'Autism can't define me; I can define autism.'
X	16 th November 2023	22 nd November 2023	5 Days	Revision		
PRE-BOARD EXAMINATION 23rd November 2023 -11 December 2023						
REVISION FOR PRE- BOARD II-20th December 2023 TO 16th January 2024.						



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

Class: X Section : A,B,C			Subject: HINDI	Name of the Teacher : DEEPIKA MEHRA		
Module/Duration		No. of Days	Chapters and Topics to be taught	Learning Objectives	Activity Planned/ Integration of Art	
I	15 March 2023	31 March 2023	12 Days	<p>स्पर्श-</p> <ul style="list-style-type: none">मीरा के पदबड़े भाई साहब <p>व्याकरण – समास (भेद सहित)</p> <p>पठन – अपठित गद्यांश</p> <p>लेखन-अनुच्छेद लेखन</p>	<ul style="list-style-type: none">मीरा बाई की श्रीकृष्ण जी के प्रति भक्ति भावना से परिचित हो सकेंगे।शुद्ध उच्चारण तथा शुद्ध लेखन क्षमता का विकास होगा।अपठित गद्यांश पढ़कर प्रश्नों के उत्तर देने की योग्यता का विकास होगा।अनुच्छेद लेखन के नियमों से अवगत हो सकेंगे।समास के विभिन्न भेदों से अवगत हो सकेंगे।समास- विग्रह करने के नियमों से परिचित हो सकेंगे।विद्यार्थी जीवन में समय-नियोजन के महत्त्व से परिचित हो सकेंगे।	<p>कलात्मक गतिविधि</p> <ul style="list-style-type: none">मीरा के पदों का चित्रात्मक प्रस्तुतीकरण
II	3 April 2023	28 April 2023	17 Days	<p>स्पर्श-</p> <ul style="list-style-type: none">कबीर की साखियाँ <p>व्याकरण – मुहावरे</p> <p>पठन – अपठित गद्यांश</p> <p>लेखन-</p> <ul style="list-style-type: none">विज्ञापन लेखन ,पत्र लेखन (औपचारिक)	<ul style="list-style-type: none">साखियों के सस्वर वाचन करने की योग्यता का विकास होगा।साखियों से नैतिक मूल्य ग्रहण कर सकेंगे।पत्र लेखन के प्रारूप से परिचित हो सकेंगे।नवीन मुहावरों तथा उन के अर्थ से परिचित हो सकेंगे।अपठित गद्यांश पढ़कर प्रश्नों के उत्तर देने की योग्यता का विकास होगा।विज्ञापन लेखन में ध्यान रखने योग्य बातों से अवगत हो सकेंगे।	<p>लिखित एवं मौखिक गतिविधि-</p> <p>अपने किसी प्रेरणास्रोत द्वारा प्राप्त प्रेरणा को लेखबद्ध कीजिए तथा कक्षा में सुनाइए।</p>



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III	1 May 2023	26 May 2023	19 Days	<p>स्पर्श-</p> <ul style="list-style-type: none">• तताँरा –वामीरो कथा• तोप• आत्मत्राण <p>व्याकरण – पदबंध</p> <p>पठन – अपठित गद्यांश</p> <p>लेखन- लघु कथा लेखन</p>	<ul style="list-style-type: none">❖ जीवन की प्रत्येक परिस्थिति में सकारात्मक बने रहने का कौशल सीख सकेंगे।❖ एकता और आत्मीयता की भावना का विकास होगा।❖ देशभक्ति की भावना का विकास हो सकेगा।❖ शुद्ध उच्चारण तथा शुद्ध लेखन क्षमता का विकास होगा।❖ लघु कथा लेखन में ध्यान रखने योग्य बातों से अवगत हो सकेंगे।	<p>वाचन एवं लेखन गतिविधि –</p> <p>देशभक्ति की भावना उत्पन्न करने वाली स्वरचित कहानी लिखिए तथा कक्षा में सुनाइए।</p>
SUMMER VACATION 29 May to 30 June 2023						
IV	3 July 2023	21 July 2023	15 Days	<p>स्पर्श-</p> <ul style="list-style-type: none">• अब कहाँ दूसरे के दुख से दुखी होने वाले• मनुष्यता <p>संचयन – हरिहर काका</p> <p>व्याकरण –</p> <ul style="list-style-type: none">• मुहावरे <p>पठन-अपठित गद्यांश</p> <p>लेखन-पत्र लेखन (औपचारिक)</p>	<p>पारिवारिक संबंधों में व्याप्त मनुष्य की स्वार्थी प्रवृत्ति से परिचित हो सकेंगे।</p> <ul style="list-style-type: none">❖ धर्म के नाम पर टगने वाले धर्माचारियों की स्वार्थ पूर्ण प्रवृत्ति से परिचित हो सकेंगे।❖ पर्यावरण संरक्षण के महत्त्व से अवगत हो सकेंगे।❖ दीन-दुखियों के प्रति सहानुभूति की भावना का विकास हो सकेगा।❖ नवीन मुहावरों तथा उन के अर्थ से परिचित हो सकेंगे।❖ पत्र लेखन करते समय ध्यान रखने योग्य बातों के विषय में जान सकेंगे।	<p>लेखन गतिविधि-</p> <p>हमारे बुजुर्ग हमारी धरोहर-विषय पर निबंध अथवा कविता प्रस्तुति</p>



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V	24 July 2023	11 August 2023	15 Days	<p>स्पर्श-</p> <ul style="list-style-type: none">पतझड़ में टूटी पत्तियाँतीसरी कसम के शिल्पकार शैलेंद्र <p>संचयन - टोपी शुक्ला</p> <p>व्याकरण -</p> <ul style="list-style-type: none">मुहावरेरचना के आधार पर वाक्य भेद <p>पठन - अपठित गद्यांश</p> <p>लेखन- सूचना लेखन पत्र लेखन (औपचारिक)</p>	<ul style="list-style-type: none">❖ प्रसिद्ध गीतकार एवं फिल्म निर्माता शैलेंद्र द्वारा रचित तीसरी कसम फिल्म की विशेषता से परिचित हो सकेंगे।❖ अत्यधिक व्यस्त जीवनशैली और उसके दुष्परिणामों से अवगत हो सकेंगे।❖ मानसिक तनाव को कम करने तथा वर्तमान में जीने की कला सीख सकेंगे।❖ नवीन मुहावरों तथा उन के अर्थ से परिचित हो सकेंगे।❖ सूचना लेखन के प्रारूप से परिचित हो सकेंगे।	<p>लेखन गतिविधि- वसुधैव कुटुम्बकम् की भावना को कविता के माध्यम से अभिव्यक्त कीजिए।</p>
VI	14 August 2023	1 September 2023	13 Days	<p>स्पर्श-</p> <ul style="list-style-type: none">पर्वत प्रदेश में पावसकारतूस <p>संचयन-</p> <ul style="list-style-type: none">सपनों के से दिन <p>व्याकरण -</p> <ul style="list-style-type: none">रचना के आधार पर वाक्य रूपांतरण <p>पठन - अपठित गद्यांश</p> <p>लेखन- ई-मेल लेखन</p>	<ul style="list-style-type: none">❖ वर्षा ऋतु में पर्वतों पर क्षण-क्षण प्रकृति के परिवर्तित हो रहे परिवेश से परिचित हो सकेंगे❖ प्रकृति के सौंदर्य और उसके स्वरूप से अवगत हो सकेंगे।❖ लेखक गुरदयाल सिंह के जीवन से परिचित हो सकेंगे।❖ देशभक्ति की भावना का विकास होगा तथा स्वतंत्रता के महत्त्व को जान सकेंगे।❖ रचना के आधार पर वाक्य के भेदों से परिचित हो सकेंगे।❖ वाक्य रूपांतरण के नियमों से परिचित हो सकेंगे।❖ ई-मेल लेखन के प्रारूप से परिचित हो सकेंगे।	<p>वाचन व श्रवण कौशल (ASL) कलात्मक गतिविधि अपने बचपन की सुखद यादों का चित्रात्मक वर्णन कीजिए। (Art Integrated Project) अभिनयात्मक गतिविधि- कारतूस एकांकी का नाट्य मंचन द्वारा प्रस्तुतीकरण।</p>



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

VII	4 September 2023	12 September 2023	6 Days	REVISION FOR HALF YEARLY EXAMINATION		
HALF YEARLY EXAMINATION : 13 September 2023 to 27 September 2023 TERM – II RESUMES EFFECTIVE FROM 29 September 2023						
VIII	29 September 2023	13 October 2023	11 Days	<p>स्पर्श—</p> <ul style="list-style-type: none">• डायरी का एक पन्ना• कर चले हम फिदा <p>व्याकरण – (पुनरावृत्ति)</p> <ul style="list-style-type: none">• रचना के आधार पर वाक्य रूपांतरण• समास (भेद सहित)• मुहावरे• पदबंध <p>पठन—अपठित गद्यांश</p> <p>लेखन—(पुनरावृत्ति)</p> <ul style="list-style-type: none">• सूचना लेखन• पत्र लेखन (औपचारिक)• विज्ञापन लेखन• अनुच्छेद लेखन• लघु कथा लेखन• ई-मेल लेखन	<ul style="list-style-type: none">❖ देशभक्ति की भावना का विकास होगा तथा स्वतंत्रता के महत्त्व को जान सकेंगे।❖ रचना के आधार पर वाक्य के भेदों से परिचित हो सकेंगे।❖ वाक्य रूपांतरण के नियमों से परिचित हो सकेंगे।	<p>लेखन गतिविधि – सैनिक हैं , तो हम हैं –विषय पर अनुच्छेद लिखिए तथा अपने विचार कक्षा में प्रस्तुत कीजिए।</p>



