

CLASS X
SUBJECT- ENGLISH LANGUAGE & LITERATURE (184)

Sl. No.	Months	No. Of Working Days	Names of the Chapters/Topics to be Covered	Teaching Aids/E-Content/Innovative Practices to be Adopted	Tests/ Examinations to be Conducted
1	April & MAY 2024	20	FIRST FLIGHT- Prose -A Letter to God. Poems -Dust of Snow Fire & Ice FOOTPRINTS WITHOUT FEET- Triumph of Surgery GRAMMAR -Tenses WORDS & EXPRESSIONS- UNIT -01 WRITING TASK -Analytical Paragraph	https://www.youtube.com/watch?v=Em2kBA4U20M https://epathshala.nic.in/watch.php?id=4055 https://epathshala.nic.in/watch.php?id=4269 https://www.youtube.com/watch?v=pyOlo053K88 ➤ DIKSHA PORTAL ➤ NCERT Website ➤ Mind Maps ➤ PPT	Monthly Test-01
			Poem - A Tiger in the Zoo Prose -Nelson Mandela- Long Walk to Freedom Reading practice for summer vacation	https://epathshala.nic.in/watch.php?id=4056 ➤ Flipped Classroom ➤ DIKSHA PORTAL ➤ NCERT Website ➤ PPT ➤ Mind Maps https://learnenglishteens.britishcouncil.org/skills/reading	

2	June, 2024	18	FIRST FLIGHT- Prose-Two Stories About Flying Poem-How to Tell Wild Animals Prose -From the Diary of Anne Frank FOOTPRINTS WITHOUT FEET- The Thief's Story The Midnight Visitor WORDS & EXPRESSIONS- UNIT -02 GRAMMAR -Modals WRITING TASK -Letter to the Editor/ Organisation	https://epathshala.nic.in/watch.php?id=4056 https://epathshala.nic.in/watch.php?id=4057 https://epathshala.nic.in/watch.php?id=4058 https://www.youtube.com/watch?v=AUWE9qbKvrc https://epathshala.nic.in/watch.php?id=4270 https://epathshala.nic.in/watch.php?id=4271 https://www.youtube.com/watch?v=Va6aceRBdtY&t=50s ➤ Peer Teaching ➤ DIKSHA PORTAL ➤ NCERT Website ➤ PPT ➤ Mind Maps	Monthly Test-2
3	July, 2024	25	FIRST FLIGHT- Prose -Glimpses of India Poem -The Ball Poem FOOTPRINTS WITHOUT FEET- A Question of Trust WORDS & EXPRESSIONS- UNIT -03 GRAMMAR -Subject Verb Agreement WRITING TASK -Letter of Complaint	https://epathshala.nic.in/watch.php?id=4061 https://epathshala.nic.in/watch.php?id=4272 https://www.youtube.com/watch?v=Va6aceRBdtY ➤ DIKSHA PORTAL ➤ NCERT Website ➤ PPT ➤ Mind Maps ➤ ASL	Periodic test-01 Subject Enrichment Activity
4	August, 2024	24	FIRST FLIGHT- Poem -Amanda Prose -Mijbil the Otter FOOTPRINTS WITHOUT FEET- Footprints Without Feet	https://epathshala.nic.in/watch.php?id=4062 https://epathshala.nic.in/watch.php?id=205	Monthly Test-03

			The Making of a Scientist WORDS & EXPRESSIONS- UNIT -04 GRAMMAR-Reported Speech WRITING TASK-Letter of Placing Order	https://www.youtube.com/watch?v=PJiiNDs8h5Q&t=23s https://epathshala.nic.in/watch.php?id=4273 ➤ Quiz ➤ DIKSHA PORTAL ➤ NCERT Website ➤ PPT ➤ Mind Maps	Art Integrated Project
5	September, 2024	22	FIRST FLIGHT- Prose- Sermon at Benares Madam Rides the Bus Poem-The Trees Fog FOOTPRINTS WITHOUT FEET- The Necklace Bholi WORDS & EXPRESSIONS- UNIT – 07 & 08 GRAMMAR-Reported Speech (To be Continued) WRITING TASK-Inquiry Letter	https://epathshala.nic.in/watch.php?id=4063 https://www.youtube.com/watch?v=0hipMmVEHZA ➤ Role Plays based on ‘Madam Rides a Bus’ ➤ DIKSHA PORTAL ➤ NCERT Website ➤ Mind Maps	Periodic Test 2
6	October, 2024	16	FIRST FLIGHT- Prose-The Proposal Poem: For Anne Gregory	https://epathshala.nic.in/watch.php?id=4065 https://epathshala.nic.in/watch.php?id=4064	Monthly Test 4

			The Tale of Custard the Dragon FOOTPRINTS WITHOUT FEET- The Book that Saved the Earth WORDS & EXPRESSIONS- UNIT – 09 & 10 GRAMMAR-Determiners	https://epathshala.nic.in/watch.php?id=4275 https://epathshala.nic.in/watch.php?id=4277 Speech on ‘The Importance of Educating a Girl Child’ ☐ DIKSHA PORTAL ☐ NCERT Website ☐ Mind Maps	
7	November, 2024	22	WORDS & EXPRESSIONS- UNIT -11	https://epathshala.nic.in/watch.php?id=4278 Dramatisation DIKSHA PORTAL NCERT Website Mind Maps	First Board / First Pre-Board Examination
8	December, 2024	18	Revision	Chapter-wise revision of both First Flight and Footprints without Feet	Second Pre-Board Examination
9	January- 2025	24	Revision	Discussion/working out of questions from Sample Papers and Study Material	

10	February, 2025	22	Revision & Study Leave	Discussion/working out of questions from Sample Papers and Study Material	CBSE Exams
11	March 2025				CBSE Exams

PRESCRIBED TEXTS:

- FIRST FLIGHT
- FOOTPRINTS WITHOUT FEET
- WORDS AND EXPRESSIONS

NOTE:

1. The Slip Tests can be conducted for 5/10/15/20 Marks. Some of the of Slip Test types that can be given, are suggested below:

- Choose the Correct Alternative
- Speaker- Listener Test (Identifying the Speaker and Listener from the given dialogue)
- True or False Questions
- Referential/Inferential Questions
- Word Attack Questions
- Identifying the Literary Devices/Rhyming Words/Rhyme Scheme

2. Listening Exercise can be accessed by clicking on to the pdf link given below. It has been taken from the Official Site of The British Council
<https://drive.google.com/file/d/1aj23yJ-CfyFkA6bGFhNlwd5SKMrtkajR/view?usp=sharing>

