



# **EKLAVYA MODEL RESIDENTIAL SCHOOL (EMRS)**

**National Education Society for Tribal Students**

**Split - Up of Syllabus  
for Academic Session - 2025-26 (CBSE)**

# CLASS X

**CLASS X****SUBJECT- ENGLISH LANGUAGE & LITERATURE (184)**

Sl. No.	Months	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	<b>FIRST FLIGHT-</b> <b>Prose</b> -A Letter to God. <b>Poems</b> -Dust of Snow Fire & Ice  <b>FOOTPRINTS WITHOUT FEET-</b> Triumph of Surgery  <b>GRAMMAR</b> -Tenses  <b>WORDS &amp; EXPRESSIONS- UNIT -01</b>  <b>WRITING TASK</b> -Analytical Paragraph	<a href="https://www.youtube.com/watch?v=Em2kBA4U20M">https://www.youtube.com/watch?v=Em2kBA4U20M</a> <a href="https://epathshala.nic.in/watch.php?id=4055">https://epathshala.nic.in/watch.php?id=4055</a> <a href="https://epathshala.nic.in/watch.php?id=4269">https://epathshala.nic.in/watch.php?id=4269</a> <a href="https://www.youtube.com/watch?v=pyOlo053K88">https://www.youtube.com/watch?v=pyOlo053K88</a> <ul style="list-style-type: none"><li>➤ DIKSHA PORTAL</li><li>➤ NCERT Website</li><li>➤ Mind Maps</li><li>➤ PPT</li></ul>	Monthly Test-01
		<b>Poem</b> - A Tiger in the Zoo <b>Prose</b> -Nelson Mandela- Long Walk to Freedom  Reading practice for summer vacation	<a href="https://epathshala.nic.in/watch.php?id=4056">https://epathshala.nic.in/watch.php?id=4056</a> <ul style="list-style-type: none"><li>➤ Flipped Classroom</li><li>➤ DIKSHA PORTAL</li><li>➤ NCERT Website</li><li>➤ PPT</li><li>➤ Mind Maps</li></ul> <a href="https://learnenglishteens.britishcouncil.org/skills/reading">https://learnenglishteens.britishcouncil.org/skills/reading</a>	

2	June	<b>FIRST FLIGHT-</b> Prose-Two Stories About Flying Poem-How to Tell Wild Animals <b>Prose-</b> From the Diary of Anne Frank <b>FOOTPRINTS WITHOUT FEET-</b> The Thief's Story  The Midnight Visitor  <b>WORDS &amp; EXPRESSIONS- UNIT -02</b>  <b>GRAMMAR-</b> Modals  <b>WRITING TASK-</b> Letter to the Editor/ Organisation	<a href="https://epathshala.nic.in/watch.php?id=4056">https://epathshala.nic.in/watch.php?id=4056</a> <a href="https://epathshala.nic.in/watch.php?id=4057">https://epathshala.nic.in/watch.php?id=4057</a> <a href="https://epathshala.nic.in/watch.php?id=4058">https://epathshala.nic.in/watch.php?id=4058</a> <a href="https://www.youtube.com/watch?v=AUWE9qbKvrc">https://www.youtube.com/watch?v=AUWE9qbKvrc</a> <a href="https://epathshala.nic.in/watch.php?id=4270">https://epathshala.nic.in/watch.php?id=4270</a> <a href="https://epathshala.nic.in/watch.php?id=4271">https://epathshala.nic.in/watch.php?id=4271</a> <a href="https://www.youtube.com/watch?v=Va6aceRBdtY&amp;t=50s">https://www.youtube.com/watch?v=Va6aceRBdtY&amp;t=50s</a> <ul style="list-style-type: none"> <li>➤ Peer Teaching</li> <li>➤ DIKSHA PORTAL</li> <li>➤ NCERT Website</li> <li>➤ PPT</li> <li>➤ Mind Maps</li> </ul>	Monthly Test-2
3	July	<b>FIRST FLIGHT-</b> <b>Prose-</b> Glimpses of India  <b>Poem-</b> The Ball Poem  <b>FOOTPRINTS WITHOUT FEET-</b> A Question of Trust  <b>WORDS &amp; EXPRESSIONS- UNIT -03</b> <b>GRAMMAR-</b> Subject Verb Agreement <b>WRITING TASK-</b> Letter of Complaint	<a href="https://epathshala.nic.in/watch.php?id=4061">https://epathshala.nic.in/watch.php?id=4061</a> <a href="https://epathshala.nic.in/watch.php?id=4272">https://epathshala.nic.in/watch.php?id=4272</a> <a href="https://www.youtube.com/watch?v=Va6aceRBdtY">https://www.youtube.com/watch?v=Va6aceRBdtY</a> <ul style="list-style-type: none"> <li>➤ DIKSHA PORTAL</li> <li>➤ NCERT Website</li> <li>➤ PPT</li> <li>➤ Mind Maps</li> <li>➤ ASL</li> </ul>	Periodic test-01 Subject Enrichment Activity
4	August	<b>FIRST FLIGHT-</b> <b>Poem-</b> Amanda <b>Prose-</b> Mijbil the Otter  <b>FOOTPRINTS WITHOUT FEET-</b> Footprints Without Feet	<a href="https://epathshala.nic.in/watch.php?id=4062">https://epathshala.nic.in/watch.php?id=4062</a>  <a href="https://epathshala.nic.in/watch.php?id=205">https://epathshala.nic.in/watch.php?id=205</a>	Monthly Test-03

		<p>The Making of a Scientist</p> <p><b>WORDS &amp; EXPRESSIONS- UNIT -04</b> <b>GRAMMAR-Reported Speech</b></p> <p><b>WRITING TASK-Letter of Placing Order</b></p>	<p><a href="https://www.youtube.com/watch?v=PJiINDs8h5Q&amp;t=23s">https://www.youtube.com/watch?v=PJiINDs8h5Q&amp;t=23s</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=4273">https://epathshala.nic.in/watch.php?id=4273</a></p> <ul style="list-style-type: none"> <li>➤ Quiz</li> <li>➤ DIKSHA PORTAL</li> <li>➤ NCERT Website</li> <li>➤ PPT</li> <li>➤ Mind Maps</li> </ul>	Art Integrated Project
5	September	<p><b>FIRST FLIGHT-</b> <b>Prose-</b> Sermon at Benares Madam Rides the Bus</p> <p><b>Poem-</b>The Trees Fog</p> <p><b>FOOTPRINTS WITHOUT FEET-</b> The Necklace Bholi</p> <p><b>WORDS &amp; EXPRESSIONS- UNIT – 07 &amp; 08</b></p> <p><b>GRAMMAR-Reported Speech (To be Continued)</b> <b>WRITING TASK-Inquiry Letter</b></p>	<p><a href="https://epathshala.nic.in/watch.php?id=4063">https://epathshala.nic.in/watch.php?id=4063</a></p> <p><a href="https://www.youtube.com/watch?v=0hipMmVEHZA">https://www.youtube.com/watch?v=0hipMmVEHZA</a></p> <ul style="list-style-type: none"> <li>➤ Role Plays based on ‘Madam Rides a Bus’</li> <li>➤ DIKSHA PORTAL</li> <li>➤ NCERT Website</li> <li>➤ Mind Maps</li> </ul>	Periodic Test 2
6	October	<p><b>FIRST FLIGHT-</b></p> <p><b>Prose-</b>The Proposal</p> <p><b>Poem:</b> For Anne Gregory</p>	<p><a href="https://epathshala.nic.in/watch.php?id=4065">https://epathshala.nic.in/watch.php?id=4065</a></p> <p><a href="https://epathshala.nic.in/watch.php?id=4064">https://epathshala.nic.in/watch.php?id=4064</a></p>	Monthly Test 4