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IX	16 October 2023	10 November 2023	18 Days	परीक्षा हेतु निर्धारित पाठ्यक्रम की पुनरावृत्ति	<ul style="list-style-type: none">❖ परीक्षा हेतु समस्त पाठ्यक्रम की पुनरावृत्ति मौखिक व लिखित रूप से कर सकेंगे।❖ निदानात्मक शिक्षण के माध्यम से छात्रों की अधिगम संबंधी त्रुटियों का पता लगाकर उन में सुधार किया जा सकेगा।	बहुविध मूल्यांकन
Syllabus Completion – 10 November 2023						
X	16 November 2023 23 November 2023 20 December 2023	22 November 2023 11 December 2023 16 January 2024	5 DAYS	परीक्षा हेतु संपूर्ण पाठ्यक्रम की पुनरावृत्ति PRE-BOARD EXAMINATION -1 PRE-BOARD EXAMINATION -2		



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Class: X A/B			Subject: French	Name of the Teacher: Anu Aggrwal		
Module/Duration			No. of Days	Chapters and Topics to be taught	Learning Objectives	Activity Planned/ Integration of Art
I	15 March 2023	31 March 2023	12 Days	Lecon –deux, Le Futur anterieur, Les lettres	Students will be able form questions on their own, will be able to complete stories with the given clues that is the vocabulary enhancement. Students will be able to learn how and where to use future perfect tense.	Worksheets based on the topics will be provided to kids . Quiz will be conducted related to the formation of future perfect tense
II	3 April 2023	28 April 2023	17 Days	Les temps convenables (present passe compose, imparfait, futur proche, futur simple, passe recent), negation, lettre	Students will be able to complete sentences including mix tenses. Students will be able to change the affirmative form of sentences in negative form. Letter based on the education system of France and I ndia will be done	Role play where in students will inform each other about the educational system of France and India.
III	1 May 2023	26 May 2023	19 Days	l'imperatifs, comprehension, lecon–trois	Culture and civilization questions will be done	Quiz will be conducted related to the formation of future perfect tense and culture and civilization
IV	3 July 2023	21 July 2023	15 Days	Les pronoms interrogatifs, completez le texte, mettez en ordre	Students will be able to use pronoms interrogative to ask the questions like- “which one? / which ones?” along with thw contraction with preposition a & de	Incomplete stories will be given to students to complete them with their own vocabulary
V	24 July 2023	11 August 2023	15 Days	Pronoms relatives compose, lettre, lecon – quatre, comprehension	Letters based on political system of France and India will be taught. Students will be able to join two sentences with the help of preposition and interrogative pronouns..	Debate will be conducted discussing the difference between political system of India and France
VI	14 August 2023	1 September 2023	13 Days	Plus que parfait, pronoms personnelles, lecon – cinq,six	Act as the object of the sentence that receives the action of the verb wherein students will be able to use the correct form of pronouns in sentences	Worksheet of personal pronouns and other topics will be provided



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VII	4 September 2023	12 September 2023	06 Days	Adjectives et pronoms demonstratives, lettre, lecon - sept	To know when to use each demonstrative adjective according to the singularity and closeness of an object. These adjectives are special adjectives being use to identify or express the relative position of a noun in time or space. Letters based on health and hygiene will be taught.	Documentaries will be shown to students related to health. After that questions will be asked based upon that documentary
VIII	29 September 2023	13 October 2023	11 Days	Adjectifs et pronoms possessives, lecon – huit, neuf, lettre	To understand possession or ownership of something. It needs to agree with the possessor and not with the thing that is possessed. Letters based on job and unemployment will be learned	Test will be conducted in class to revise culture and civilization of France
IX	16 October 2023	10 November 2023	18 Days	Subjonctif, lecon – dix, onze, lettre	Students will be able to identify verbs used to express subjunctive mood. Subjonctif is a special rare verb form that express something desired or imagined. Letter based on environnement will be done	Students will form their own short composition using subjonctifs. Discussion will take place in the class related to the environmental conditions of our country
X	16 November 2023	22 November 2023	05 Days	Discours rapport	Students will be able to change the speech of a sentence from direct to indirect and vice-versa	In groups students will play a game wherein they will ask another team to change the speech of a sentence



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

Class: X				Subject: GERMAN	Name of the Teacher: Mr. TARUN KUMAR		
Module/Duration			No. of Days	Chapters and Topics to be taught	Learning Objectives	Activity Planned/ Integration of Art	
I	15 March 2023	31 March 2023	12 Days	L-6 : Magst du grüne Bohnen?	Vorteile und Nachteile angeben	Präsentation angeben	
II	3 April 2023	28 April 2023	17 Days	L-6 : Magst du grüne Bohnen?	Eine Präsentation beenden	Präsentation angeben	
III	01 May 2023	26 May 2023	19 Days	L-6 : Magst du grüne Bohnen?	Sich bei den Zuhörern bedanken	Präsentation angeben	
SUMMER VACATION: 29th May 2023 to 30th June 2023							
IV	3 July 2023	21 July 2023	15 Days	L-7 : Die App, die Den Dieb findet	Über Ereignisse berichten	Berichte schreiben	
V	24 July 2023	11 August 2023	15 Days	L-7 : Die App, die Den Dieb findet	Nach dem fragen und einen Weg beschreiben	Berichte schreiben	
VI	14 August 2023	1 September 2023	13 Days	L-7 : Die App, die Den Dieb findet	Einen Werbespruch formulieren	Berichte schreiben	
TERM -1 SYLLABUS COMPLETION - 1 September 2023							
VII	4 September 2023	12 September 2023	6 Days	REVISION FOR HALF YEARLY EXAMINATION			
				L-8: Einfach Sprachen lernen	Eine Einschränkung ausdrücken	Erfahrungen sammeln	
HALF YEARLY EXAMINATION: 13th September 2023 to 27th September 2023							
TERM – II RESUMES FROM 29th September 2023							
VIII	29 September 2023	13 October 2023	11 Days	L-8: Einfach Sprachen lernen	Über eigene Erfahrung mit Fremdsprachen sprechen	Erfahrungen sammeln	
IX	16 October 2023	10 November 2023	18 Days	L-8: Einfach Sprachen lernen	Etwas aushandeln	Erfahrungen sammeln	
SYLLABUS COMPLETION - 10 November 2023							
X	REVISION PERIOD						
	16 November 2023	22 November 2023	5 Days	L-9 : Deine Hilfe zählt	Aus dem eigenen Leben erzählen Vermutungen äußern	Erfahrungen mitteilen Erfahrungen mitteilen	
PRE-BOARD EXAMINATION-I: 23 November 2023 to 11 December 2023							
PRE-BOARD EXAMINATION-II: 20 December 2023 - 16 January 2024							



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

Class: 10 A, B,C			Subject: SANSKRIT		Name of the Teacher: MR NITIN KUMAR	
Module/Duration			No. of Days	Chapters and Topics to be taught	Learning Objectives	Activity Planned/ Integration of Art
I	15th March 2023	31 March 2023	12 Days	व्याकरण - संधि-(व्यञ्जन,विसर्ग) संस्कृत वर्णमाला	व्याकरण के नियमों का ज्ञान होगा। अभ्यास कार्य के माध्यम से विषय को सुगम बनाया जाएगा।	
II	3th April 2023	28th April 2023	17 Days	पाठ -1 वाङ्मयं तपः, व्याकरण - अपठित गद्यांश , समय लेखनम्	अर्थ सहित संस्कृत पठनाभ्यास होगा। संस्कृत वाचन में छात्र सक्षम होंगे।	संस्कृत गायनं
III	1st May 2023	26th May 2023	19 Days	पाठ -2 नास्ति त्यागसमं सुखम् व्याकरण -चित्र वर्णनम् /अनुच्छेद लेखनं	साहित्यिक ज्ञान में वृद्धि होगी। अर्थ सहित संस्कृत पठनाभ्यास होगा।	मौलिक लेखनं
SUMMER BREAK 30TH MAY TO 30TH JUNE 2023						
IV	3rd July 2023	21 July 2023	15 Days	पाठ -3 रमणीया हि सृष्टि एषा , पाठ -4 आज्ञा गुरूणां हि अविचारणीया : व्याकरण - पत्र लेखनम्, संधि -स्वर	साहित्यिक कौशल में वृद्धि होगी। चितन क्षमता का विकास होगा। पठन एवं लेखन कौशल का विकास होगा।	नाट्याभिनय
V	24th July 2023	11th August 2023	15 Days	पाठ -5 अभ्यासवशगं मनः व्याकरण-समास-(तत्पुरुषः,द्वन्द्वः, अव्ययीभावः) संवाद पूर्ति/कथा पूर्ति	व्याकरण के नियमों का ज्ञान होगा। पठन कौशल का विस्तार होगा।	
VI	14th August 2023	1st September 2023	13 Days	पाठ- 6 राष्ट्रं संरक्ष्यमेव हि व्याकरण - प्रत्ययाः-तद्धित,स्त्री वाच्य परिवर्तनम्	संस्कृत साहित्य के अध्ययन से ज्ञान व आनन्द की अनुभूति होगी। चितन क्षमता का विकास होगा।	वार्तालापं (श्रवण - वाचन गतिविधिः)
VII	4th September 2023	12th September 2023	6 Days	पुनरावृत्ति अर्धवार्षिक पाठ्यक्रम	छात्र की शङ्काओं का समाधान होगा अर्ध वार्षिक पाठ्यक्रम की आवृत्ति होगी	
PERIODIC TEST 13TH SEPTEMBER TO 27TH SEPTEMBER 2023						
TERM 2 RESUME 29TH SEPTEMBER 2023						
VIII	29th September 2023	13th October 2023	11 Days	पाठ-7 साधुवृत्तिं समाचरेत् पाठ -8 तिरक्कुरल सूक्ति सौरभं	साहित्यिक कौशल में वृद्धि होगी। चितन क्षमता का विकास होगा। पठन एवं लेखन कौशल का विकास होगा।	श्लोक गायनं