Other Resources

British Council link for Grammar	https://learnenglish.britishcouncil.org/grammar
British Council link for Audios	https://learnenglish.britishcouncil.org/general-english/audio-series
Audio Lessons, Class X KVS	https://drive.google.com/drive/folders/1yis3ishfxAWLXR1_7_6A9jSl9PBz5wzD
ZIET Learning English-Mumbai	https://eugeneleen.blogspot.com/p/class-10.html

CLASS X**ENGLISH COMMUNICATIVE (101)**

SL.NO.	MONTHS	NO. OF WORKING DAYS	NAMES OF THE CHAPTERS/TOPICS TO BE COVERED	TEACHING AIDS/ E-CONTENT/ INNOVATIVE PRACTICES TO BE ADOPTED	TESTS/ EXAMINATION TO BE CONDUCTED
1	APRIL & MAY 2024	20	TWO GENTLEMEN OF VERONA (FICTION-1) THE FROG AND THE NIGHTINGALE (POEM-1) NOT MARBLE, NOR THE GILDED MONUMENTS(POEM-2) HEALTH AND MEDICINE (MCB-1) GRAMMAR: MODALS WRITING SKILLS: E-MAIL	1. Web Chart: Displaying the qualities or characters of a Gentleman. 2. Diary Entry: A) Lucia writing a diary about her past life and present situations. B) The nightingale writes a diary entry expressing her fears as the audience starts dwindling. 3. ASL	Monthly Test 1- April (The portion covered in the month of April)
2	JUNE	8	Mrs. PACKLETIDE'S TIGER (FICTION-2) WRITING SKILLS: FORMAL LETTER WRITING GRAMMAR: DETERMINERS	1. Debate: On the morality of Mrs. Packletide's actions in the story. 2. Interview: Conduct an interview with Mrs. Packletide/ Mrs. Loona Bimberton	
3	JULY	25	THE LETTER (FICTION-3) A SHADY PLOT (FICTION-4) OZYMANDIAS (POEM-3) THE DEAR DEPARTED (DRAMA-1) EDUCATION(MCB-2) GRAMMAR: SUBJECT VERB CONCORD	1. Reflective Essay: Discussing their personal interpretation of the poem and how it resonates with them on a deeper level. 2. Compare and contrast a shady plot with another piece of super natural fiction 3. Role play/ Dramatization 4. ASL https://cbseacademic.nic.in/aslcorner.html	PERIODIC TEST 1 (JULY) PORTION COVERED IN THE MONTH OF APRIL, MAY & JUNE
4	AUGUST	24	PATOL BABU (FICTION-5) THE RIME OF THE ANCIENT MARINER (POEM-4) WRITING SKILLS: FACTUAL DESCRIPTION OF PEOPLE/OBJECTS SCIENCE (MCB-3) ENVIRONMENT(MCB-4) GRAMMAR: CLAUSES	1. Create a list of symbols found in the poem and their implications. 2. Paragraph writing: How far will you go for your dreams and passions? 3. ASL	1. Monthly Test 2 (Portion covered in the month of July- to be conducted during first week of August) 2. Monthly Test 3 (Portion covered in the month of August- to be conducted during last week of August)

5	SEPTEMBER	22	VIRTUALLY TRUE (FICTION-6) JULIUS CAESAR (DRAMA-2) TRAVEL AND TOURISM(MCB-5) ARTICLE WRITING GRAMMAR: TENSES	1. Article Writing: Benefits and risks of using technology and artificial intelligence 2. Role play or Dramatization 3. ASL	PERIODIC TEST-2 (SEPTEMBER) PORTION COVERED IN THE MONTH OF JULY AND AUGUST
6	OCTOBER	16	SNAKE (POEM-5) NATIONAL INTEGRATION(MCB-6) GRAMMAR: REPORTED SPEECH	1. Group Activity: Dramatic reading of each stanza or section of poem 2. ASL https://cbseacademic.nic.in/aslcorner.html	1. Monthly Test 4 (Portion covered in the month of September- to be conducted during first week of October) 2. Monthly Test 5 (Portion covered during the last week of October)
7	NOVEMBER	22	1st PRE-BOARD/ 1st BOARD EXAM	REVISION	1st Pre-Board/1st Board - Multiple Board format
8	DECEMBER	18	REVISION	REVISION	2 nd Pre-Board/1st Board - Multiple Board format
9	JANUARY 2025	24		REVISION	
10	FEBRUARY	22			CBSE BOARD EXAM
11	MARCH				CBSE BOARD EXAM

CLASS X

SUBJECT- **HINDI COURSE-A (002)**

क्र. स.	महीना	कार्य दिवसों की संख्या	पाठ्यपुस्तक/पाठ का नाम क्षितिज भाग-2, कृतिका भाग-2, व्याकरण और रचनात्मक लेखन	शिक्षण सामग्री/ई-सामग्री/ नवीन दृष्टिकोण/ नवाचार	परीक्षा/ मूल्यांकन
1.	अप्रैल & मई 2024	20	1.सूरदास के पद 2.नेताजी का चश्मा 3. बालगोबिन भगत 4. रचना के आधार पर वाक्य भेद 5.अनुच्छेद लेखन	https://diksha.gov.in/play/collection/do_31310347521994752011426 भक्तिकाल एवं संत कवियों का परिचय NCERTद्वारा प्रस्तुत – https://youtu.be/MfPXEBQKC9s के.वि संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर अभ्यास-कार्य	मासिक परीक्षा बहुविकल्पीय प्रश्न परीक्षण
			1.राम-लक्ष्मण-परशुराम संवाद	https://diksha.gov.in/play/collection/do_31310347521994752011426	पर्ची परीक्षण
2.	जून	8	1.राम-लक्ष्मण-परशुराम संवाद 2. अपठित गद्यांश	NCERT द्वारा प्रस्तुत – https://www.youtube.com/live/VOKwsyKjl1o?feature=share के.वि संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर अपठित गद्यांश का अभ्यास	पर्ची परीक्षण
3.	जुलाई	25	1.आत्मकथ्य 2.लखनवी अंदाज़ 3. माता का अंचल 4. वाच्य 5. अपठितपद्यांश	https://diksha.gov.in/play/collection/do_31310347521994752011426 NCERT द्वारा प्रस्तुत - https://www.youtube.com/live/zxvL9iXJt5o?feature=share https://youtu.be/_GcCLHMzud8 https://youtu.be/y1oy3DV7VYs https://diksha.gov.in/play/collection/do_3131034752220119041928 वाच्य पहचानने एवं वाच्य परिवर्तन करने का अभ्यास	प्रथम आवधिक परीक्षा /