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

10	February	Revision & Study Leave	Discussion/working out of questions from Sample Papers and Study Material	CBSE Exams
11	March			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	<a href="https://learnenglish.britishcouncil.org/grammar">https://learnenglish.britishcouncil.org/grammar</a>
British Council link for Audios	<a href="https://learnenglish.britishcouncil.org/general-english/audio-series">https://learnenglish.britishcouncil.org/general-english/audio-series</a>
ZIET Learning English-Mumbai	<a href="https://eugeneleen.blogspot.com/p/class-10.html">https://eugeneleen.blogspot.com/p/class-10.html</a>

**CLASS X****ENGLISH COMMUNICATIVE (101)**

SL.NO.	MONTHS	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	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	Mrs. PACKETIDE'S TIGER (FICTION-2) WRITING SKILLS: FORMAL LETTER WRITING GRAMMAR: DETERMINERS	1. Debate: On the morality of Mrs. Packetide's actions in the story. 2. Interview: Conduct an interview with Mrs. Packetide/ Mrs. Loona Bimberton	
3	JULY	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 <a href="https://cbseacademic.nic.in/aslcorner.html">https://cbseacademic.nic.in/aslcorner.html</a>	PERIODIC TEST 1 (JULY) PORTION COVERED IN THE MONTH OF APRIL, MAY & JUNE
4	AUGUST	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	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	SNAKE (POEM-5) NATIONAL INTEGRATION(MCB-6) GRAMMAR: REPORTED SPEECH	1. Group Activity: Dramatic reading of each stanza or section of poem 2. ASL <a href="https://cbseacademic.nic.in/aslcorner.html">https://cbseacademic.nic.in/aslcorner.html</a>	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	1st PRE-BOARD/ 1st BOARD EXAM	REVISION	1st Pre-Board/1st Board - Multiple Board format
8	DECEMBER	REVISION	REVISION	2 <sup>nd</sup> Pre-Board/1st Board - Multiple Board format
9	JANUARY		REVISION	
10	FEBRUARY			CBSE BOARD EXAM
11	MARCH			CBSE BOARD EXAM

**CLASS X**

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

क्र. स.	महीना	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 2025	1. सूरदास के पद 2. नेताजी का चश्मा 3. बालगोबिन भगत 4. रचना के आधार पर वाक्य भेद 5. अनुच्छेद लेखन	<a href="https://diksha.gov.in/play/collection/do_31310347521994752011426">https://diksha.gov.in/play/collection/do_31310347521994752011426</a> भक्तिकाल एवं संत कवियों का परिचय NCERT द्वारा प्रस्तुत <a href="https://youtu.be/MfPXEBQKC9s">https://youtu.be/MfPXEBQKC9s</a>	मासिक परीक्षा बहुविकल्पीय प्रश्न परीक्षण
		1. राम-लक्ष्मण-परशुराम संवाद	<a href="https://diksha.gov.in/play/collection/do_31310347521994752011426">https://diksha.gov.in/play/collection/do_31310347521994752011426</a>	पर्वी परीक्षण
2.	जून	1. राम-लक्ष्मण-परशुराम संवाद 2. अपठित गद्यांश	NCERT द्वारा प्रस्तुत - <a href="https://www.youtube.com/live/VOKwsyKj1lo?feature=share">https://www.youtube.com/live/VOKwsyKj1lo?feature=share</a>	पर्वी परीक्षण
3.	जुलाई	1.. आत्मकथ्य 2. लखनवी अंदाज़ 3. माता का अंचल	<a href="https://diksha.gov.in/play/collection/do_31310347521994752011426">https://diksha.gov.in/play/collection/do_31310347521994752011426</a> NCERT द्वारा प्रस्तुत -- <a href="https://www.youtube.com/live/zxvL9iXJt5o?feature=share">https://www.youtube.com/live/zxvL9iXJt5o?feature=share</a> <a href="https://youtu.be/_GcCLHMzud8">https://youtu.be/_GcCLHMzud8</a> <a href="https://youtu.be/y1oy3DV7VYs">https://youtu.be/y1oy3DV7VYs</a> <a href="https://diksha.gov.in/play/collection/do_3131034752220119041928">https://diksha.gov.in/play/collection/do_3131034752220119041928</a> वाच्य पहचानने एवं वाच्य परिवर्तन करने का अभ्यास	प्रथम आवधिक परीक्षा /
		4. वाच्य		

		5. अपठितपद्यांश		

					बहुविकल्पीय प्रश्न परीक्षण
4.	अगस्त	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	<a href="https://diksha.gov.in/play/collection/do_31310347521994752011426">https://diksha.gov.in/play/collection/do_31310347521994752011426</a> NCERT द्वारा प्रस्तुत - <a href="https://youtu.be/BwA05AtwDFo">https://youtu.be/BwA05AtwDFo</a> के. वि संगठन द्वारा प्रेषित गत वर्षों की अध्ययन सामग्रियों के आधार पर अपठित पद्यांश एवं पत्र लेखन और स्ववृत्त लेखन का अभ्यास <a href="https://youtu.be/EPKHntA_Nuk">https://youtu.be/EPKHntA_Nuk</a> <a href="https://diksha.gov.in/play/collection/do_3131034752220119041928">https://diksha.gov.in/play/collection/do_3131034752220119041928</a>	मासिक परीक्षा  पर्ची परीक्षण  बहुविकल्पीय प्रश्न परीक्षण	
5.	सितंबर	1. यह दंतुरित मुस्कान 2. फसल 3. नौबतखाने में इबादत 4. पद परिचय 5. स्ववृत्त लेखन	<a href="https://diksha.gov.in/play/collection/do_31310347521994752011426">https://diksha.gov.in/play/collection/do_31310347521994752011426</a> NCERT द्वारा प्रस्तुत- <a href="https://youtu.be/rAY-h3FWtoE">https://youtu.be/rAY-h3FWtoE</a> <a href="https://youtu.be/Z-SzLKz5ov4">https://youtu.be/Z-SzLKz5ov4</a>	द्वितीय आवधिक परीक्षा  पर्ची परीक्षण  बहुविकल्पीय प्रश्न परीक्षण	