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

IX	16th October 2023	10th November 2023	18 Days	पाठ-9 सुस्वागतं भो! अरूणाचलेऽस्मिन् व्याकरण - अशुद्धि - संशोधनम्, संवाद पूर्ति/कथा पूर्ति	भाषिक कौशल का विस्तार होगा। व्याकरण की अशुद्धियों को दूर करने में छात्र सक्षम हो सकेंगे।	-
SYLLABUS COMPLETION -10 NOVEMBER 2023						
X	16th November 2023	22th November 2023	5 Days	Revision	वार्षिक पाठ्यक्रम की आवृत्ति होगी	-
PRE BOARD EXAMINATION 1 : 23 NOVEMBER TO 11 DECEMBER 2023						
PRE BOARD EXAMINATION 2 : 20 DECEMBER 2023 TO 16 JANUARY 2024						



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

Class: X A/B/C			Subject: Mathematics		Name of the Teacher: Sadhvi Parashar/Mr. Ashish Punj/Ms Ruchi	
Module/Duration			No. of Days	Chapters and Topics to be taught	Learning Objectives	Activity Planned/ Integration of Art
Module	From	To				
I	15 March 2023	31 March 2023	12	Ch1:Real Numbers	<p>Learners will be able to:</p> <p>State Fundamental Theorem of Arithmetic - statements after reviewing work done earlier and after illustrating and motivating through examples, Prove the irrationality of $\sqrt{2}, \sqrt{3}, \sqrt{5}$.</p>	To find the HCF of two numbers experimentally
II	3 April 2023	28 April 2023	17	Ch2:Polynomials Ch3:Linear Equations in two variables.	<p>Find zeros of a polynomial. Verify relationship between zeros and coefficients of quadratic polynomials.</p> <p>Represent pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency. State algebraic conditions for number of solutions. Find the solution of a pair of linear equations in two variables by substitution, by elimination. Apply methods to simple situational problems.</p>	<p>To draw the graph of a quadratic polynomial and observe: (i) The shape of the curve when the coefficient of x^2 is positive. (ii) The shape of the curve when the coefficient of x is negative. (iii) Its number of zeroes.</p> <p>To verify the conditions for consistency of a system of linear equations in two variables by graphical representation.</p>
III	1 May 2023	26 May 2023	19	Ch4:Quadratic equations Ch5: Arithmetic Progression	<p>Represent the Standard form of a quadratic equation. Find solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula. Establish a relationship between discriminant and nature of roots. Solve situational problems based on quadratic equations related to day to day activities to be incorporated. Understand Arithmetic Progression Derive the nth term and sum of the first n terms of A.P. and their application in solving daily life problems.</p>	To establish a formula for the sum of first n terms of an Arithmetic Progression.
29 MAY 2022-30 JUNE 2022 SUMMER BREAK						



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

IV	3 July 2023	21 July 2023	15	Ch6:Triangles Ch7:Coordinate geometry	<p>Prove: If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio.</p> <p>Prove and apply if a line divides two sides of a triangle in the same ratio, the line is parallel to the third side.</p> <p>Prove and apply if in two triangles, the corresponding angles are equal, their corresponding sides are proportional and the triangles are similar.</p> <p>Prove and apply if the corresponding sides of two triangles are proportional, their corresponding angles are equal and the two triangles are similar. Prove and apply if one angle of a triangle is equal to one angle of another triangle and the sides including these angles are proportional, the two triangles are similar.</p> <p>Understand the concepts of coordinate geometry. Draw graphs of linear equations Apply distance formula and section formula (internal division).</p>	<p>To verify the Thales theorem To establish a formula for the sum of first n terms of an Arithmetic Progression.</p>
V	24 July 2023	11 August 2023	15	Ch8:Introduction to Trigonometry Ch9:Applications of Trigonometry	<p>Prove trigonometric ratios of an acute angle of a right-angled triangle. motivate the ratios whichever are defined at 0° and 90°. Values of the trigonometric ratios of 30°, 45° and 60°. Relationships between the ratios.</p> <p>Solve simple problems on heights and distances.</p> <p>Understand and apply angles of elevation/ depression (30°, 45°, and 60°).</p>	<p>To experimentally find the height of a building using a clinometer.</p>



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

VI	14 August 2023	1 September 2023	13	Ch10:Circles Ch11:Area related to circle	Prove the tangent at any point of a circle is perpendicular to the radius through the point of contact. Prove the lengths of tangents drawn from an external point to a circle are equal. Find the area of sectors and segments of a circle. Solve problems based on areas and perimeter / circumference of the above said plane figures.	Prove that length of tangents drawn from an external point to the circle are equal.
VII	4 September 2023	12 September 2023	6	REVISION FOR HALF YEARLY EXAMINATIONS		
HALF YEARLY EXAMINATION-13 SEPTEMBER 2023-27 SEPTEMBER 2023						
VIII	29 September 2023	13 October 2023	11	Ch13:Surface Area & Volumes	Understand surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones. Apply the concept in real life.	To demonstrate a method to derive a formula for finding the volume of a sphere
IX	16 October 2023	10 November 2023	18	Ch14:Statistics Ch15: Probability	Find Mean, median and mode of grouped data. Understand classical definition of probability. Solve simple problems on finding the probability of an event.	To set the idea of probability of an event through a double colour cards experiment.
SYLLABUS COMPLETION-10 NOVEMBER 2023						
REVISION PERIOD						
X	16 November 2023	22 November 2023	5	SAMPLE PAPERS		
PRE BOARD I-23 NOV 2023-11 DECEMBER 2023						
PRE BOARD II-20 DEC 2023-16 JANUARY 2024						



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

Class: X		Section: A/B/C		Subject: PHYSICS		Name of the Teacher: Mr. ANKUSH SHARMA	
Module/Duration			No. of Days	Chapters and Topics to be taught	Learning Objectives	Activity Planned/ Integration of Art	
Module	From	To					
I	15-03-2023	31-03-2023	12	Ch - Light Topics: <ul style="list-style-type: none">● Reflection of light by curved surfaces;● Images formed by spherical mirrors,● centre of curvature, principal axis, principal focus, focal length,	Students will be able to understand the concept of Light, reflection of light and its properties.	NA	
II	03-04-2023	28-04-2023	17	Ch - Light Topics: <ul style="list-style-type: none">● mirror formula (Derivation not required),● magnification.● Refraction; Laws of refraction, refractive index.● Image formed by spherical lenses;● Lens formula (Derivation not required);	Students will be able to understand the concept of Refraction of Light and its properties.	Virtual Tour to Physics Lab (Physics Experiment)	
III	01-05-2023	26-05-2023	19	Ch - Light Topics: <ul style="list-style-type: none">● Determination of the focal length of:<ul style="list-style-type: none">i) Concave mirror ii) Convex lens by obtaining the image of a distant object.● Magnification. Power of a lens.● applications of spherical mirrors and lenses.● Practice Questions / Assignment booklet	Students will be able to understand the concept of refraction and refraction by spherical lenses.	Physics Lab Experiment	
SUMMER VACATION 29-05-2023 TO 30-06-2023							
IV	03-07-2023	21-07-2023	15	Ch - Human eye and colourful world Topics: <ul style="list-style-type: none">● Human eye / Defects of vision and correction● Refraction of light through a prism, Dispersion of light,	Students will be able to understand the various defects of eyes and its correction	Art Int. Project Prepare a presentation on human eye defects of vision.	



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

V	24-07-2023	11-08-2023	15	Ch - Human eye and colourful world Topics: <ul style="list-style-type: none">• Scattering of light, applications in daily life (excluding colour of the sun at sunrise and sunset).• Practice Questions / Assignment booklet	Students will be able to understand the concept of atmospheric refraction and natural phenomenon.	Physics Lab Experiment
VI	14-08-2023	01-09-2023	13	Ch – Electricity Topics: <ul style="list-style-type: none">• Electric current, potential difference.• Ohm’s law; Resistance, Resistivity,• Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determining its resistance. Also plotting a graph between V and I.• Series combination of resistors, parallel combination of resistors and its applications in daily life.	Students will be able to understand the concept of electric current, electric potential and properties of electric current.	NA
TERM-I SYLLABUS COMPLETION-01-09-2023						
VII	04-09-2023	12-09-2023	06	Revision for Half-Yearly Examination		
HALF YEARLY EXAMINATION: 13-09-2023 TO 27-09-2023						
TERM-II RESUME: 29-09-2023						
VIII	29-09-2023	13-10-2023	11	Ch–Electricity Topics: <ul style="list-style-type: none">• Determination of the equivalent resistance of two resistors when connected in series and parallel.• Heating effect of electric current and its applications in daily life.• Electric power, Interrelation between P, V, I and R.• Assignment Booklet NCERT exercise / Practice Numerical	Students will be able to understand the concept of heating effect of electric current.	Physics Lab Experiment