					बहुविकल्पीय प्रश्न परीक्षण
4.	अगस्त	24	1. उत्साह 2. अट नहीं रही है 3. एक कहानी यह भी 4. साना साना हाथ जोड़ि 5. अलंकार (उपमा रूपक, उत्प्रेक्षा, मानवीकरण, अतिशयोक्ति) 6. पत्र लेखन	https://diksha.gov.in/play/collection/do_31310347521994752011426 NCERT द्वारा प्रस्तुत – https://youtu.be/BwA05AtwDFo के.वि संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर अपठित पद्यांश एवं पत्र लेखन और स्ववृत्त लेखन का अभ्यास https://youtu.be/EPKHntA_Nuk https://diksha.gov.in/play/collection/do_3131034752220119041928 के.वि संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर अलंकार छांटने का अभ्यास	मासिक परीक्षा पर्ची परीक्षण बहुविकल्पीय प्रश्न परीक्षण
5.	सितंबर	22	1. यह दंतुरित मुस्कान 2. फसल 3. नौबतखाने में इबादत 4. पद परिचय 5. स्ववृत्त लेखन	https://diksha.gov.in/play/collection/do_31310347521994752011426 NCERT द्वारा प्रस्तुत- https://youtu.be/rAY-h3FWtoE https://youtu.be/Z-SzLKz5ov4	द्वितीय आवधिक परीक्षा पर्ची परीक्षण बहुविकल्पीय प्रश्न परीक्षण
6.	अक्तूबर	16	1. मैं क्यों लिखता हूँ 2. संगतकार	https://diksha.gov.in/play/collection/do_31310347521994752011426 NCERT द्वारा प्रस्तुत- https://youtu.be/vcLf7J4Rz-g	मासिक परीक्षा

			3. ई मेल लेखन 4. संदेश लेखन	https://youtu.be/WHUmDXywD9g https://diksha.gov.in/play/collection/do_3131034752220119041928 ई मेल लेखन का अभ्यास	पर्ची परीक्षण बहुविकल्पीय प्रश्न परीक्षण
7.	नवम्बर	22	1. संस्कृति 2. विज्ञापन लेखन	https://diksha.gov.in/play/collection/do_31310347521994752011426 NCERT द्वारा प्रस्तुत – https://youtu.be/FAV0_efGTKE https://youtu.be/Mey0U0EDhfc के.वि संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर विज्ञापन लेखन एवं सन्देश लेखन का अभ्यास	प्रथम बोर्ड पूर्व परीक्षा बहुविकल्पीय प्रश्न परीक्षण
8.	दिसम्बर	18	पुनरावृत्ति कार्य	सैम्पल पेपर अभ्यास https://cbseacademic.nic.in/web_material/doc/sqp/Sample%20Questions%20Class-X.rar	द्वितीय बोर्ड पूर्व परीक्षा
9.	जनवरी	24	पुनरावृत्ति कार्य	सैम्पल पेपर अभ्यास https://cbseacademic.nic.in//qbclass10.html	कक्षा परीक्षण, पर्ची परीक्षण बहुविकल्पीय प्रश्न परीक्षण
10.	फरवरी	22	पुनरावृत्ति कार्य	सैम्पल पेपर अभ्यास https://cbseacademic.nic.in/web_material/doc/sqp/Sample%20Questions%20Class-X.rar	आंतरिक मूल्यांकन पर्ची परीक्षण बहुविकल्पीय प्रश्न परीक्षण

Sl.No	Month	No. of working days	Name of the Chapter/Topic to be Covered	Teaching Aids/ E Content / innovative practices to be adopted	Proposed Activities	Tests & Assessment
1	April & May 2024	20	प्रथमः पाठः वाङ्मयं तपः व्यञ्जनसंधिः- वर्गीयप्रथमवर्णस्यतृतीयवर्णपरिवर्तनं, प्रथमवर्णस्यपञ्चमवर्णपरिवर्तनम्। पत्रलेखनम्।	सहायकपुस्तकानियथा-लघुसिद्धान्तकौमुदी, अभ्यासपुस्तिका	प्रश्ननिर्माणम्	लघुपरीक्षा Monthly Test
		1	चित्राधारितवर्णनम्।	सहायकपुस्तकानियथा- अभ्यासपुस्तकानि	समुचितचित्राणां संकलनम् एवं तेषां चित्राणां भाषायां वर्णनम्	
2	June	8	द्वितीयः पाठः - नास्तित्यागसमं सुखम् समयः- अङ्कानां स्थानेषु शब्देषु समयलेखनम्- सामान्य-सपाद-सार्थ-पादोनादि	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका	प्रश्नोत्तरी	लिखितपरीक्षा आशुभाषणम्
3	July	25	तृतीयः पाठः रमणीया हि सृष्टिरेषा तद्धितप्रत्ययः- मतुप्, ठक्। विसर्गसंधिः विसर्गस्य उत्त्वम्, रत्वम्, विसर्गलोपः, विसर्गस्य स्थानेस्, श्, ष् स्त्रीप्रत्ययः-टाप्, डीप्	सहायकपुस्तकानि यथा-लघुसिद्धान्त- कौमुदी, मणिका अभ्यासपुस्तिका द्वितीयः भागः		Periodic Test 1

4	August	24	चतुर्थः पाठः-आज्ञागुरुणां ह्यविचारणीया पञ्चमः पाठः अभ्यासवशगं मनः अव्ययीभावसमासः- (अनु, उप, सह, निर्, प्रति, यथा) द्वन्द्वसमासः (केवलम् इतरेतर) तद्धितप्रत्ययः त्व, तल् वाच्यपरिवर्तनम्- केवललट्लकारे (कर्तृ- कर्म, क्रिया)	सहायकपुस्तकानि यथा-लघुसिद्धान्त- कौमुदी, मणिका अभ्यासपुस्तिका द्वितीयः भागः	वाच्यपरिवर्तनेभि तिपत्रिकानि- र्माणम्	वाचिकपरीक्षा
5	September	22	षष्ठः पाठः- राष्ट्रं संरक्ष्यमेव हि सप्तमः पाठः साधुवृत्तिं समाचरेत् तत्पुरुषः समासः & अव्ययपदानि- (उच्चैः, च, श्वः, ह्यः, अय, अत्र- तत्र, यत्र- कुत्र)	सहायकपुस्तकानि यथा-लघुसिद्धान्त- कौमुदी, मणिका अभ्यासपुस्तिका द्वितीयः भागः	समासेभित्तिपत्रिका निर्माणम्	Periodic Test 2
6	October	16	अष्टमः पाठः- तिरुक्कुरल्- सूक्तिसौरभम् नवमः पाठः सुस्वागतं भो! अरुणाचलेऽस्मिन् तत्पुरुषसमासः नञ् । उपपद । अशुद्धिसंशोधनम् (वचन-लिङ्ग-पुरुष- लकारविभक्तिदृष्ट्या संशोधनम्)	सहायकपुस्तकानि यथा-लघुसिद्धान्त- कौमुदी, मणिका अभ्यासपुस्तिका द्वितीयः भागः	सूक्तिलेखनम्	मौखिकपरीक्षा