6.	अक्टूबर	16	1. मैं क्यों लिखता हूँ 2. संगतकार	<a href="https://diksha.gov.in/play/collection/do_31310347521994752011426">https://diksha.gov.in/play/collection/do_31310347521994752011426</a> NCERT द्वारा प्रस्तुत- <a href="https://youtu.be/vcLf7J4Rz-g">https://youtu.be/vcLf7J4Rz-g</a>	मासिक परीक्षा
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		3. ई मेल लेखन 4. संदेश लेखन	<a href="https://youtu.be/WHUmDXywD9g">https://youtu.be/WHUmDXywD9g</a> <a href="https://diksha.gov.in/play/collection/do_3131034752220119041928">https://diksha.gov.in/play/collection/do_3131034752220119041928</a> ई मेल लेखन का अभ्यास	पर्ची परीक्षण बहुविकल्पीय प्रश्न परीक्षण
7.	नवम्बर	संस्कृति विज्ञापन लेखन	<a href="https://diksha.gov.in/play/collection/do_31310347521994752011426">https://diksha.gov.in/play/collection/do_31310347521994752011426</a> NCERT द्वारा प्रस्तुत - <a href="https://youtu.be/FAV0_efGTKE">https://youtu.be/FAV0_efGTKE</a> <a href="https://youtu.be/Mey0U0EDhfc">https://youtu.be/Mey0U0EDhfc</a> 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	पुनरावृत्ति कार्य	सैम्पल पेपर अभ्यास <a href="https://cbseacademic.nic.in/web_material/doc/sqp/Sample%20Questions%20Class-X.rar">https://cbseacademic.nic.in/web_material/doc/sqp/Sample%20Questions%20Class-X.rar</a>	द्वितीय बोर्ड पूर्व परीक्षा
9.	जनवरी	पुनरावृत्ति कार्य	सैम्पल पेपर अभ्यास <a href="https://cbseacademic.nic.in/qbclass10.html">https://cbseacademic.nic.in/qbclass10.html</a>	कक्षा परीक्षण, पर्ची परीक्षण बहुविकल्पीय प्रश्न परीक्षण
10.	फरवरी	पुनरावृत्ति कार्य	सैम्पल पेपर अभ्यास <a href="https://cbseacademic.nic.in/web_material/doc/sqp/Sample%20Questions%20Class-X.rar">https://cbseacademic.nic.in/web_material/doc/sqp/Sample%20Questions%20Class-X.rar</a>	आंतरिक मूल्यांकन पर्ची परीक्षण बहुविकल्पीय प्रश्न परीक्षण

**CLASS X****SUBJECT- SANSKRIT**

SL.N O	Month	Name of the Chapter/Topic to be Covered	Teaching Aids/ E Content / innovative practices to be adopted	Proposed Activities	Tests & Assessment
1	April & May 2025	प्रथमः पाठः वाङ्मयं तपः व्यञ्जनसंधिः- वर्गीयप्रथमवर्णस्यतृतीयवर्णपरिवर्तनं , प्रथमवर्णस्यपञ्चमवर्णपरिवर्तनम् पत्रले खनम्	सहायकपुस्तकानियथा-लघुसिद्धान्तकौमुदी, अभ्यासपुस्तिका	प्रश्ननिर्माणम्	लघुपरीक्षा Monthly Test
		चित्राधारितवर्णनम्।	सहायकपुस्तकानियथा - अभ्यासपुस्तकानि	समुचितचित्राणां स डङ्कलनम्एवं तेषांचित्राणां भाषायांवर्णनम्	
2	June	द्वितीयः पाठः - नास्तित्यागसमं सुखम् समयः- अङ्कानांस्थाने शब्देषुसमयलेखनम् सामान्य सपाद सार्ध-पादोनादि	मणिका द्वितीयो भागः मणिका द्वितीयः भागः - अभ्यासपुस्तिका	प्रश्नोत्तरी	लिखितपरीक्षा आशुभाषणम्

3	July	<p>तृतीयः पाठः रमणीया हि</p> <p>सृष्टिरेषा तद्धितप्रत्ययः- मतुप् ठक्</p> <p>विसर्गसंधिः विसर्गस्यउत्त्वम्, रत्यम्,</p> <p>विसर्गलोपः, विसर्गस्यस्थानेस्, श्, ष्</p> <p>स्त्रीप्रत्ययः-टाप्, डीप्</p>	<p>सहायकपुस्तकानि</p> <p>यथा-लघुसिद्धान्त - कौमुदी,</p> <p>मणिका अभ्यासपुस्तिका द्वितीयः भागः</p>		<p>Periodic</p> <p>Test 1</p>
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4	August	<p><b>चतुर्थः पाठः-आज्ञागुरूणां ह्यविचारणीया</b>  <b>पञ्चमः पाठः अभ्यासवशगं मनः</b>  अव्ययीभावसमासः-  (अनु, उप, सह, निर्, प्रति, यथा)  द्वन्द्वसमासः (केवलमइतरेतर)  तद्धितप्रत्ययःत्व, तल्  वाच्यपरिवर्तनम् केवलंलट्लकारे  (कर्तृ- कर्म, क्रिया)</p>	<p>सहायकपुस्तकानि  यथा-लघुसिद्धान्त- कौमुदी.  मणिका अभ्यासपुस्तिका द्वितीयः भागः</p>	<p>वाच्यपरिवर्तनेभि  तिपत्रिकानि-  मार्णम्</p>	<p>वाचिकपरीक्षा</p>
5	September	<p><b>षष्ठः पाठः- राष्ट्र संरक्ष्यमेव हि सप्तमः पाठः साधुवृत्तिं समाचरेत्</b>  तत्पुरुषः समासः &amp;  अव्ययपदानि ( उच्चैः, च, श्वः,  ह्यः, अय, अत्र- तत्र, यत्र-कुत्र )</p>	<p>सहायकपुस्तकानि  यथा-लघुसिद्धान्त- कौमुदी,  मणिका अभ्यासपुस्तिका द्वितीयः भागः</p>	<p>समासेभित्तिपत्रि  का निर्माणम्</p>	<p>Periodic Test 2</p>
6	October	<p><b>अष्टमः पाठः- तिरुक्कुरल्- सूक्तिसौरभम्</b>  <b>नवमः पाठः सुस्वागतं भो!</b>  <b>अरुणाचलेऽस्मिन्</b>  तत्पुरुषसमासः । नञ् । उपपद ।  अशुद्धिसंशोधनम् (वचन-लिङ्ग-  पुरुष-  लकारविभक्तिदृष्ट्यासंशोधनम् )</p>	<p>सहायकपुस्तकानि  यथा-लघुसिद्धान्त- कौमुदी,  मणिका अभ्यासपुस्तिका द्वितीयः भागः</p>	<p>सूक्तिलेखनम्</p>	<p>मौखिकपरीक्षा</p>