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

IX	16-10-2023	10-11-2023	18	Ch – Magnetic effect of electric current. Topics: <ul style="list-style-type: none">● Magnetic field/field lines/field due to a current carrying conductor.● Solenoid/Force on current carrying conductor.● Fleming’s Left hand rule, Direct current.● Alternating current: frequency of AC.● Advantage of AC over DC. Domestic electric circuits.● Generator / Assignment Booklet	Students will be able to understand the concept of magnetic effect of electric current.	Virtual Tour to Physics Lab (Physics Experiment)
X	16-11-2023	22-11-2023	5	<ul style="list-style-type: none">● Revision		
SYLLABUS COMPLETION- 10-11-2023						
PRE-BOARD EXAMINATION -I: 23-11-2023 TO 11-12-2023						
PRE-BOARD EXAMINATION-II: 20-12-2023 TO 16-01-2024						



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

Class: X		Section: A,B,C		Subject: CHEMISTRY		Name of the Teacher: Mrs. RUCHI DOBHAL	
Module/Duration			No. of Days	Chapters and Topics to be taught	Learning Objectives	Activity Planned/ Integration of Art	
Module	From	To					
I	15th March 2023	31st March 2023	12	Ch: 1 Chemical reactions and equations: -Chemical equation, Balanced chemical equation, implications of a balanced chemical equation	The students will be able to : -balance a skeletal reaction.	-Group activity on Balancing a chemical equation Experiments: 1)Characteristics of a chemical equation-Change in colour,evolution of gas etc	
II	03rd April 2023	28th April 2023	17	Types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, neutralization, oxidation and reduction, -Corrosion and Rancidity	The students will be able to : -differentiate between different types of reactions. -understand the concept of corrosion and rancidity	Experiments : 1)Performing and observing the various reactions and classifying them into combination,decomposition, displacement and double displacement reaction	
III	01st May 2023	26th May 2023	19	Ch: 2 Acids, bases and salts: Their definitions in terms of furnishing of H ⁺ and OH ⁻ ions, -General properties, examples and uses, Indicators -Chemical properties of Acids and Bases -Concept of pH scale Importance of pH in everyday life; -Preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing soda and Plaster of Paris	The students will be able to : -differentiate between acids,bases and their various properties. -find the pH of different solutions. -know about the preparation and applications of various salts	-An innovative Collage on various substances such as fruits, vegetables, flowers and other substances and identify them as acidic,basic and neutral using natural and artificial indicators -Experiment: 1)To study the properties of acids and bases 2) Finding pH of various samples using pH paper/universal indicator -To design and develop eco friendly soda acid fire extinguisher with the material available at home	

SUMMER VACATIONS : 29th MAY 2023 to 30th JUNE 2023



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

IV	03rd July 2023	21st July 2023	15	Ch:3 Metals and nonmetals: - Physical properties of metals and non-metals -Chemical properties of Metals -Reactivity series.	The students will be able to : -list the various properties of metals and non metals -know about reactivity series	Experiments: 1) Observing the action of metals on salt solutions and arranging them in decreasing order of their reactivity -Powerpoint presentation on properties of metals and non metals
V	24th July 2023	11th Aug 2023	15	Formation and properties of ionic compounds; -Properties of ionic compounds	The students will be able to : -form ionic compounds. - list the properties of ionic compounds	-
VI	14th Aug 2023	01st Sept 2023	13	-Basic metallurgical processes Corrosion and its prevention.	The students will be able to: -understand the basic metallurgical processes -know about corrosion and methods to prevent corrosion	-
TERM-1 SYLLABUS COMPLETION 01 September 2023						
VII	04th Sept 2023	12th Sept 2023	06	REVISION FOR HALF YEARLY EXAMINATION		
HALF YEARLY EXAMINATION : 13th September 2023 to 27th September 2023						
TERM-II RESUMES EFFECTIVE FROM 29th SEPTEMBER 2023						
VIII	29th Sep 23	13th Oct 2023	11	CH:4 Carbon and its compounds: -Covalent bonding in carbon compounds. -Versatile nature of carbon. - Homologous series -Nomenclature of carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes, alkanes and alkynes).	The students will be able to : : -know about the versatile nature of carbon -name the carbon compounds.	-Clay modeling to explain the structures of carbon compounds



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

IX	16th Oct 2023	10th Nov 2023	18	<p>-Difference between saturated hydrocarbons and unsaturated hydrocarbons.</p> <p>-Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction).</p> <p>-Ethanol and Ethanoic acid (only properties and uses), soaps and detergents</p>	<p>The students will be able to :</p> <p>-differentiate between saturated and unsaturated hydrocarbons.</p> <p>-list the properties and uses of ethanol and ethanoic acid</p> <p>-compare soaps and detergents</p>	<p>Experiment:</p> <p>1)To study the properties of acetic acid like odour, solubility, effect on litmus, etc</p> <p>2)Study of the comparative cleaning capacity of a sample of soap in soft and hard water</p>
SYLLABUS COMPLETION -10 NOVEMBER 2023						
X	16th Nov 2023	22nd Nov 2023	05	REVISION		
PRE BOARD EXAMINATION I- 23rd NOV 2023 to 11th DEC 2023						
PRE BOARD EXAMINATION -II-20th DEC 2023 to 16th JAN 2024						



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

Class: X			Subject: BIOLOGY		Name of the Teacher: MS. SUTEKSHNA	
Module/Duration		No. of Days	Chapters and Topics to be taught	Learning Objectives	Activity Planned/Integration of Art	
Module	FROM TO					
TERM-I RESUMES EFFECTIVE FROM 3RD APRIL 2023						
I	15 th March 2023	31 th March 2023	12 Days	CH 6:Life Processes a)Nutrition	At the end of the topics students will be able to understand: <ul style="list-style-type: none"> • Nutrition and types of nutrition • Nutrition in Plants 	Temporary mount of leaf peel to show its stomata
II	3 th April 2023	28 th April 2023	17 Days	a)Nutrition continued.. b)Respiration	<ul style="list-style-type: none"> • Nutrition in animals and human beings. • Breakdown of glucose by various pathways • Respiration in fish and terrestrial animals and human beings 	Carbon dioxide is given out during respiration
III	1 st May 2023	26 th May 2023	19 Days	c)Transportation d)Excretion	<ul style="list-style-type: none"> • The role of blood in transportation of different substances • Structure of heart and process of double circulation. • Excretion in human beings and plants 	Depicting double circulation via model of heart
SUMMER VACATION: 29th MAY 2023 to 30th June 2023						
IV	3 rd July 2023	21 st July 2023	15 Days	CH 7 :Control and Coordination a) Animals: Nervous system b) Reflex action/Human Brain	<ul style="list-style-type: none"> • Function of receptors located in sense organs • Voluntary and involuntary action • Structure and functions of different parts of brain 	Depiction of various function of brain through art symbols
V	24 th July 2023	11 th August 2023	15 Days	CH 7: Control and Coordination c) Coordination in plants d) Chemical coordination in animals: Endocrine glands and their secretions (Hormones)	<ul style="list-style-type: none"> • Tropic movements in plants • Role of hormones in plants and human body 	Activity sheet:- Identify the glands on the activity sheet. Mention the names of their secretions in addition to their purposes.



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

VI	14 th August 2023	1 st September 2023	13 Days	Ch. 9: Heredity and Evolution a)Heredity b)Mendel's contribution c)Monohybrid cross d)Dihybrid cross e)sex determination	<ul style="list-style-type: none"> • Concept of heredity and variation • Mendel's law of Inheritance • Brief introduction of sex determination in various organism 	Practice sheet: Exercise hybrid cross based questions
TERM-1 SYLLABUS COMPLETION - 1 SEPTEMBER 2023						
VII	4 th September 2023	12 th September 2023	06 Days	*REVISION FOR HALF YEARLY EXAMINATION		
HALF YEARLY EXAMINATION :13th September 2023 to 27th September 202						
TERM-II RESUMES EFFECTIVE FROM 29thSEPTEMBER 2023						
VIII	29 th Septemb er 2023	13 th October 2023	11 Days	CH 8: How do organisms reproduce? a)Modes of reproduction/ Asexual reproduction/ Vegetative propagation b)Sexual Reproduction	<ul style="list-style-type: none"> • sexual reproduction in flowering plants and human beings • Asexual and Sexual reproduction 	-Budding in hydra and yeast -Binary fission in amoeba -Parts of embryo of dicot seed
IX	16 th October 2023	10 th November 2023	18 Days	c)Reproductive Health Ch. 15: Our Environment a) Ecosystem, Environmental problems b) Ozone depletion, Waste production and their solution c) Biodegradable and non-biodegradable substances	<ul style="list-style-type: none"> • Needs and methods of family planning • Safe sex vs HIV/ AIDS • Child bearing and women's health • Role of food chain and food web, effect of pollutants on our environment 	-Group discussion based on environmental concerns
SYLLABUS COMPLETION- 10th NOVEMBER 2023						
X	16 th November 2023	22 th November 2023	05 Days	REVISION PERIOD		
PRE-BOARD I EXAMINATION: 23rd November 2023 to 11th December 2023						
PRE-BOARD II EXAMINATION: 20th December 2023 to 16th January 2024						