7	November	22	दशमः पाठः कालोऽहम्, एकादशः पाठः किं किमुपादेयम् अव्ययपदानि- (इदानीम्,अधुना,संप्रति,साम्प्रतम्,वृथा,श नैः,यदा,तदा,कदा, सहसा, अपि ,कुतः .इतस्ततः. यदि-तर्हि.यावत्-	सहायकपुस्तकानि यथा-लघुसिद्धान्त- कौमुदी, मणिका अभ्यासपुस्तिका द्वितीयः भागः	पाठपुस्तकात् अव्ययानां चयनं	निवेशसूचिका निर्माणम् Preboard 1
8	December	18	पुनरावृत्तिः प्रश्नपत्रस्य अभ्यासकार्यम्		निवेशसूचि- कायाः सम्पूर्णं	Pre board 2
9	January 2025	24	पुनरावृत्तिः प्रश्नपत्रस्य अभ्यासकार्यम्			PT 3
10	February	22	पुनरावृत्तिः प्रश्नपत्रस्य अभ्यासकार्यम्			CBSE exam
11	March		सत्रान्तपरीक्षा			CBSE exam

Useful Links

SAMSKRIT SAVARDHANA PRATHISHSTHAAN	https://www.sanskritpromotion.in
SAMSKRIT PROMOTION FOUNDATION	https://www.sanskritpromotion.in/
SANSKRIT BHARATHI	https://kerala.sanskritabharati.in/
CENTRAL SANSKRIT UNIVERSITY	https://www.sanskrit.nic.in/econtent.php
LEARN SANSKRIT	https://www.learnsanskrit.org/
ANDHRA GOVT	https://ndl.iitkgp.ac.in/homestudy/cbse_exam/x_subject/sanskrit
RASHTRIYA SANSKRIT SNASTHAN	https://www.india.gov.in/official-website-rashtriya-sanskrit
RAMAKRISHNA MISSION	https://sanskrit.rkmvu.ac.in/adm-communicative-sans/

Sl No.	Month	No. of Working Days	Name of the Chapter/ Topic to be covered	Teaching Aids / E-Content /Innovative Practice to be adopted	Test/Examination to be conducted
01	April and May 2024	20	Chemical Reactions and equations, Life processes	<u>PRACTICAL EXPERIMENTS</u> - 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 Suggestive activities *Develop a game using cards. Write symbols of elements, formulae, valencies and names of various reactions on different cards. These cards can be used for learning balancing of chemical equations and also in classifying chemical reactions.(Toy pedagogy) *Experiential Learning through simulation-Types of chemical Reactions http://amrita.olabs.edu.in/?sub=73&brch=3&sim=81&cnt=1 http://amrita.olabs.edu.in/?sub=73&brch=3&sim=80&cnt=1 http://amrita.olabs.edu.in/?sub=73&brch=3&sim=82&cnt=1 *Extended Learning https://youtu.be/pYqL0ngWUiY (Chemical reactions part 1-NCERT OFFICIAL) https://youtu.be/_AiYmM1OTJI (Chemical reactions part 2-NCERT OFFICIAL)	*Monthly Test 1 *Slip Tests-Balancing reactions, Identifying the type of reactions, Classification of reactions, Identifying the substance oxidized and reduced *Exemplar Problems https://ncert.nic.in/ncerts/l/jep101.pdf *CBSE Question Bank-Sample Case Studies https://cbseacademic.nic.in/web_material/QuestionBank/ClassX/ScienceX.pdf (page1-6)

			Life processes	<u>PRACTICAL EXPERIMENTS</u> - Preparing a temporary mount of a leaf peel to show stomata. - Experimentally show that carbon dioxide is given out during respiration. *Suggestive activities Toys from trash (toy pedagogy) https://www.arvindguptatoys.com/beginner-biology.php *Develop models of different Human Body Systems using indigenously available materials from your surroundings (Toy pedagogy) *(Experiential Learning through simulation) https://amrita.olabs.edu.in/?sub=79&brch=16&sim=390&cnt=1 (liberation of carbon dioxide during fermentation) https://amrita.olabs.edu.in/?sub=79&brch=16&sim=126&cnt=1 (Importance of light in photosynthesis)	*Monthly Test 2 Slip tests on Basic concept of nutrition, respiration, transport and excretion in plants and animals. *Making of flowcharts and concept maps on Basic concept of nutrition, respiration, transport and excretion in plants and animals. *NCERT Exemplar problems https://ncert.nic.in/ncerts/l/jeep106.pdf
02	June	08	Light – reflection and refraction	*Suggestive activities https://sites.google.com/acads.iiserpune.ac.in/iiserp-scienceactivitycentre/home/hidden-beaker?authuser=0 (Refractive Index-IISER Pune) https://www.arvindguptatoys.com/fun-with-light.php (Toys based on concepts related to light -Toy pedagogy) *Experiential Learning through simulation) https://cdac.olabs.edu.in/?sub=74&brch=9&sim=67&cnt=1 (To find focal length of a concave mirror) https://cdac.olabs.edu.in/?sub=74&brch=9&sim=38&cnt=1 (To study reflection in a concave mirror)	*Slip tests on Reflection of light by curved surfaces, Images formed by spherical mirrors, Refraction; Laws of refraction, refractive index. Refraction of light by spherical lens; Image formed by spherical lenses. *Numerical based on mirror formula, lens formula, magnification and power of a lens *NCERT Exemplar problems