7	November	दशमः पाठः कालो ऽहम्, एकादशः पाठः किं किमुपादेयम् अव्ययपदानि- (इदानीम्, अधुना, संप्रति. साम्प्रतम्वृथा.श नैः, यदा, तदा, कदा, सहसा, अपि, कुतः इतस्ततः. यदि-तहि. यावत्-	सहायकपुस्तकानि यथा-लघुसिद्धान्त- कौमुदी, मणिका अभ्यासपुस्तिका द्वितीयः भागः	पाठपुस्तकात् अ व्य यानांचयन	Preboard 1
8	December	पुनरावृत्तिः प्रश्नपत्रस्य अभ्यासकार्यम्		निवेशसूचि- कायाः सम्पूर्णं	Pre board 2
9	January 2025	पुनरावृत्तिः प्रश्नपत्रस्य अभ्यासकार्यम्			PT 3
10	February	पुनरावृत्तिः प्रश्नपत्रस्य अभ्यासकार्यम्			CBSE exam
11	March	सत्रान्तपरीक्षा			CBSE exam

### Useful Links

SANSKRIT SAVARDHANA PRATHISHSTHAAN	<a href="https://www.sanskritpromotion.in">https://www.sanskritpromotion.in</a>
SANSKRIT PROMOTION FOUNDATION	<a href="https://www.sanskritpromotion.in/">https://www.sanskritpromotion.in/</a>
SANSKRIT BHARATHI	<a href="https://kerala.sanskritabharati.in/">https://kerala.sanskritabharati.in/</a>
CENTRAL SANSKRIT UNIVERSITY	<a href="https://www.sanskrit.nic.in/econtent.php">https://www.sanskrit.nic.in/econtent.php</a>
LEARN SANSKRIT	<a href="https://www.learnsanskrit.org/">https://www.learnsanskrit.org/</a>
ANDHRA GOVT	<a href="https://ndl.iitkgp.ac.in/homestudy/cbse_exam/x_subject/sanskrit">https://ndl.iitkgp.ac.in/homestudy/cbse_exam/x_subject/sanskrit</a>

RASHTRIYA SANSKRIT SNASTHAN	<a href="https://www.india.gov.in/official-website-rashtriya-sanskrit">https://www.india.gov.in/official-website-rashtriya-sanskrit</a>
RAMAKRISHNA MISSION	<a href="https://sanskrit.rkmvu.ac.in/adm-communicative-sans/">https://sanskrit.rkmvu.ac.in/adm-communicative-sans/</a>

**CLASS X**
**SUBJECT- SCIENCE (086)**

Sl No.	Month	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 2025	Chemical Reactions and equations,  Life processes	<p><b><u>PRACTICAL EXPERIMENTS</u></b></p> <ul style="list-style-type: none"> <li>Performing and observing the following reactions and classifying them into A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction</li> <li>(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</li> </ul> <p><b>Suggestive activities</b></p> <p>*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)</p> <p><b>*Experiential Learning through simulation-Types of chemical Reactions</b></p> <p><a href="http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=81&amp;cnt=1">http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=81&amp;cnt=1</a></p> <p><a href="http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=80&amp;cnt=1">http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=80&amp;cnt=1</a></p> <p><a href="http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=82&amp;cnt=1">http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=82&amp;cnt=1</a></p> <p><b>*Extended Learning</b></p> <p><a href="https://youtu.be/pYqL0ngWUiY">https://youtu.be/pYqL0ngWUiY</a></p> <p>(Chemical reactions part 1-NCERT OFFICIAL)</p> <p><a href="https://youtu.be/_AiYmM1OTJI">https://youtu.be/_AiYmM1OTJI</a></p> <p>(Chemical reactions part 2-NCERT OFFICIAL)</p>	<p>*Monthly Test 1</p> <p>*Slip Tests-Balancing reactions, Identifying the type of reactions, Classification of reactions, Identifying the substance oxidized and reduced</p> <p><b>*Exemplar Problems</b></p> <p><a href="https://ncert.nic.in/ncerts/l/je_ep101.pdf">https://ncert.nic.in/ncerts/l/je_ep101.pdf</a></p> <p><b>*CBSE Question Bank- Sample Case Studies</b></p> <p><a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassX/ScienceX.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassX/ScienceX.pdf</a></p> <p>(page1-6)</p>

		Life processes	<p><b><u>PRACTICAL EXPERIMENTS</u></b></p> <ul style="list-style-type: none"> <li>Preparing a temporary mount of a leaf peel to show stomata.</li> <li>Experimentally show that carbon dioxide is given out during respiration.</li> </ul> <p><b>*Suggestive activities</b></p> <p>Toys from trash (toy pedagogy)</p> <p><a href="https://www.arvindguptatoys.com/beginner-biology.php">https://www.arvindguptatoys.com/beginner-biology.php</a></p> <p>*Develop models of different Human Body Systems using indigenously available materials from your surroundings(Toy pedagogy)</p> <p><b>*(Experiential Learning through simulation)</b></p> <p><a href="https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=390&amp;cnt=1">https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=390&amp;cnt=1</a></p> <p>(liberation of carbon dioxide during fermentation)</p> <p><a href="https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=126&amp;cnt=1">https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=126&amp;cnt=1</a></p> <p>(Importance of light in photosynthesis)</p>	<p>*Monthly Test 2</p> <p>Slip tests on Basic concept of nutrition, respiration, transport and excretion in plants and animals.</p> <p>*Making of flowcharts and concept maps on Basic concept of nutrition, respiration, transport and excretion in plants and animals.</p> <p><b>*NCERT Exemplar problems</b></p> <p><a href="https://ncert.nic.in/ncerts/l/je_ep106.pdf">https://ncert.nic.in/ncerts/l/je_ep106.pdf</a></p>
02	June	Light – reflection and refraction	<p><b>*Suggestive activities</b></p> <p><a href="https://sites.google.com/acads.iiserpune.ac.in/iiserp-scienceactivitycentre/home/hidden-beaker?authuser=0">https://sites.google.com/acads.iiserpune.ac.in/iiserp-scienceactivitycentre/home/hidden-beaker?authuser=0</a></p> <p>(Refractive Index-IISER Pune)</p> <p><a href="https://www.arvindguptatoys.com/fun-with-light.php">https://www.arvindguptatoys.com/fun-with-light.php</a></p> <p>(Toys based on concepts related to light -Toy pedagogy)</p> <p><b>*Experiential Learning through simulation)</b></p> <p><a href="https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=67&amp;cnt=1">https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=67&amp;cnt=1</a></p> <p>(To find focal length of a concave mirror) <math>\frac{1}{u} + \frac{1}{v} = \frac{1}{f}</math></p> <p>(To study reflection in a concave mirror)</p>	<p>*Slip tests on Reflection of light by curved surfaces, Images formed by spherical mirrors, Refraction; Laws of refraction, refractive index.</p> <p>Refraction of light by spherical lens; Image formed by spherical lenses.</p> <p>*Numerical based on mirror formula, lens formula, magnification and power of a lens</p> <p><b>*NCERT Exemplar problems</b></p>