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

Class: X		Section: A and B		Subject: HISTORY		Name of the Teacher: RITU PRIYA	
Module/Duration			No. of Days	Chapters and Topics to be taught	Learning Objectives	Activity Planned/ Integration of Art	
Module	From	To					
I	15/03/2023	31/03/2023	12	Nationalism in India: The First World War, Khilafat and Non-Cooperation, Towards Civil Disobedience, The Limits of Civil Disobedience Movement,	1.To recognize the characteristics of Indian nationalism through a case study of Non-Cooperation and Civil-Disobedience Movement. 2.To analyse the nature of the diverse social movements of the time. 3.Summarize the aspects of the First World War that triggered two defining movements (Khilafat and Non-cooperation Movement) in India	Summarize the aspects of the First World War that triggered two defining movements (Khilafat & Non-cooperation Movement) in India	
II	03/04/2023	28/04/2023	17	Nationalism in India: The Limits of Civil Disobedience Movement, The Sense of Collective Belonging	To familiarize with the writings and ideals of different political groups and individuals. To appreciate the ideas promoting Pan Indian belongingness. To familiarize with the writings and ideals of different political groups and individuals.	Every student has to compulsorily undertake any one project on the following topics: Consumer Awareness OR Social Issues OR Sustainable Development 2. Objective: The overall objective of the project work is to help students gain an insight and pragmatic understanding of the theme and see all the Social Science disciplines from an interdisciplinary perspective. It should also help in enhancing the Life Skills of the students.	
III	01/05/2023	26/05/2023	19	The Rise of Nationalism in Europe: The French Revolution and The Idea of the Nation, The Making of Nationalism in Europe,	<ul style="list-style-type: none"> To establish the relationship and bring out the difference between European nationalism and anticolonial nationalisms. To enable the learners to identify and comprehend the forms in which nationalism developed along with the formation of nation states in Europe in the post-1830 period. 	<ul style="list-style-type: none"> Use of graphic organizers to explain the idea of unification of states to form one nation. (Italy/ Germany/ Greece) Visual representation of the map of Pre-First World War Europe followed by the Class discussion and reflection activity based on the map of Post First World War Europe 	



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

IV	03/07/2023	21/07/2023	15	The Rise of Nationalism in Europe: New conservatism after 1815, The Age of Revolution : 1830-1848 Hunger Hardship and Popular Revolt, 1848-Revolution of the Liberals	Explore various facets of Nationalistic movements that ushered in the sense of Collective Belonging	<ul style="list-style-type: none"> To prepare a collage listing those measures taken by French revolutionaries to create a sense of collective identity. The collage may also contain visuals/images.
V	24/07/2023	11/08/2023	15	The Rise of Nationalism in Europe: The Making of Germany and Italy, Visualizing the Nation, Nationalism and Imperialism	<ul style="list-style-type: none"> Examine the ways by which the idea of nationalism emerged and led to the formation of nation states. Comprehend how the World War I was triggered by the scramble for colonies in the Balkan states 	<ul style="list-style-type: none"> The students may be asked to identify and list out names of such nations in contemporary times and locate them on a world map.
VI	14/08/2023	01/09/2023	13	The Making of a Global World: The pre modern world	<ul style="list-style-type: none"> Show that globalization has a long history and point to the shifts within the process. Analyze the implication of globalization for local economies 	Interdisciplinary Project with chapter 7 of Geography: Life lines of National Economy and chapter 4 of Economics:
VII	04/09/2023	12/09/2023	06	REVISION FOR HALF YEARLY EXAMINATION		
HALF YEARLY EXAMINATION: 13 September 2023 to 27 September 2023						
VIII	29/10/2023	13/10/2023	11	Print Culture and the Modern World: The First Printed Book (Page 153 - 157), Print Comes to Europe (Page 156 - 158), The Reading Mania (Page 162 - 164)	<ul style="list-style-type: none"> Examine the development of Print from its beginnings in East Asia to its expansion in Europe and India Analyze the impact of the spread of technology and consider how social life and culture changed with coming of print 	<ul style="list-style-type: none"> Flow chart to depict the development of Print Declamation on the profound transformation of people due to the print revolution. Use of Venn diagram to compare the advantages of hand written books and the printed books



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

IX	16/10/2023	10/11/2023	18	Print Culture and the Modern World: The Nineteenth Century, India and the World of Print (Page 165 - 168), Religion Reform and Public Debates, New Forms of Publication, Print and Censorship (Page 169 - 175)	Familiarise with pictures, cartoons, extracts from propaganda literature and newspaper debates on important events and issues in the past	<ul style="list-style-type: none">• Compare and contrast the old tradition of hand written manuscripts versus the print technology.• Summarise the role of Print revolution and its impact on World & India 's political, social and economic conditions.
SYLLABUS COMPLETION- 10 NOVEMBER 2023						
X	16/11/2023	22/11/2023	05	REVISION PERIOD		
PRE BOARD EXAMINATION 1: 23 NOVEMBER 2023 - 11 DECEMBER 2023 PRE BOARD EXAMINATION 2: 20 DECEMBER 2023 - 16 JANUARY 2023						



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

Class: X			Subject: GEOGRAPHY		Name of the Teacher: KIRAN SRIVASTAVA	
Module/Duration			No. of Days	Chapters and Topics to be taught	Learning Objectives	Activity Planned/Integration of Art
I	15 March 2023	31 March 2023	12 Days	Ch-1, Resources and Development: Types of Resources, Development of Resources, Sustainable Development, Agenda – 2, Resource Planning, Conservation Land Resource, Land use pattern in India Land Degradation & Conservation Soil as a Resource, Types of Soil	<ul style="list-style-type: none"> ❖ Familiarise with types of resources and understand land as a resource and its Utilization. ❖ To understand the types of soil (alluvial soil, black soil, red and yellow soil, laterite soil, arid soil) and distribution. ❖ Acquaintance with the changing land use pattern 	<ul style="list-style-type: none"> ❖ Brainstorming on how the resources are interdependent in nature and the need to develop them in India and present in the form of Venn diagram ❖ Map work: Major soil Types
II	3 April 2023	28 April 2023	17 Days	Ch-1, Resources and Development (Contd.): Soil Erosion and Types of Erosion, Conservation of Soil Ch-4 Agriculture: Types of Farming–Primitive Subsistence, Intensive Subsistence, Commercial Cropping Pattern.	<ul style="list-style-type: none"> ❖ Students will be able to understand the importance of land degradation and conservation Measures. ❖ Identify various types of farming ❖ Discuss the various farming methods; ❖ Describe the spatial distribution of major crops as well as understand the relationship between rainfall regimes and cropping patterns. ❖ Explain the various government policies for institutional as well as technological reforms since independence. 	<ul style="list-style-type: none"> ❖ Students will make a flowchart to show the different types of farming system. ❖ Make a tabular chart of different crops grown in India
III	1 May 2023	26 May 2023	19 Days	Ch-4, Agriculture(Contd.) Major Crops, Food Crops other than Grains, Non Food Crops, Technological and Institutional Reforms, Food Security (excluding impact of globalization on agriculture)	<ul style="list-style-type: none"> ❖ Will be able to Enumerate how agriculture plays a contributory role in Indian economy ❖ Students will be able to Analyse and infers the challenges faced by the farming community in India 	Map work: (Identification only) a) Major areas of Rice and Wheat Largest/Major producer states of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

IV	3 July 2023	21 July 2023	15 Days	<p>Ch-2, Forest and Wildlife Resources Conservation of forest and wildlife in India. Types and distribution of forests and wildlife resources, Community and Conservation.</p>	<ul style="list-style-type: none"> ❖ Understand the importance of forests and wildlife. ❖ Understand the ability and knowledge of how forest and wildlife conservation and management relate to the economy and environment, both currently and in the future. 	<p>Will debate on some of the essential questions in the class:</p> <ul style="list-style-type: none"> ❖ Enumerate how conservation of forests and wildlife are interdependent in nature and in maintain the ecology of India ❖ Analyse and infer how some of the developmental works, grazing wood cutting have impacted on the survival or otherwise of the forests
V	24 July 2023	11 August 2023	15 Days	<p>Ch-3, Water Resources: Water Scarcity and need for Water conservation and Management</p>	<ul style="list-style-type: none"> ❖ Comprehend the importance of water as a resource as well as develop awareness towards its judicious use and conservation. ❖ Will know about the traditional and modern methods of water conservation. 	<ul style="list-style-type: none"> ❖ Brainstorming session to discuss the scarcity of water and present through graphic organizers ❖ Prepare a PPT to Summarize the roles of Multipurpose projects in supporting the water requirement of India
VI	14 August 2023	1 September 2023	13 Days	<p>Ch-5, Minerals and Energy Resources: What is a mineral? ,Mode of occurrence of Minerals -Where are these minerals found?, Ferrous Minerals, Non-Ferrous Minerals, Non-metallic Minerals, Rock Minerals, Conservation of Minerals, Energy Resources</p>	<ul style="list-style-type: none"> ❖ Identify different types of minerals and energy resources and places of their availability. ❖ Feel the need for their judicious utilization 	<p>a) Map works (Identification only) Iron Ore mines: Mayurbhanj Durg Bailadila Bellary Kudremukh Power Plants (Locating and Labelling only)</p>
VII	4 September 2023	12 September 2023	6 Days	REVISION		
VIII	29 September 2023	13 October 2023	11 Days	<p>Ch-6, Manufacturing Industries: Importance, Industrial Location, Classification, Cotton Textile Industry, Jute, Sugar, Iron and Steel Industry Automobile Industries.</p>	<p>Students will be able:</p> <ul style="list-style-type: none"> ❖ To understand manufacturing sector as the backbone of development. To familiarize with the Government's different policies for manufacturing industries. ❖ To understand the industrial location, industrial activity followed by urbanization and industry-market linkage. 	<p>Map work: Iron and Steel Plants: Durgapur, Bokaro, Jamshedpur, Bhilai, Vijaynagar, Salem Software Technology Parks: Noida, Gandhinagar, Mumbai, Pune, Hyderabad, Bengaluru, Chennai, Thiruvananthapuram Map work: (Locating and Labelling Only) Cotton Textile Industries: Mumbai, Indore, Surat, Kanpur, Coimbatore.</p>