				https://amrita.olabs.edu.in/?sub=1&brch=4&sim=277&cnt=2 (Focal length of a convex lens) https://amrita.olabs.edu.in/?sub=1&brch=4&sim=278&cnt=1 (Convex lens image formation and magnification) https://cdac.olabs.edu.in/?sub=74&brch=9&sim=37&cnt=1 (Refraction of light in a rectangular glass slab)	https://ncert.nic.in/ncerts/l/jeep110.pdf
03	July	25	Light – Reflection and Refraction(contd) Human Eye and colourful world, Acid, Bases and Salts, Control and coordination,	<u>PRACTICAL EXPERIMENTS</u> - Determination of the focal length of: i) Concave mirror ii) Convex lens by obtaining the image of a distant object. - Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result - Tracing the path of the rays of light through a glass prism. - Finding the pH of the following samples by using pH paper/universal indicator: (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with: a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate *Suggestive activities-Human Eye (Experiential Learning through simulation) https://amrita.olabs.edu.in/?sub=1&brch=6&sim=246&cnt=1 (Refraction through a prism) *Suggestive activities-Acids ,Bases *Take various substances, and classify their nature as acidic, basic and neutral using any of the self-made natural indicators like black grapes/red cabbage/beetroot/turmeric. Tabulate your observations. *Extended Learning https://amrita.olabs.edu.in/?sub=73&brch=3&sim=270&cnt=1 (To identify Bleaching powder-Experiential Learning through simulation) https://youtu.be/M2C00aHAPb4	*Periodic test 1 *Slip tests on Functioning of a lens in human eye, defects of vision and their corrections, Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life *Curriculum aligned competency-based test items https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf (page 39-41) *Slip tests on pH, salts their preparation and properties *MCQs based on properties of acids, bases and salts. *Curriculum aligned competency-based test items https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf

				(Interactive Session PMeVidya)	(page 6-10)
04	August	24	Control and coordination(Contd) Electricity, Metals and non-metals,	*PRACTICAL EXPERIMENTS - 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) $\text{Al}_2(\text{SO}_4)_3(\text{aq})$ Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result. - Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I. - Determination of the equivalent resistance of two resistors when connected in series and parallel. *Suggestive activities-Control and Coordination (Experiential Learning through simulation) https://amrita.olabs.edu.in/?sub=79&brch=16&sim=315&cnt=1 (photo and geotropism) *Suggestive activities-Electricity (Temperature and resistance -IISER Pune) https://sites.google.com/acads.iiserpune.ac.in/iiserp-scienceactivitycentre/home/open-bulb-experiment-temperature-and-resistance?authuser=0 (Resistant pencil-toy Pedagogy) https://www.arvindguptatoys.com/toys/resister.html *Experiential Learning through simulation https://cdac.olabs.edu.in/?sub=74&brch=9&sim=75&cnt=1 (Verification of Ohms Law) https://amrita.olabs.edu.in/?sub=1&brch=4&sim=40&cnt=1 https://amrita.olabs.edu.in/?sub=1&brch=4&sim=41&cnt=1 (Equivalent resistance of resistors in series and parallel) *Suggestive activities-Metals and Non metals *Collect pictures and information related to the historical	*Monthly test 3 Slip tests on Nervous system, reflex action, tropism, plant and animal hormones. *NCERT Exemplar problems https://ncert.nic.in/ncerts/l/jeep107.pdf *Slip tests on Electric current, potential difference , Ohm's law; Resistance, Resistivity, Heating effect of electric current and its applications in daily life, Electric power. *Tests on numerical based on Ohms law, series and parallel combinations, resistance, Joules law and power. NCERT Exemplar problems https://ncert.nic.in/ncerts/l/jeep112.pdf Slip tests on Properties of metals and non-metals; Formation and properties of ionic compounds; Basic metallurgical processes; Corrosion and its prevention *Exemplar Problems

				background of two rust resistant monuments built in India OR Collect information and pictures about the field of metallurgy in ancient India. (Integrated Learning)	https://ncert.nic.in/ncerts/l/jeep103.pdf
05	September	22	How do organisms reproduce ? Carbon and its compounds, Heredity ;	<u>PRACTICAL EXPERIMENTS</u> - Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides. - Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean). - Study of the following properties of acetic acid (ethanoic acid): Unit-I i) Odour ii) solubility in water iii) effect on litmus iv) reaction with Sodium Hydrogen Carbonate - Study of the comparative cleaning capacity of a sample of soap in soft and hard water. *Suggestive activities-How do Organisms Reproduce (Experiential Learning through simulation) https://amrita.olabs.edu.in/?sub=79&brch=16&sim=135&cnt=1 (Embryo of dicot seed) https://amrita.olabs.edu.in/?sub=79&brch=16&sim=134&cnt=1 (Asexual reproduction) *Suggestive activities-Carbon Compounds Make ball and stick models of different covalent compounds using clay balls and tooth pick(Toy Pedagogy) *(Experiential Learning through simulation) https://amrita.olabs.edu.in/?sub=73&brch=3&sim=280&cnt=1 (Esterification reaction) http://amrita.olabs.edu.in/?sub=73&brch=3&sim=119&cnt=1 (Saponification reaction) https://amrita.olabs.edu.in/?sub=73&brch=3&sim=283&cnt=1	Slip tests on asexual ,sexual reproduction in plants, sexual reproduction in animals, contraception *NCERT Exemplar problems https://ncert.nic.in/ncerts/l/jeep108.pdf *Slip tests on Covalent bonding, Versatile nature of carbon, Nomenclature of carbon compounds containing functional groups, Chemical properties of carbon compounds , Ethanol and Ethanoic acid , soaps and detergents. *NCERT Exemplar problems https://ncert.nic.in/ncerts/l/jeep104.pdf Slip test on Heredity; Mendel's contribution- Laws for inheritance of traits Monohybrid ,Dihybrid cross, Sex determination Curriculum aligned competency based test items

				(To compare the foaming capacity) http://amrita.olabs.edu.in/?sub=73&brch=3&sim=120&cnt=1 (Cleansing capacity of soap) *Suggestive activities -Heredity *Make a write up about Life and Work of Gregor Johan Mendel(Integrated Learning)	https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf (page 31-33) *Periodic test 2
06	October	16	Our environment	*Suggestive activities Make a report about waste disposal mechanism in your locality .Comment about its effectiveness and suggest remedial measures that can be adopted for successful waste management.(Integrated Learning)	Slip tests on Eco-system, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substance. *NCERT Exemplar problems https://ncert.nic.in/ncerts/l/jeep115.pdf *CBSE Question Bank-Sample Case Studies https://cbseacademic.nic.in/web_material/QuestionBank/ClassX/ScienceX.pdf (page 7-14)
07	November	22	Magnetic effects of electric current	*Suggestive activities Toys from trash based on electricity and magnetism-(Toy pedagogy) http://www.arvindguptatoys.com/electricity-magnetism.php/electricity-magnetism.php *Experiential Learning through simulation	Slip tests on Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule, Direct current, Alternating

			https://cdac.olabs.edu.in/?sub=74&brch=9&sim=74&cnt=1 (Field lines around a bar magnet) https://cdac.olabs.edu.in/?sub=74&brch=9&sim=90&cnt=1 (Magnetic field lines around a current carrying conductor) https://cdac.olabs.edu.in/?sub=74&brch=9&sim=91&cnt=1 (Magnetic field lines around current carrying solenoid) *Extended Learning https://youtu.be/rtjGH0B-vVA (Magnetic effects of current-NCERT OFFICIAL))	current, Domestic electric circuits *Curriculum aligned competency based test items https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf First Pre board exam
08	December	18	Revision	Second Pre board exam
09	January 2025	24	Revision	Slip Tests
10	February	22	Revision	
11	March		Board Exam	