			<a href="https://amrita.olabs.edu.in/?sub=1&amp;brch=4&amp;sim=277&amp;cnt=2">https://amrita.olabs.edu.in/?sub=1&amp;brch=4&amp;sim=277&amp;cnt=2</a> (Focal length of a convex lens) <a href="https://amrita.olabs.edu.in/?sub=1&amp;brch=4&amp;sim=278&amp;cnt=1">https://amrita.olabs.edu.in/?sub=1&amp;brch=4&amp;sim=278&amp;cnt=1</a> (Convex lens image formation and magnification) <a href="https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=37&amp;cnt=1">https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=37&amp;cnt=1</a> (Refraction of light in a rectangular glass slab)	<a href="https://ncert.nic.in/ncerts/l/je_ep1110.pdf">https://ncert.nic.in/ncerts/l/je_ep1110.pdf</a>
03	July	Light – Reflection and Refraction(contd)  Human Eye and colorful world,  Acid, Bases and Salts,  Control and coordination,	<p><b><u>PRACTICAL EXPERIMENTS</u></b></p> <ul style="list-style-type: none"> <li>Determination of the focal length of: i) Concave mirror ii) Convex lens by obtaining the image of a distant object.</li> <li>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</li> <li>Tracing the path of the rays of light through a glass prism.</li> <li>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 &amp; NaOH) on the basis of their reaction with: a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate</li> </ul> <p><b>*Suggestive activities-Human Eye (Experiential Learning through simulation)</b>  <a href="https://amrita.olabs.edu.in/?sub=1&amp;brch=6&amp;sim=246&amp;cnt=1">https://amrita.olabs.edu.in/?sub=1&amp;brch=6&amp;sim=246&amp;cnt=1</a>            (Refraction through a prism)</p> <p><b>*Suggestive activities-Acids ,Bases</b>            *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.</p> <p><b>*Extended Learning</b>  <a href="https://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=270&amp;cnt=1">https://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=270&amp;cnt=1</a>            (To identify Bleaching powder-Experiential Learning through simulation)  <a href="https://youtu.be/M2C0OaHAPb4">https://youtu.be/M2C0OaHAPb4</a></p>	<p>*Periodic test 1</p> <p>*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</p> <p>*Curriculum aligned competency-based test items</p> <p><a href="https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf</a> (page 39-41)</p> <p>*Slip tests on pH, salts their preparation and properties</p> <p>*MCQs based on properties of acids, bases and salts.</p> <p>*Curriculum aligned competency-based test items</p> <p><a href="https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-10.pdf</a></p>

			(Interactive Session PMeVidya)	(page 6-10)
04	August	Control and coordination (Contd)  Electricity,  Metals and non-metals,	<p><b>*PRACTICAL EXPERIMENTS</b></p> <ul style="list-style-type: none"> <li>Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: i) <math>\text{ZnSO}_4(\text{aq})</math> ii) <math>\text{FeSO}_4(\text{aq})</math> iii) <math>\text{CuSO}_4(\text{aq})</math> iv) <math>\text{Al}_2(\text{SO}_4)_3(\text{aq})</math> Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.</li> <li>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.</li> <li>Determination of the equivalent resistance of two resistors when connected in series and parallel.</li> </ul> <p><b>*Suggestive activities-Control and Coordination</b> (Experiential Learning through simulation) <a href="https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=315&amp;cnt=1">https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=315&amp;cnt=1</a> (photo and geotropism)</p> <p><b>*Suggestive activities-Electricity</b> (Temperature and resistance -IISER Pune) <a href="https://sites.google.com/acads.iiserpune.ac.in/iiserp-scienceactivitycentre/home/open-bulb-experiment-temperature-and-resistance?authuser=0">https://sites.google.com/acads.iiserpune.ac.in/iiserp-scienceactivitycentre/home/open-bulb-experiment-temperature-and-resistance?authuser=0</a> (Resistant pencil-toy Pedagogy) <a href="https://www.arvindguptatoys.com/toys/resister.html">https://www.arvindguptatoys.com/toys/resister.html</a></p> <p><b>*Experiential Learning through simulation</b> <a href="https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=75&amp;cnt=1">https://cdac.olabs.edu.in/?sub=74&amp;brch=9&amp;sim=75&amp;cnt=1</a> (Verification of Ohms Law) <a href="https://amrita.olabs.edu.in/?sub=1&amp;brch=4&amp;sim=40&amp;cnt=1">https://amrita.olabs.edu.in/?sub=1&amp;brch=4&amp;sim=40&amp;cnt=1</a> <a href="https://amrita.olabs.edu.in/?sub=1&amp;brch=4&amp;sim=41&amp;cnt=1">https://amrita.olabs.edu.in/?sub=1&amp;brch=4&amp;sim=41&amp;cnt=1</a> (Equivalent resistance of resistors in series and parallel)</p> <p><b>*Suggestive activities-Metals and Non metals</b> *Collect pictures and information related to the historical</p>	<p>*Monthly test 3</p> <p>Slip tests on Nervous system, reflex action, tropism, plant and animal hormones.</p> <p>*NCERT Exemplar problems <a href="https://ncert.nic.in/ncerts/l/je_ep107.pdf">https://ncert.nic.in/ncerts/l/je_ep107.pdf</a></p> <p>*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.</p> <p>*Tests on numerical based on Ohms law, series and parallel combinations, resistance, Joules law and power.</p> <p>NCERT Exemplar problems <a href="https://ncert.nic.in/ncerts/l/je_ep112.pdf">https://ncert.nic.in/ncerts/l/je_ep112.pdf</a></p> <p>Slip tests on Properties of metals and non-metals; Formation and properties of ionic compounds; Basic metallurgical processes; Corrosion and its prevention</p> <p>*Exemplar Problems</p>