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

IX	16 October 2023	10 November 2023	18 Days	Ch-7: Lifelines of our National Economy (MAP WORK ONLY)	Students will be able: Mark the various important Airports Major Ports	Map work: Major Ports: (Locating and Labelling) Kandla, Mumbai, Marmagao, New Mangalore, Kochi, Tuticorin, Chennai, Visakhapatnam, Paradip, Haldia. Map work: International Airports: Amritsar (Raja Sansi), Delhi (Indira Gandhi International), Mumbai Chhatrapati Shivaji), Chennai (MeenamBakkam), Kolkata (Netaji Subhash Chandra Bose), Hyderabad (Rajiv Gandhi)
X	16 November 2023	22 November 2023	5 Days	REVISION		
PRE BOARD EXAMINATION 1: 23 November 2023- 11 December 2023 PRE BOARD EXAMINATION 2: 20 December 2023- 16 January 2024						



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

Class: X A/B/C			Subject: Civics/Political Science		Name of the Teacher: Mr. Abhishek Sharma/ Mrs Anju Sirohi	
Module/Duration			No. of Days	Chapters and Topics to be taught	Learning Objectives	Activity Planned/ Integration of Art
I	15 March 2023	31 March 2023	12 Days	Class X (Civics/Political Science) Democratic Politics -II Chapter 1: Power Sharing <ul style="list-style-type: none">● Belgium and Sri Lanka● Majoritarianism in Sri Lanka and Accommodation in Belgium	<ul style="list-style-type: none">● Familiarize with the centrality of power sharing in a democracy.● Understand the working of spatial and social power sharing mechanisms.● Understand reasons for power sharing.● Study about division of power in democracy● Examine the case studies of Belgium and Sri Lanka	<ul style="list-style-type: none">● The learner explains sharing of power among the Legislature, the Executive and the Judiciary.● demonstrates their skill by preparing illustrations on sharing of power.● explains–the concept of democracy.● Prepare a Flow Chart on different Organs of the Government
II	03 April 2023	28 April 2023	17 Days	Class-X (Civics/Political Science) Democratic Politics -II Chapter 1: Power Sharing <ul style="list-style-type: none">● Why Power sharing is desirable?● Forms of Power Sharing● Sense of Collective belonging	<ul style="list-style-type: none">● Comparative analysis of the difference between Prudential and moral reason behind power sharing.● Will able to understand that in modern democracies, power sharing arrangements can take many forms.● Will learn the importance of power sharing that it should be distributed among as many citizens.● Appreciate that how Power sharing can reduce the conflicts and fulfil our expectations in real life.● Enhance their communication skills by debating on Power should be reside in on person or a group or it should be shared.	



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

III	1 May 2023	26 May 2023	19 Days	<p>Class X (Civics/Political Science) Democratic Politics -II</p> <p>Chapter 2: Federalism</p> <ul style="list-style-type: none"> ● What is Federalism? ● What make India a Federal Country? ● How is Federalism practiced? ● Decentralization in India 	<ul style="list-style-type: none"> ● Analyse federal provisions and institutions. ● Explain decentralization in rural and urban areas. ● Understand the concept of 'Federalism' ● Study characteristic features of Federalism ● Learn about various aspects of Federalism in India ● Students will Appreciate the spirit of federalism, respect for diversity and desire for living together became shared ideals in our country ● understand the independent powers of the level of the government. know that the Indian Union is based on the principles of federalism. ● Comparative analysis of creation of the states in India_on the basis of languages. Students will Appreciate the spirit of federalism, respect for diversity and desire for living together became shared ideals in our country 	<ul style="list-style-type: none"> ● Identifies Federal Political Systems of the World ● compares and Contrasts between Federal and Unitary Form of Government. ● Locate places on the world map on countries having federal political system. • ● Prepare write-up on unique features of Federalism and Unitary System of Government.
IV	01 July 2023	21 July 2023	15 Days	<p>Class X (Civics/Political Science) Democratic Politics -II</p> <p>Chapter 2: Federalism</p> <ul style="list-style-type: none"> ● What is Federalism? ● What make India a Federal Country? ● How is Federalism practiced? <p>Decentralization in India</p> <p>Class X (Civics/Political Science) Democratic Politics -II</p> <p>Chapter 1: Power Sharing</p> <ul style="list-style-type: none"> ● Why Power sharing is desirable? ● Forms of Power Sharing ● Sense of Collective belonging 	<ul style="list-style-type: none"> ● understand the independent powers of the level of the government. know that the Indian Union is based on the principles of federalism. ● Comparative analysis of creation of the states in India on the basis of languages. Students will Appreciate the spirit of federalism, respect for diversity and desire for living together became shared ideals in our country ● Comparative analysis of the difference between Prudential and moral reason behind power sharing. ● Will able to understand that in modern democracies, power sharing arrangements can take many forms. ● Will learn the importance of power sharing that it should be distributed among as many citizens. ● Appreciate that how Power sharing can reduce the conflicts and fulfil our expectations in real life. 	<p>Prepare write-up on unique features of Federalism and Unitary System of Government.</p> <p>Locate places on the world map on countries having federal political system.</p>



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

V	24 July 2023	11 August 2023	15 Days	<p>Class X (Civics/Political Science) Democratic Politics -II</p> <p>Chapter 4 Gender, Religion and Caste</p> <ul style="list-style-type: none">● Gender and Politics Religion,● Communalism and Politics● Caste and Politics	<ul style="list-style-type: none">● Identify and analyse the challenges posed by communalism to Indian democracy.● Critical thinking that in the society how gender division is not based on biology but on social expectation and stereotype.● Examines and evaluates the given known or unknown given texts /visuals /political analysis /etc.● Critical thinking on the reports of harassment, exploitation and violence against women.● Appreciate the women's movements aimed at equality in personal and family life as well. Religion,● Communalism and politics Will able to understand that problem begins when religion is seen as the basis of the nation.● build their critical thinking skills Appreciate the quote of Gandhi ji politics must be guided by ethics drawn from religion. Enhance decision making with critical thinking	<p>Study and use of various media and techniques to the extent of their availability.</p> <p>PPT</p> <p>Collage and mosaic work with a variety of coloured papers and coloured printed pictures/photographs from magazines and newspapers (ARUNACHAL PRADESH)</p>
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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

VI	14 August 2023	01 Sep 2023	13 Days	<p>Class X (Civics/Political Science) Democratic Politics -II</p> <p>Chapter 4 Gender, Religion and Caste</p> <ul style="list-style-type: none">● Gender and Politics Religion,● Communalism and Politics● Caste and Politics	<ul style="list-style-type: none">● Appreciate the women's movements aimed at equality in personal and family life as well. Religion,● Communalism and politics Will able to understand that problem begins when religion is seen as the basis of the nation. build their critical thinking skills Appreciate the quote of Gandhi ji politics must be guided by ethics drawn from religion. Enhance decision making with critical thinking	-
VII	04 Sept 2023	12 Sept 2023	06 Days	<p>Class X (Civics/Political Science) Democratic Politics -II</p> <p>Chapter 6: Political Parties</p> <ul style="list-style-type: none">● Why do we need Political Parties?● How many Parties should we have?	revision	revision
VIII	29 Sept 2023	13 Oct 2023	11 days	<ul style="list-style-type: none">● Challenges to Political Parties● How can Parties be reformed?● National Political Parties● State Parties● Challenges to Political Parties● How can Parties be reformed?	<ul style="list-style-type: none">● identify the work of political parties. Appreciate the functions done by the political parties.● Comparative analysis of one party system and (at least) two party system● Critically analysis of merits and demerits of multiparty system. It can be very messy as well as allows a variety of interest.● Enhance decision making with critical thinking National and political parties and challenges to political parties	<ul style="list-style-type: none">● The learner describes different political parties in India and their role● explains the role of election commission develops materials showing different parties in India materials and prepare write-ups on founders of political parties in India● Define political parties and their role in shaping democracy. Share the write- up with your friends.