CLASS X
SUBJECT- MATHEMATICS (041)

Sl. No.	Month	No of days	Name of the chapter/topic to be covered	Teaching aids/E content/Innovative practices to be adopted	Test/ Examinations to be conducted
1	APRIL-MAY 2024	20	Real Numbers Polynomials Pair of Linear Equations in two variables	Fundamental theorem of arithmetic and proof of irrationality https://diksha.gov.in/play/content/do_3131105874952028161159 Prime factorisation practise question https://docs.google.com/document/d/1PVX1kQ_RKN1vr7NJ_xBRxFHMFf0rQ480zaYtPJhM24/edit?usp=sharing Relation between zeroes and coefficients https://diksha.gov.in/play/content/do_31308591688158412812925 https://docs.google.com/document/d/14ePs63WJ4HXyp24kr5_CAhT4rojAEARQayv-iyYr-hoY/edit?usp=sharing ACTIVITY: To draw the graph of a quadratic polynomial Graphical method https://diksha.gov.in/play/content/do_31308591720098201612117 ACTIVITY. To verify the conditions of consistency/ inconsistency for a pair of linear equations in two variables by graphical method	class test https://docs.google.com/document/d/17pdt99in9hneepSFGwLEZlyBZ6hhIonp-5_VFy9ElkY/edit?usp=sharing Exemplar Problems https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep201.pdf https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep202.pdf https://docs.google.com/document/d/1VsZm0LAB3jAeH5bo9kXK6uwWzgVHZtt--Db2bAav3jw/edit?usp=sharing https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep203.pdf

			Pair of Linear Equations in two variables(contd.)	Substitution method https://diksha.gov.in/play/content/do_3130591040582942721683	https://docs.google.com/document/d/1wfEtCzdN9NUcVjAAmVN1LIUrbxtOxPeXqfWTNZZb8co/edit?usp=sharing
2	June	8	Quadratic Equations	Solution of quadratic equation by factorisation https://diksha.gov.in/play/content/do_31307451614501273619694 Nature of roots https://diksha.gov.in/play/content/do_3130191964533555201883 Quadratic formula https://diksha.gov.in/play/content/do_31308591730928844814098	https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep204.pdf Monthly Test
3	July	25	Arithmetic Progressions Coordinate Geometry	Introduction to AP https://diksha.gov.in/play/content/do_31308591745078886414099 sum of n terms https://diksha.gov.in/play/content/do_3130191966102814721894 ACTIVITY (P.NO 107-116) *To identify Arithmetic Progressions *To find the sum of first n natural numbers. *To establish a formula for the sum of first n terms of an Arithmetic Progression. Distance formula https://diksha.gov.in/play/content/do_31308591765972582412770 Section formula https://diksha.gov.in/play/content/do_3130580952582963201340	https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep205.pdf Periodic Test 1 Practice Test Link https://docs.google.com/document/d/1SgSpQmHtl7Y4Qq_cj9rBVgUJvHeQx62uTQEv4p761XM/edit?usp=sharing https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep207.pdf Practise questions https://docs.google.com/document/d/1BinH-4y9Y2a1qQ9EICsNvYy4_3cvLtF4Yge0qiA2b6g/edit?usp=sharing Practise questions

			Triangles	ACTIVITY: To verify the distance formula by graphical method. Similar figures https://diksha.gov.in/play/content/do_31308591754647961612769 Activity 6: Basic Proportionality Theorem https://ncert.nic.in/pdf/school-kit/SecondaryMathematicsKit.pdf Application of similar triangles https://diksha.gov.in/play/content/do_31307451625548185615987	https://docs.google.com/document/d/1ONBvwvsizOGVotSOsMrLCc48c9IJRDT-ObFAN80r_wA/edit?usp=sharing https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_206.pdf Slip Tests
4	August	24	Circles Introduction to Trigonometry Trigonometric Identities Applications of Trigonometry	Tangent to a circle 1. https://diksha.gov.in/play/content/do_31307451633015193619404 2. https://diksha.gov.in/play/content/do_31307451640422400015746 3. https://diksha.gov.in/play/content/do_31307451644502835217027 Number of tangents from a point on a circle https://diksha.gov.in/play/content/do_3130191970827304961818 Activity: To verify experimentally that the tangent at any point to a circle is perpendicular to the radius through that point.(406) Trigonometric ratios https://diksha.gov.in/play/content/do_31307886010605568018054 Trigonometric Identities https://diksha.gov.in/play/content/do_31307886016660275217879	Monthly Test <

				Activity 40: To verify that the values of trigonometric ratios of an angle do not vary with the lengths of the sides of the triangle. Activity 41: Trigonometric identities	https://docs.google.com/document/d/1gatrqMudpp8WDr3oNgaDjl55kHS0y6cxpCcPdno6l0k/edit?usp=sharing
5	September	22	Areas related to Circles Surface Area and volume.	Area of sector of a circle https://diksha.gov.in/play/content/do_31307967529566208018343 https://diksha.gov.in/play/content/do_313079675405795328110069 https://diksha.gov.in/play/content/do_313079675589124096110070 https://diksha.gov.in/play/content/do_31310506966559948813238 https://diksha.gov.in/play/content/do_31310506990987673612112 Surface area of combination of solids https://diksha.gov.in/play/content/do_3130191976380170241408 Activity 42: Surface areas and volumes of solids mean -direct method https://diksha.gov.in/play/content/do_313078860554584064111729	Periodic Test 2 (Cumulative) https://docs.google.com/document/d/1tWOapiIZQyrgtMPICcLOt4SMP3nbYqGRwmt5apbwpk/edit?usp=sharing https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep211.pdf https://docs.google.com/document/d/1tqP47IYcUJ-PA6HmG-8ey2FB4DoG-qxKKn7AfuqA5bE/edit?usp=sharing https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep212.pdf
6	October	16	Statistics	Assumed mean https://diksha.gov.in/play/content/do_3131105897449062401800 mode https://diksha.gov.in/play/content/do_313079679289942016110074 median	https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep213.pdf Additional Practise questions by CBSE