			background of two rust resistant monuments built in India OR Collect information and pictures about the field of metallurgy in ancient India.(Integrated Learning))	<a href="https://ncert.nic.in/ncerts/l/je_ep103.pdf">https://ncert.nic.in/ncerts/l/je_ep103.pdf</a>
05	September	How do organisms reproduce ?  Carbon and its compounds,  Heredity;	<p><b><u>PRACTICAL EXPERIMENTS</u></b></p> <ul style="list-style-type: none"> <li>Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides.</li> <li>Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).</li> <li>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</li> <li>Study of the comparative cleaning capacity of a sample of soap in soft and hard water.</li> </ul> <p><b>*Suggestive activities-How do Organisms Reproduce</b> (Experiential Learning through simulation) <a href="https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=135&amp;cnt=1">https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=135&amp;cnt=1</a> (Embryo of dicot seed) <a href="https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=134&amp;cnt=1">https://amrita.olabs.edu.in/?sub=79&amp;brch=16&amp;sim=134&amp;cnt=1</a> (Asexual reproduction) <b>*Suggestive activities-Carbon Compounds</b> Make ball and stick models of different covalent compounds using clay balls and tooth pick(Toy Pedagogy) <b>*(Experiential Learning through simulation)</b> <a href="https://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=280&amp;cnt=1">https://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=280&amp;cnt=1</a> (Esterification reaction) <a href="http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=119&amp;cnt=1">http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=119&amp;cnt=1</a> (Saponification reaction) <a href="https://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=283&amp;cnt=1">https://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=283&amp;cnt=1</a></p>	<p>Slip tests on asexual, sexual reproduction in plants, sexual reproduction in animals, contraception *NCERT Exemplar problems <a href="https://ncert.nic.in/ncerts/l/je_ep108.pdf">https://ncert.nic.in/ncerts/l/je_ep108.pdf</a> *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 <a href="https://ncert.nic.in/ncerts/l/je_ep104.pdf">https://ncert.nic.in/ncerts/l/je_ep104.pdf</a> Slip test on Heredity; Mendel's contribution- Laws for inheritance of traits Monohybrid, Dihybrid cross, Sex determine action  Curriculum aligned competency-based test items</p>



			<p>(To compare the foaming capacity)</p> <p><a href="http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=120&amp;cnt=1">http://amrita.olabs.edu.in/?sub=73&amp;brch=3&amp;sim=120&amp;cnt=1</a></p> <p>(Cleansing capacity of soap)</p> <p><b>*Suggestive activities -Heredity</b></p> <p><b>*Make a write up about Life and Work of Gregor Johan Mendel (Integrated Learning)</b></p>	<p><a href="https://cbseacademic.nic.in/cbe/documents/SAS Science-Class-10.pdf">https://cbseacademic.nic.in/cbe/documents/SAS Science-Class-10.pdf</a> (page 31-33)</p> <p>*Periodic test 2</p>
06	October	Our environment	<p><b>*Suggestive activities</b></p> <p>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. <b>(Integrated Learning)</b></p>	<p>Slip tests on Eco-system, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substance.</p> <p>*NCERT Exemplar problems</p> <p><a href="https://ncert.nic.in/ncerts/l/je ep115.pdf">https://ncert.nic.in/ncerts/l/je ep115.pdf</a></p> <p>*CBSE Question Bank- Sample Case Studies</p> <p><a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassX/ScienceX.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassX/ScienceX.pdf</a></p> <p>(page 7-14)</p>
07	November	Magnetic effects of electric current	<p><b>*Suggestive activities</b></p> <p>Toys from trash based on electricity and magnetism-(Toy pedagogy)</p> <p><a href="http://www.arvindguptatoys.com/electricity-magnetism.php/electricity-magnetism.php">http://www.arvindguptatoys.com/electricity-magnetism.php/electricity-magnetism.php</a></p> <p><b>*Experiential Learning through simulation</b></p>	<p>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</p>

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

## CLASS X

**SUBJECT- MATHEMATICS (041)**

Sl. No.	Month	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 2025	Real Numbers	<p><a href="#">Fundamental theorem of arithmetic and proof of irrationality</a></p> <p><a href="https://diksha.gov.in/play/content/do_3131105874952028161159">https://diksha.gov.in/play/content/do_3131105874952028161159</a></p> <p>Prime factorization practice question</p> <p><a href="https://docs.google.com/document/d/1PVX1kQ_RKN1vr7NJ_xBRxFHMFf0rQ480zaYtPJhM24/edit?usp=sharing">https://docs.google.com/document/d/1PVX1kQ_RKN1vr7NJ_xBRxFHMFf0rQ480zaYtPJhM24/edit?usp=sharing</a></p>	<p>class test</p> <p><a href="https://docs.google.com/document/d/17pdt99in9hneepSFGwLEZlyBZ6hhlonp-5_VFy9ElkY/edit?usp=sharing">https://docs.google.com/document/d/17pdt99in9hneepSFGwLEZlyBZ6hhlonp-5_VFy9ElkY/edit?usp=sharing</a></p>
		Polynomials	<p>Relation between zeroes and coefficients</p> <p><a href="https://diksha.gov.in/play/content/do_31308591688158412812925">https://diksha.gov.in/play/content/do_31308591688158412812925</a></p> <p><a href="https://docs.google.com/document/d/14ePs63WJ4HXyp24kr5_CAhT4rojAEARQayv-iyY/edit?usp=sharing">https://docs.google.com/document/d/14ePs63WJ4HXyp24kr5_CAhT4rojAEARQayv-iyY/edit?usp=sharing</a></p> <p>ACTIVITY: To draw the graph of a quadratic polynomial</p>	<p>Exemplar Problems</p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_201.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_201.pdf</a></p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_202.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_202.pdf</a></p>
		Pair of Linear Equations in two variables	<p>Graphical method</p> <p><a href="https://diksha.gov.in/play/content/do_31308591720098201612117">https://diksha.gov.in/play/content/do_31308591720098201612117</a></p> <p>ACTIVITY.</p> <p>To verify the conditions of consistency/ inconsistency for a pair of linear equations in two variables by graphical method</p>	<p><a href="https://docs.google.com/document/d/1VsZm0LAB3jAeH5bo9kXK6uwWzgV_HZtt--Db2bAav3jw/edit?usp=sharing">https://docs.google.com/document/d/1VsZm0LAB3jAeH5bo9kXK6uwWzgV_HZtt--Db2bAav3jw/edit?usp=sharing</a></p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_203.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_203.pdf</a></p>