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

IX	16 Oct 2023	10 Nov 2023	18 Days	<p>Class-X (Civics/Political Science) Democratic Politics-II Chapter 7: Outcomes of Democracy</p> <ul style="list-style-type: none">• How do we assess democracy's outcomes?• Accountable, responsive and legitimate government Economic growth and development• Reduction of inequality and poverty• Accommodation of social diversity Dignity and freedom of the citizens	<ul style="list-style-type: none">• Evaluate the functioning of democracies in comparison to alternative forms of governments.• Understand the causes for continuation of democracy in India. Distinguish between sources of strengths and weaknesses of Indian democracy.• Examine some of the things we can reasonably expect from democracy and examine the record of democracy• Will able to understand the importance of people in decision making• Appreciate the form of the government which is always account table to the people.• Comparative analysis of the other forms of the government and find democracy has better outcomes.• Critically examine the role of democratic government in distribution of goods and opportunities.• Able to appreciate that democracy in India has strengthened the case of the disadvantaged and discriminated castes for equal status and equal opportunity	
X	16 Nov 2023	22 Nov 2023	5 days	REVISION		
PRE-BOARD I EXAMINATION: 23rd November 2023 to 11th December 2023						
PRE-BOARD II EXAMINATION: 20th December 2023 to 16th January 2024						



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

Class: X-A/B/C		Subject: ECONOMICS (Social Science)		Name of the Teacher: ACHINT BAJPAI		
Module/Duration		No. of Days	Chapters and Topics to be taught	Learning Objectives	Activity Planned/ Integration of Art	
I	15th 2023 March	31 st March 2023	12 Days	<p>Chapter 1 Development What Development Promises</p> <p>–</p> <ul style="list-style-type: none"> • Different people different goals 	Meaning of the term development and how it differentiates from the term growth. Learner shall be able to understand that idea of development may differ among different people and this may be conflicting also.	-
II	3rd April 2023	28 th April 2023	17 Days	<ul style="list-style-type: none"> • Income and other goals • National Development • How to compare different countries or states? • Income and other criteria 	Student shall also understand that individual aspirations are different than a nation's aspirations . and also how different states and countries can be compared on the basis of where development including income & other criteria's.	RESEARCH WORK: Identify concept of National Development by comparing any one country having higher per capita income than India as a suitable example. The analyst shall also find out the core causes behind the development in both the countries and also suggest remedies to the government regarding the changes that can be introduced to meet the expected rate of development.
III	1 st 2023 May	26 th May 2023	19 Days	<ul style="list-style-type: none"> • Public Facilities • Sustainability of development <p><u>Chapter 2 Sectors of the Indian Economy</u></p> <ul style="list-style-type: none"> • Sectors of Economic Activities • Comparing the three sectors • Primary, Secondary and Tertiary Sectors in India 	The learner shall be able to associate with the availability of public facility as an index of development in various countries along with sustainability of development in using various resources. Developing understanding on the generation of economic activities in various sectors in the economy and how they are different?	Make a Mind Mapping Chart showing the division of the three sectors of the economy generating various economic activities.



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

SUMMER VACATION PROJECT WORK ON CONSUMER PROTECTION ACT 1986						
IV	3rd July 2023	21st July 2023	15 Days	<p><u>Chapter 2 Sectors of the Indian Economy (continued)</u></p> <ul style="list-style-type: none"> • Division of sectors as organized and unorganized Sectors in terms of ownership: Public and Private Sectors. <p>Revision assignments on Sectors of Indian Economy</p>	-	-
V	24th July 2023	11th August 2023	15 Days	<p><u>Chapter 3 Money and Credit</u></p> <ul style="list-style-type: none"> • Money as a medium of exchange • Modern forms of money 	The student shall be able to interpret money and its functions and the evolution of money through various stages.	Case Study on any one prominent SHGs operating in India and their success story. (Eg. TANWA-Tamil Nadu Women in Agriculture)
VI	14th August 2023	1st September 2023	13 Days	<ul style="list-style-type: none"> • Loan activities of Banks • Two different credit situations • Terms of credit • Formal sector credit in India • Self Help Groups for the Poor 	To identify the role and different sources of credit available to the rural poor.	-
VII	4th September 2023	12th September 2023	6 Days	Revision assignments on Money & Credit		
HALF YEARLY EXAMINATION -13 th SEPTEMBER 2023 TO 27 th SEPTEMBER 2023						
VIII	29th September 2023	13th October 2023	11 Days	<p><u>Chapter 4 Globalization and the Indian Economy</u></p> <ul style="list-style-type: none"> • Production across countries • Interlinking production across countries • Foreign Trade and integration of markets 	-	-
IX	16 th October 2023	10 th November 2023	18 Days	<p>Globalization?</p> <ul style="list-style-type: none"> • Factors that have enabled Globalisation • World Trade Organisation • Positive and negative impacts of globalisation. 	To develop a broader perspective on the concept of Outsourcing as the fulcrum of Globalisation. Role and significance of W.T.O in governing international trade policies	-



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

X	16th November 2023	22nd November 2023	5 Days	Syllabus Completion-10 November 2023	<p><u>CLASS X THEME (Arunachal Pradesh)</u> ART ACTIVITIES 1.VISUAL ARTS 4.1.1. TWO-DIMENSIONAL OR PICTORIAL ACTIVITIES Collage and mosaic work with a variety of coloured papers and coloured printed pictures/ photographs from magazines and newspapers .PPT/VIDEO PRESENTATION Group Activity: Students can Prepare a PPT or Video Presentation on Arunachal Pradesh Historical/Political/Geographical /Economical Aspects Objectives of the Activity</p> <ul style="list-style-type: none">● Understanding about the Unity and Diverse culture of Country● Highlight the Economic Activities and Present living standards and per capita income with micro and macro aspects of economy in Arunachal Pradesh● Evaluate the challenges and understanding about the historical value and importance of Arunachal Pradesh and its creation● Analyse the Political factors and Working of legislature and federal structure of Arunachal
REVISION AND PREPARATION FOR PRE-BOARDS					
PRE-BOARD EXAMINATION-I : 23 NOVEMBER 2023 TO 11 th DECEMBER 2022					
PRE-BOARD EXAMINATION-II : 16 th JANUARY 2023 TO 27 th JANUARY 2023					



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

Class: X			Subject: IT		Name of the Teacher: MS. SOVAL DUDEJA	
Module/Duration			No. of Days	Chapters and Topics to be taught	Learning Objectives	Activity Planned/ Integration of Art
Module	From	To				
I	15 March 2023	31 March 2023	12	<p>UNIT 1: DIGITAL DOCUMENTATION (ADVANCED) PART B</p> <p>SESSION 1: CREATE AND APPLY STYLES IN THE DOCUMENT</p> <p>Styles/ categories in Word Processor Styles and Formatting window.</p> <p>Fill Format.</p> <p>Creating and updating new style from selection Load style from template or another document. Creating a new style using drag-and-drop.* Applying styles.</p> <p>SESSION 2: INSERT AND USE IMAGES</p> <p>Insert and use images in document Drawing objects and its properties.</p> <p>Creating drawing objects and changing its properties. Resizing and grouping drawing objects.</p> <p>Positioning image in the text.</p>	<p>Students will be able to Create and Apply Styles in open office writer/ Ms word document.</p> <p>Students will be able to Insert and use various option related to images in document</p>	<p>Use Fill Format to apply a style to many different areas quickly.</p> <p>Create and update a new style with colour red, font size 12, font name Arabic and give name to your style .</p> <p>Students will be creating a poster on cyber crime and apply various style in writer/ Ms word OR</p> <p>Make a infographic using canva to show case the preventive measurement of global warming on the occasion of earth day.</p> <p>Take any image or your photo and use any filter on it. Name the filter used.</p> <p>OR</p> <p>Create a poster showing art / culture food / festivals of Uttar Pradesh, Arunachal Pradesh and Meghalaya</p>



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

III	1 May 2023	26 May 2023	19	PART A : EMPLOYABILITY SKILLS UNIT 1: COMMUNICATION SKILLS SESSION 1: Methods of Communication SESSION 2 Verbal Communication SESSION 3 Non-verbal Communication SESSION 4: Communication Cycle and Importance of Feedback SESSION 5: Barriers to Effective Communication UNIT 2: ELECTRONIC SPREADSHEET (ADVANCED) PART B Using consolidating data. Creating subtotals. Using “what if” scenarios. Using “what if” tools Using goal seek and solver.	Students will understand the importance of effective communication skills required to perform any job in the real life. Students will be to consolidating data, Create subtotals and Use “what if” scenarios Use “what if” tools also	Group discussion about importance of communication. Case study based questions to analysis and consolidates data.
SUMMER VACATION: 29 May 2023 to 30 June 2023						
IV	3 July 2023	21 July 2023	15	UNIT 2: ELECTRONIC SPREADSHEET (ADVANCED) PART B Link data and spreadsheet Share and review a spreadsheet Create and use Macros in Spreadsheet PART A : EMPLOYABILITY SKILLS Unit – 2 Self-management Skills -II Session 1 Stress Management Session2 Self-awareness: Strength and Weakness Analysis Session 3 Self-motivation Session 4 Self-regulation: Goal Setting Session 5 Self-regulation: Time Management	Use goal seek and solver create and Use Macros in spreadsheet. Students will be able to learn employability skills required to work effectively in any job.	Use the macro recorder. Create a simple macro. Use a macro as a function. Create a SWOT analysis chart of your own strength and weaknesses along with measurement to achieve success in life.