			Probability	https://diksha.gov.in/play/content/do_31310507106339225612622 empirical formula https://diksha.gov.in/play/content/do_3131105904625254401160 Introduction https://diksha.gov.in/play/content/do_31308591772304998414101 coin case https://diksha.gov.in/play/content/do_31308591783990886411848 3 coin case https://diksha.gov.in/play/content/do_31308591787976294412119 LAB ACTIVITY: To determine the experimental probability of a head (or a tail) dice https://diksha.gov.in/play/content/do_31308591832874188812771	https://cbseacademic.nic.in/web_material/SQP/ClassX_2022_23/Mathematics-PQ.pdf Marking Scheme https://cbseacademic.nic.in/web_material/SQP/ClassX_2022_23/Mathematics-PQMS.pdf Sample paper chrome-extension://efaidnbmnnnibpcajpcglclefndmkaj/https://cbseacademic.nic.in/web_material/SQP/ClassX_2023_24/MathsStandard-SQP.pdf
7	November	22	Revision and preboard		Preboard Sample paper chrome-extension://efaidnbmnnnibpcajpcglclefndmkaj/https://cbseacademic.nic.in/web_material/SQP/ClassX_2023_24/MathsBasic-SQP.pdf
8	December	18	Revision and preboard		Preboard
9	January 2025	24	Revision and preboard		practise tests
10	February	22	Revision		Practise tests.
11	March		Board Examinations.		

CLASS X**SUBJECT- SOCIAL SCIENCE (087)**

S.N.	Month	No of working days	Name of the chapter/ topic to be covered	Teaching aids/E-content / Innovative practices to be adopted	Test examinations to be conducted
1	April and May 2024	20	The Rise of Nationalism in Europe Power Sharing	<u>The Rise of Nationalism in Europe</u> https://diksha.gov.in/play/content/do_312795738191781888112086 https://www.youtube.com/watch?v=gXuycMzfBW0 (NCERT Official) Suggestive Activities Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com) Map Activity- Identify and list out names of nations mentioned in the lesson and locate them on a world map. Prepare a chart listing those measures taken by French revolutionaries to create a sense of collective identity. The chart may also contain visuals/images. Group Discussion –Topic-Napoleon destroyed democracy in France Worksheet -MCQ <u>Power Sharing</u> https://diksha.gov.in/play/content/do_312795738479017984112109 Suggestive Activities Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com) Prepare a Flow Chart on different Organs of the Government. Quiz	Monthly Test

Write a short note on the growing importance of Tertiary sector in India
Debate on the topic “Enlargement of the Unorganised sector is mark of Economic instability”

Worksheet-MCQ

Water resources

https://diksha.gov.in/play/content/do_312795737857212416110823

Suggestive Activities

[Class-10 – Kendriya Vidyalaya No.2 Jaipur\(Online Study Material\)](#)
[\(wordpress.com\)](#)

Debate on the topic –“Multipurpose River Projects showed the way for multi-faceted development”

Map Activity-Locate /identify the major Multipurpose River Projects of India

Suggest five ways for water conservation

Quiz

Gender, Religion and Caste

https://diksha.gov.in/play/content/do_31279787240154726411798

Suggestive Activities

[Class-10 – Kendriya Vidyalaya No.2 Jaipur\(Online Study Material\)](#)
[\(wordpress.com\)](#)

Prepare Glossary of terms in the lesson

Prepare Charts on the following: ❖ Work done by men and women in the family in the whole day, paid/unpaid. ❖ Political representation of women in the Panchayats, Municipalities and the Parliament.

Group Discussion –Caste alone cannot determine election results in India.

4	August	24	Nationalism in India Agriculture Minerals and Energy Resources Political Parties	Nationalism in India https://diksha.gov.in/play/content/do_312795738201382912112087 https://www.youtube.com/watch?v=0xU92TTkHpc (NCERT Official) Suggestive Activities Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com) Map Activity-Indian National Congress Sessions , Important Centres of Indian National Movement Prepare a time line specifying the major events of Indian National Struggle. Write a poem on Jallianwala incident. List down the factors that created a sense of collective belonging among Indians. Agriculture https://diksha.gov.in/play/content/do_312795737873481728110825 Suggestive Activities Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com) Map Activity-Important areas of major crops grown in India. Prepare a table furnishing the climatic and soil requirements of the major food and cash crops of India. Prepare a list of institutional and technological reforms which improved agricultural production in India Quiz/Worksheet-MCQ Minerals and Energy Resources https://diksha.gov.in/play/content/do_312795737892405248112057	Monthly Test
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				Suggestive Activities Collection of newspaper articles on Energy Crisis and methods to tackle it. Map Activity-Locate /identify the important Nuclear and Thermal power stations in India. Prepare a flow chart on types of Minerals Political Parties https://diksha.gov.in/play/content/do_312795738551951360110840 Suggestive Activities Role play on the ideologies, and features of the National political parties of India. Prepare a list of the functions of political parties Suggest five ways to reform political parties Quiz	
5	September	22	The Making of a Global World outcomes of Democracy Manufacturing Industries	The Making of a Global World https://diksha.gov.in/play/content/do_312795738235682816112090 - Suggestive Activities Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com) Prepare a short note on Bretton Woods Institutions Find out five differences between ancient globalisation and neo globalisation Role play- “A merchant at an English village during Proto Industrialisation period” Worksheet -MCQ Outcomes of Democracy https://diksha.gov.in/play/content/do_312795738559021056110841	Periodic Test: 2 [HALF YEARLY]

				Suggestive Activities Analyze any two cartoons given in the lesson or prepare a cartoon on any of the outcomes of democracy and collect the different interpretations Debate on the topic –Democracy is the most accountable form of government Manufacturing Industries Chapter 6 Manufacturing Industries.pptx - Google Drive Suggestive Activities Map Activity-Locating and Labelling the major industries and industrial areas in India. Group Discussion on Industrial pollution and solutions. Worksheet -MCQ	
6	October	16	Money and Credit The Age of Industrialization Globalisation And The Indian Economy	Money and Credit https://diksha.gov.in/play/content/do_312795738332872704112096 Suggestive Activities Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com) Role play on Barter system and Double coincidence of wants Prepare a list of the functions of the Reserve Bank of India. Prepare a flow chart on Modern forms of Money The Age of Industrialization https://diksha.gov.in/play/content/do_312795738244481024112091 Suggestive Activities	Monthly Test

				Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com) Quiz Prepare a short essay comparing the growth of London and Bombay as industrial cities. Role play-“Women attacked Spinning Jenny” Globalisation And The Indian Economy https://diksha.gov.in/play/content/do_312795738344726528112097 Suggestive Activities Case study on Labour (Social issue)-Type of employment, working conditions, wage, job security etc. List down the positive and negative impacts of globalisation Prepare a script of the conversation between two farmers regarding the effects of Globalisation on Agriculture Write a short note on WTO	
7	November	22	Print Culture and the Modern World Lifelines of National Economy PROJECT WORK: Consumer Awareness/Social Issues/Sustainable Development	Print Culture and the Modern World https://diksha.gov.in/play/content/do_312795738253434880112092 Suggestive Activities Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com) Quiz/Worksheet-MCQ Prepare a time line /time chart depicting the evolution and growth of printing technology Prepare a sketch of the woodblock printing	Pre-board:1

				Lifelines of National Economy CH7 Geo Lifelines of National Economy - Google Drive Suggestive Activities Class-10 – Kendriya Vidyalaya No.2 Jaipur(Online Study Material) (wordpress.com) Map Activity-Locate the Super Highways, major Air ports and Sea Ports of India Prepare a table furnishing the details of various features of the Sea ports in India. Quiz/Worksheet-MCQ	
8	December	18	➤ Revision	➤ https://diksha.gov.in/play/content/do_31257981237297152029139 ➤ Revision of important lessons and concepts ➤ Practicing Sample Question papers ➤ Practicing HOT Questions ➤ Map Reading Drills ➤ Practicing case study and Source based questions	Pre-board:2
9	January 2025	24	Revision and Pre-board		Slip tests
10	February	22	Revision		BOARD EXAM
11	March		BOARD EXAMINATION		

Class 10**Subject : Artificial Intelligence(417)**

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April and May 2024	20	Part A - Employability Skills:		https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf
			Communication Skills: Methods of communication, Verbal communication, Non-verbal communication, Communication Cycle and Importance of feedback, Barriers of effective communication, Writing Skills – Part of Speech, Writing Skills – Sentences	Employability Skills10.pdf (cbseacademic.nic.in)	
			Part B – Subject Specific Skills		
			Unit 1: Introduction to AI- Foundational Concepts of AI		
			What is intelligence?, Decision Making, What is Artificial Intelligence and what is not?	Class10 Facilitator Handbook.pdf (cbseacademic.nic.in)	

2	June	8	Basics of AI: Let's Get started	
			Introduction to AI and related terminologies, Introducing AI, ML, & DL, Introduction to AI Domains (Data, CV & NLP), Gamified tools for each domain, Applications of AI, AI ethics Class10 Facilitator Handbook.pdf (cbseacademic.nic.in)	
3	July	25	Unit 2 : AI Project Cycle	
			Introduction: Introduction to AI Project Cycle, Problem Scoping Understanding problem scoping and Sustainable Development Goal, Data Acquisition, Simplifying data acquisition, Data Exploration, Visualizing Data, Modelling, Introduction to modelling, Introduction to Rule Based & Learning Based AI Approaches, Introduction to Supervised, Unsupervised &	
			Class10 Facilitator Handbook.pdf (cbseacademic.nic.in)	Periodic Test I https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch1.pdf https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch2. https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch3.pdf

			Reinforcement Learning Models, Neural Networks,		
			Part A - Employability Skills		
			Unit 2: Self-management Skills - Stress Management, Self-awareness — Strength and Weakness Analysis, Self-motivation, Self-regulation — Goal Setting and Time Management	Employability_Skills10.pdf (cbseacademic.nic.in)	
4	August	24	Part B – Subject Specific Skills		
			Unit 3 – Advance Python (To be assessed through practicals)		
			Jupyter Notebook, Introduction to Python, Python Basics	kecs105.pdf (ncert.nic.in)	https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch1.pdf
			Unit 4 Data Sciences (Theory)- Introduction to Data Science, Applications of Data Science, Revisiting AI Project Cycle, Data Collection, Data Access		https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch3.pdf
			Python Packages(Practical) - Python data Sciences (Numpy,	kecs105.pdf (ncert.nic.in)	https://cbseacademic.nic.in/web_material/Curriculum23/SQP_MS_X/419_DataScience_SQP.pdf
					https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf

			Pandas, Matplotlib), Statistics Learning & Data Visualization (Statistics and Standard Deviation)		
			Part A : Employability Skills - ICT Skills		
			Basic Computer Operations, Performing Basic File Operations, Computer Care and Maintenance, Computer Security and Privacy	Employability_Skills10.pdf (cbseacademic.nic.in)	
5	September	22	Part B – Subject Specific Skills Unit 5 – Computer Vision (Theory) - Introduction to Computer Vision, Applications of CV, Understanding CV Concepts (Computer Vision Tasks, Basics of Images-Pixel, Resolution, Pixel value, Grayscale and RGB images) Open CV (Practical) - Introduction to Open CV, Image Processing	Class10 Facilitator Handb ook.pdf (cbseacademic.nic.in)	PT-2 AI Project Cycle, Advance Python, Data Science, Self Management Skills. (Theory), Computer Vision (Theory)
			Part A – Employability Skills : Entrepreneurial Skills		

			Entrepreneurship and Society, Qualities and Functions of an Entrepreneur	Employability_Skills10.pdf (cbseacademic.nic.in)	
			Myths about Entrepreneurship, Entrepreneurship as a Career Option	Employability_Skills10.pdf (cbseacademic.nic.in)	
6	October	16	Part B Subject Specific Skills : Unit 6 Natural Language Processing		Monthly Test Computer Vision (Theory), Part A – Employability Skills : Entrepreneurial Skills https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf
			Introduction to Natural Language Processing, NLP Applications, Revisiting AI project cycle, Introduction to Chatbots, Human Language VS Computer Language, Text Processing, Data Processing, Bag of Words	Class10_Facilitator_Handbook.pdf (cbseacademic.nic.in)	
7	November	22	Part A : Employability Skills - Unit 5 Green Skills		1 PRE BOARD Complete Syllabus
			Sustainable Development, Our Role in Sustainable Development	Employability_Skills10.pdf (cbseacademic.nic.in)	
			Part B: Subject Specific Skills		
			Unit 7 Evaluation		

			Introduction to model evaluation	Class10 Facilitator Handbook.pdf (cbseacademic.nic.in)	
			Confusion Matrix	Class10 Facilitator Handbook.pdf (cbseacademic.nic.in)	
			Understanding Accuracy, Precision, Recall & F1 Score	Class10 Facilitator Handbook.pdf (cbseacademic.nic.in)	
8	December	18	Revision & Doubt Sessions		II PRE BOARD
9	January 2025	24	Revision & Doubt Sessions		
10	FEBRUARY	22			Session Ending Exam
11	MARCH				CBSE exam