		Pair of Linear Equations in two variables(contd.)	Substitution method <a href="https://diksha.gov.in/play/content/do_3130591040582942721683">https://diksha.gov.in/play/content/do_3130591040582942721683</a>	<a href="https://docs.google.com/document/d/1wfEtCzdN9NUcVjAAmVN1LIUrbxtOxPeXqfWTNZZb8co/edit?usp=sharing">https://docs.google.com/document/d/1wfEtCzdN9NUcVjAAmVN1LIUrbxtOxPeXqfWTNZZb8co/edit?usp=sharing</a>
2	June	Quadratic Equations	Solution of quadratic equation by factorization <a href="https://diksha.gov.in/play/content/do_31307451614501273619694">https://diksha.gov.in/play/content/do_31307451614501273619694</a> Nature of roots <a href="https://diksha.gov.in/play/content/do_3130191964533555201883">https://diksha.gov.in/play/content/do_3130191964533555201883</a> Quadratic formula <a href="https://diksha.gov.in/play/content/do_31308591730928844814098">https://diksha.gov.in/play/content/do_31308591730928844814098</a>	<a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_204.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_204.pdf</a>  Monthly Test
3	July	Arithmetic Progressions          Coordinate Geometry	Introduction to AP <a href="https://diksha.gov.in/play/content/do_31308591745078886414099">https://diksha.gov.in/play/content/do_31308591745078886414099</a> sum of n terms <a href="https://diksha.gov.in/play/content/do_3130191966102814721894">https://diksha.gov.in/play/content/do_3130191966102814721894</a> 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 <a href="https://diksha.gov.in/play/content/do_31308591765972582412770">https://diksha.gov.in/play/content/do_31308591765972582412770</a> Section formula <a href="https://diksha.gov.in/play/content/do_3130580952582963201340">https://diksha.gov.in/play/content/do_3130580952582963201340</a>	<a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_205.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_205.pdf</a>  Periodic Test 1  Practice Test Link <a href="https://docs.google.com/document/d/1SgSpQmHtl7Y4Qq_cj9rBVgUJvHeQx62uTQEv4p761XM/edit?usp=sharing">https://docs.google.com/document/d/1SgSpQmHtl7Y4Qq_cj9rBVgUJvHeQx62uTQEv4p761XM/edit?usp=sharing</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_207.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_207.pdf</a>  Practise questions <a href="https://docs.google.com/document/d/1BinH-4y9Y2a1qQ9EICsNvYy4_3cvLtF4Yge0qiA2b6g/edit?usp=sharing">https://docs.google.com/document/d/1BinH-4y9Y2a1qQ9EICsNvYy4_3cvLtF4Yge0qiA2b6g/edit?usp=sharing</a>  Practice questions

		Triangles	<p>ACTIVITY: To verify the distance formula by graphical method.</p> <p>Similar figures</p> <p><a href="https://diksha.gov.in/play/content/do_31308591754647961612769">https://diksha.gov.in/play/content/do_31308591754647961612769</a></p> <p>Activity 6: Basic Proportionality Theorem</p> <p><a href="https://ncert.nic.in/pdf/school-kit/SecondaryMathematicsKit.pdf">https://ncert.nic.in/pdf/school-kit/SecondaryMathematicsKit.pdf</a></p> <p>Application of similar triangles</p> <p><a href="https://diksha.gov.in/play/content/do_31307451625548185615987">https://diksha.gov.in/play/content/do_31307451625548185615987</a></p>	<p><a href="https://docs.google.com/document/d/1ONBvwvsizOGVotSOsMrLCc48c9IJRDT-ObFAN80r_wA/edit?usp=sharing">https://docs.google.com/document/d/1ONBvwvsizOGVotSOsMrLCc48c9IJRDT-ObFAN80r_wA/edit?usp=sharing</a></p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_206.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_206.pdf</a></p> <p>Slip Tests</p>
4	August	<p>Circles</p> <p>Tangent to a circle</p> <p>1. <a href="https://diksha.gov.in/play/content/do_31307451633015193619404">https://diksha.gov.in/play/content/do_31307451633015193619404</a></p> <p>2. <a href="https://diksha.gov.in/play/content/do_31307451640422400015746">https://diksha.gov.in/play/content/do_31307451640422400015746</a></p> <p>3. <a href="https://diksha.gov.in/play/content/do_31307451644502835217027">https://diksha.gov.in/play/content/do_31307451644502835217027</a></p> <p>Number of tangents from a point on a circle</p> <p><a href="https://diksha.gov.in/play/content/do_3130191970827304961818">https://diksha.gov.in/play/content/do_3130191970827304961818</a></p> <p>Activity:</p> <p>To verify experimentally that the tangent at any point to a circle is perpendicular to the radius through that point.(406)</p> <p>Trigonometric ratios</p> <p><a href="https://diksha.gov.in/play/content/do_31307886010605568018054">https://diksha.gov.in/play/content/do_31307886010605568018054</a></p> <p><a href="https://diksha.gov.in/play/content/do_31307886016660275217879">https://diksha.gov.in/play/content/do_31307886016660275217879</a></p> <p>Introduction to Trigonometry</p> <p>Trigonometric Identities</p> <p>Applications of Trigonometry</p>	<p>Monthly Test</p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_209.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_209.pdf</a></p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_208.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_208.pdf</a></p> <p>Practise questions</p>	

			<p>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.</p> <p>Activity 41: Trigonometric identities</p>	<p><a href="https://docs.google.com/document/d/1gatrqMudpp8WDr3oNgaDjl55kHS0y6cxpCcPdno6l0k/edit?usp=sharing">https://docs.google.com/document/d/1gatrqMudpp8WDr3oNgaDjl55kHS0y6cxpCcPdno6l0k/edit?usp=sharing</a></p>
5	September	<p>Areas related to Circles</p> <p>Surface Area and volume.</p>	<p>Area of sector of a circle</p> <p><a href="https://diksha.gov.in/play/content/do_31307967529566208018343">https://diksha.gov.in/play/content/do_31307967529566208018343</a></p> <p><a href="https://diksha.gov.in/play/content/do_313079675405795328110069">https://diksha.gov.in/play/content/do_313079675405795328110069</a></p> <p><a href="https://diksha.gov.in/play/content/do_313079675589124096110070">https://diksha.gov.in/play/content/do_313079675589124096110070</a></p> <p><a href="https://diksha.gov.in/play/content/do_31310506966559948813238">https://diksha.gov.in/play/content/do_31310506966559948813238</a></p> <p><a href="https://diksha.gov.in/play/content/do_31310506990987673612112">https://diksha.gov.in/play/content/do_31310506990987673612112</a></p> <p>Surface area of combination of solids</p> <p><a href="https://diksha.gov.in/play/content/do_3130191976380170241408">https://diksha.gov.in/play/content/do_3130191976380170241408</a></p> <p>Activity 42: Surface areas and volumes of solids mean -direct method</p> <p><a href="https://diksha.gov.in/play/content/do_313078860554584064111729">https://diksha.gov.in/play/content/do_313078860554584064111729</a></p>	<p>Periodic Test 2 (Cumulative)</p> <p><a href="https://docs.google.com/document/d/1ItWOapiLZQyrgtMPICcLOt4SMP3nbYqGRwmt5apbwpk/edit?usp=sharing">https://docs.google.com/document/d/1ItWOapiLZQyrgtMPICcLOt4SMP3nbYqGRwmt5apbwpk/edit?usp=sharing</a></p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_211.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_211.pdf</a></p> <p><a href="https://docs.google.com/document/d/1t_qP47IYcUJ-PA6HmG-8ey2FB4DoG-qxKKn7AfuqA5bE/edit?usp=sharing">https://docs.google.com/document/d/1t_qP47IYcUJ-PA6HmG-8ey2FB4DoG-qxKKn7AfuqA5bE/edit?usp=sharing</a></p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_212.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep_212.pdf</a></p>