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

V	24 July 2023	11 August 2023	15	PART A : EMPLOYABILITY SKILLS Unit– 3 Information and Communication Technology Skills - II	Students will be able to identify and use various networking devices	
VI	14 August 2023	1 September 2023	13	UNIT 3: DATABASE MANAGEMENT SYSTEM Concept and examples of data and information, Concept of database, Advantages of database, Features of database, Concept and examples of Relational database, Concept and examples of field, record, table, database, Concept and examples of Primary key, composite primary key, foreign key, Relational Data base management system (RDBMS) software. Create and edit tables using wizard and SQL commands Perform operations on Table Database query, Defining query, Query creation using wizard,* Creation of query using design view,* Editing a query Create Forms and Reports using wizard Creating form using wizard, • Steps to create form using Form Wizard, • Options to enter or remove data from forms • Modifying form, • Changing label, background, • Searching record using Form, • Inserting and deleting record using Form View, • Concept of Report in Base, • Creating Report using wizard	Students will be able to Appreciate the concept of Database Management System. Students will also create Store, manage data and Retrieve data using table and query in open office DBMS Base software. They will further Apply their knowledge to create Form using Form Wizard.	Identify the data and visualise information data in rows and columns. Create and Inserting data in the table, Editing records in the table, Deleting records from the table, Sorting / filtering Illustrate the various steps to create Report using Report Wizard, Demonstrate various examples of Report.
TERM-I SYLLABUS COMPLETION-1 SEPTEMBER 2023						
VII	4 September 2023	12 September 2023	6	REVISION FOR HALF YEARLY EXAMINATION		
HALF YEARLY EXAMINATION: 13 SEPTEMBER 2023 to 27 SEPTEMBER 2023						
TERM II RESUMES EFFECTIVE FROM 29 SEPTEMBER 2023						



DELHI PUBLIC SCHOOL R. N. EXTENSION

CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

VIII	29 September 2023	13 October 2023	11	<p>UNIT 4: WEB APPLICATIONS AND SECURITY Working With Accessibility Options. Understand Networking Fundamentals Introduction to Instant Messaging Chatting With a Contact – Google Talk Creating and Publishing Web Pages-Blog Using Offline Blog Editors Online Transaction Internet Security</p> <p>UNIT 4: WEB APPLICATIONS AND SECURITY contd.. Maintain workplace safety Prevent Accidents and Emergencies Protect Health and Safety at work</p>	<p>Students will be able to Understand various types of impairment that impact computer usage and how Various Computer Accessibility option helps them in using computer. Students will also learn to create their own blog.</p> <p>Students will be able to Prevent Accidents and Emergencies and Protect Health and Safety at work</p>	<p>Create a mind map of various type of internet connectivity. OR Maintain a school blog of your class monthly activities</p> <p>Create an awareness poster to spread safety and prevent accidents at workplace.</p>
IX	16 October 2023	10 November 2023	18	<p>PART A : EMPLOYABILITY SKILLS Unit 4 Entrepreneurial Skills-II Unit 5: Green Skills-II</p>	<p>Students will be able to identify functions and characteristics of becoming a buddy entrepreneur. They will further understand the importance of SDG goal to become a successful entrepreneur.</p>	<p>Students will create a PowerPoint presentation to achieve any sustainable goal among all 17 goals and also elaborate and present their ideas to combat challenges in achieving these goals in their ppt. OR Create a power point presentation to depicts culture /food/challenges faced by people of Uttar Pradesh, Arunachal Pradesh & Meghalaya</p>
SYLLABUS COMPLETION-10 NOVEMBER						
X	16 November 2023	22 November 2023	5	REVISION PERIOD		
PRE BOARD EXAMINATION-I:23 NOVEMBER 2023-11 DECEMBER 2023						
PRE-BOARD EXAMINATION-II:20 DECEMBER 2023 TO 16 JANUARY 2024						



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

Class: X th			Subject: ARTIFICIAL INTELLIGENCE(417)		Name of the Teacher: DIVAKAR KAUSHIK	
Module/Duration			No. of Days	Chapters and Topics to be taught	Learning Objectives	Activity Planned/ Integration of Art
Module	From	To				
1	15 th March 2023	31 st March 2023	12	<p>Unit 1: INTRODUCTION TO AI</p> <p>What is Intelligence? Decision Making.</p> <ul style="list-style-type: none"> • How do you make decisions? • What is Artificial Intelligence and what is not? • How do machines become Artificially Intelligent? • Applications of Artificial Intelligence around us • Introducing AI, ML & DL. • Introduction to AI Domains (Data, CV & NLP) 	<p>Knowledge: To identify and appreciate Artificial Intelligence and describe its applications in daily life.</p> <p>To relate, apply and reflect on the Human-Machine Interactions. To identify and interact with the three domains of AI: Data, Computer Vision and Natural Language Processing.</p>	<p>Activities :</p> <ul style="list-style-type: none"> • Dream Smart Home idea • Learners to design a rough layout of floor plan of their dream smart home • To write a letter. Writing a Letter to one's future self- 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
2	3 rd April 2023	28 th April 2023	17	<ul style="list-style-type: none"> • AI Ethics • Data Privacy • AI Bias • AI Access <p>Unit 2: AI Project Life Cycle</p> <ul style="list-style-type: none"> • Understanding Problem Scoping & Sustainable Development Goals • Simplifying Data Acquisition 	<p>Knowledge: To understand the impact of Artificial Intelligence on Sustainable Development Goals to develop responsible citizenship.</p>	<p>Video Session: Discussing about AI Ethics</p> <p>Activity: Ethics Awareness Students play the role of major stakeholders, and they have to decide what is ethical and what is not for a given scenario.</p> <p>Go Goals Board Game Learners to answer questions on Sustainable Development Goals</p>



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3	1 st May 2023	26 th May 2023	19	<p>Part A :Unit 1: Communication Skill-II</p> <p>Unit 2 continued</p> <p>Introduction to modelling</p> <ul style="list-style-type: none">● Introduction to Rule Based & Learning Based AI Approaches● Introduction to Supervised Unsupervised & Reinforcement Learning Models● Neural Networks● Evaluating the idea!	<p>Knowledge: Identify the AI Project Cycle framework.</p> <p>Understand the iterative nature of problem scoping in the AI project cycle. Foresee the kind of data required and the kind of analysis to be done.</p> <p>Identify data requirements and find reliable sources to obtain relevant data.</p>	<p>Activity 1: To create an “AI Model” to classify handwritten letters. Students develop a model to classify handwritten letters by dividing the alphabets into pixels.</p> <p>Pixels are then joined together to analyse a pattern amongst the same alphabets and to differentiate the different ones.</p> <p>Activity 2:</p> <p>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.
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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

4	3 rd July 2023	21 st July 2023	15	Part A: Unit2: Self-Management Skills-II Unit 3: Advanced Python Recap1: Jupyter Notebook ● Introduction to Virtual Environments Recap 2: : Introduction to Python ● Applications of Python ● Python Basics ● Python Packages(OpenCv, Numpy)	Knowledge ● Students go through lessons on Python Basics (Variables, Arithmetic Operators, Expressions, Data Types-integer, float, strings, using print() and input() functions) ● Students go through lessons on Python Packages (OpenCv, Numpy)	Activity ● Students will try some simple problem-solving exercises on Python Compiler. ● Personality Prediction
5	24 th July 2023	11 th August 2023	15	Part A Unit 3: ICT Skills-II Unit 3 continued. Python packages(Matplotlib, NLTK, Pandas) Unit 4: Data Science Introduction to Data Science ● Applications of Data Science ● Who Canvas–Who is having the problem? ● Revisiting AI Project Cycle Concepts of Data Sciences ● Data Acquisition, Data Exploration, Data Exploration, Evaluation, Data Collection ● Sources of Data, Types of Data ● Python for Data Sciences (Basic Statistics for Python) ● Statistical Learning & Data Visualisation	Knowledge: Students will learn to acquire, Identify data requirements and find reliable sources to obtain relevant data. They will gain an understanding about how to use Python for doing Statistical Analysis and create a visualisation around their findings.	Activity ● Students work around the scenarios given to them and think of ways to acquire data. ● 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.



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

6	14 August 2023	1 st September 2023	13	<p>Part A : Unit 4: Entrepreneurial Skills- I</p> <p>Unit 4 Continued</p> <ul style="list-style-type: none"> • Data Visualisation (Scatterplot, Bar Graph, Histogram, Box Plot) • Data Science Classification Model • K-nearest neighbour model: • Understanding K-nearest neighbour model 	<p>Knowledge:</p> <p>Student will learn about various data visualisation graph and will develop their understanding about classification models.</p>	<p>Activity</p> <ul style="list-style-type: none"> • Students will analyse the data and create a visualisations for them using Python libraries.
7	4 th September 2023	12 th September 2023	6	REVISION FOR HALF YEARLY EXAM		
8	29 th September 2023	13 th October 2023	11	<p>Part A:</p> <p>Unit 5: Green Skills-I</p> <p>Unit 5 Computer Vision :</p> <ul style="list-style-type: none"> • Introduction to Computer Vision • Applications of CV • Understanding CV Concepts • Pixels • How do computers see images? • Image Features • Understanding Convolution operator • Introduction to CNN 	<p>Knowledge:</p> <p>Student will learn about, how a computer differentiate between different objects in an image, how computers extract features from an image.</p>	<p>Activities:</p> <ul style="list-style-type: none"> • Train a computer to recognize your images, sounds and poses, then export your model from sites, apps using google Teachable Machine • Students will explore a virtual machine Neural Candy that dispenses candy when the user displays the requested image in front of the trained image model.



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CLASS-X MODULE WISE SYLLABUS (SESSION: 2023-24)

9	16 th October 2023	10 th November 2023	18	Unit 6 Introduction to NLP NLP Applications <ul style="list-style-type: none">• Human Language VS Computer Language• Text processing• Data Processing• Bag of Words• TFIDF• NLTK Unit 7 :Evaluation Introduction to Model Evaluation Confusion Matrix Understanding Accuracy, Precision, Recall & F1 Score	Knowledge: Student will learn how computer is able to understand and Comprehend various languages, they will learn about how Natural Processing algorithms work and divide a sentence into different parts of speech. Students learn to evaluate models and find accuracy and precision.	Activity 1: <ul style="list-style-type: none">• Students will be given different sentences and will practise how to break down them into different tokens.• Introduction to Chatbots Activity 2: Practice Evaluation Exercises on Confusion Matrix
10	16 th November 2023	22 nd November 2023	5	REVISION FOR PRE BOARD		
PRE-BOARD I EXAMINATION: 23rd November 2023 to 11th December 2023 PRE-BOARD II EXAMINATION: 20th December 2023 to 16th January 2024						