6	October	Statistics	<p>Assumed mean  <a href="https://diksha.gov.in/play/content/do_3131105897449062401800">https://diksha.gov.in/play/content/do_3131105897449062401800</a></p> <p>mode  <a href="https://diksha.gov.in/play/content/do_313079679289942016110074">https://diksha.gov.in/play/content/do_313079679289942016110074</a></p> <p>median</p>	<p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep%20213.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classX/mathematics/jeep 213.pdf</a></p> <p>Additional Practice questions by CBSE</p>
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		Probability	<a href="https://diksha.gov.in/play/content/do_31310507106339225612622">https://diksha.gov.in/play/content/do_31310507106339225612622</a> empirical formula <a href="https://diksha.gov.in/play/content/do_3131105904625254401160">https://diksha.gov.in/play/content/do_3131105904625254401160</a> Introduction <a href="https://diksha.gov.in/play/content/do_31308591772304998414101">https://diksha.gov.in/play/content/do_31308591772304998414101</a> coin case <a href="https://diksha.gov.in/play/content/do_31308591783990886411848">https://diksha.gov.in/play/content/do_31308591783990886411848</a> 3 coin case <a href="https://diksha.gov.in/play/content/do_31308591787976294412119">https://diksha.gov.in/play/content/do_31308591787976294412119</a> LAB ACTIVITY: To determine the experimental probability of a head (or a tail) dice <a href="https://diksha.gov.in/play/content/do_31308591832874188812771">https://diksha.gov.in/play/content/do_31308591832874188812771</a>	<a href="https://cbseacademic.nic.in/web_material/SQP/ClassX_2022_23/Mathematics-PQ.pdf">https://cbseacademic.nic.in/web_material/SQP/ClassX_2022_23/Mathematics-PQ.pdf</a> Marking Scheme <a href="https://cbseacademic.nic.in/web_material/SQP/ClassX_2022_23/Mathematics-PQMS.pdf">https://cbseacademic.nic.in/web_material/SQP/ClassX_2022_23/Mathematics-PQMS.pdf</a> Sample paper <a href="chrome-extension://efaidnbmnnnibpcajpcgclcfi ndmkaj/https://cbseacademic.nic.in/web_material/SQP/ClassX_2023_24/Math sStandard-SQP.pdf">chrome-extension://efaidnbmnnnibpcajpcgclcfi ndmkaj/https://cbseacademic.nic.in/web_material/SQP/ClassX_2023_24/Math sStandard-SQP.pdf</a>
7	November	Revision and preboard		Preboard Sample paper <a href="chrome-extension://efaidnbmnnnibpcajpcgclcfi ndmkaj/https://cbseacademic.nic.in/web_material/SQP/ClassX_2023_24/Math sBasic-SQP.pdf">chrome-extension://efaidnbmnnnibpcajpcgclcfi ndmkaj/https://cbseacademic.nic.in/web_material/SQP/ClassX_2023_24/Math sBasic-SQP.pdf</a>
8	December	Revision and preboard		Preboard
9	January 2025	Revision and preboard		practice tests
10	February	Revision		Practice tests.
11	March	<b>BOARD EXAMINATION</b>		



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

S.N.	Month	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 2025	The Rise of Nationalism in Europe  Power Sharing	<u><b>The Rise of Nationalism in Europe</b></u>  <a href="https://diksha.gov.in/play/content/do_312795738191781888112086">https://diksha.gov.in/play/content/do_312795738191781888112086</a> <a href="https://www.youtube.com/watch?v=gXuycMzfBW0">https://www.youtube.com/watch?v=gXuycMzfBW0</a> (NCERT Official )  <b>Suggestive Activities</b>  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><b>Power Sharing</b></u>  <a href="https://diksha.gov.in/play/content/do_312795738479017984112109">https://diksha.gov.in/play/content/do_312795738479017984112109</a>  <b>Suggestive Activities</b>  Prepare a Flow Chart on different Organs of the Government.  Quiz	Monthly Test

			List down the various ways of power sharing arrangements in India	
		Development	<p><u>Development</u></p> <p><a href="https://diksha.gov.in/play/content/do_312795738301390848112094">https://diksha.gov.in/play/content/do_312795738301390848112094</a></p> <p><u>Suggestive Activities</u></p> <p>Prepare a Collage on methods of conservation of resources</p> <p>Frame two Slogans to propagate the idea of sustainable development</p> <p>Case study –Different individual goals and concept of development</p> <p>Worksheet-MCQ</p>	Slip test
2	June	<p>Resources and Development</p> <p><u>Resources and Development</u></p> <p><a href="https://diksha.gov.in/play/content/do_312795737823666176112054">https://diksha.gov.in/play/content/do_312795737823666176112054</a></p> <p><u>Suggestive Activities</u></p> <p>Prepare a short note on the need of resource planning in India.</p> <p>Prepare a chart on the types of soil, features and methods of soil conservation</p> <p>Prepare pie diagrams on land use pattern of India and write in their own words about reasons for the changes in land use pattern in India.</p> <p>Quiz/Worksheet-MCQ</p> <p><u>Federalism</u></p> <p><a href="https://diksha.gov.in/play/content/do_312795738494631936112111">https://diksha.gov.in/play/content/do_312795738494631936112111</a></p>		

			<p><b>Suggestive Activities</b></p> <p>Prepare a write-up on unique features of Federalism and Unitary System of Government.</p> <p>Prepare a Chart giving items mentioned in the Union, State and in the Concurrent Lists.</p> <p>Prepare a table on different languages in our Country</p> <p>Design a poster on Decentralisation pattern of India after 1992</p>	
3	July	<p>Forest and Wildlife Resources</p> <p>Sectors of the Indian Economy</p> <p>Water resources</p> <p>Gender, Religion and Caste</p>	<p><b>Forest and Wildlife Resources</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795737840361472110821">https://diksha.gov.in/play/content/do_312795737840361472110821</a></p> <p><b>Suggestive Activities</b></p> <p>Case study-Wild life encounters, situations and impacts</p> <p>Group Discussion on the topic Human interference and wildlife destruction.</p> <p>Suggest five ways to protect Forests</p> <p>Draw a picture/sketch of any one Natural ecosystem</p> <p><b>Sectors of the Indian Economy</b></p> <p><a href="https://diksha.gov.in/play/content/do_31286221480571699214257">https://diksha.gov.in/play/content/do_31286221480571699214257</a></p> <p><b>Suggestive Activities</b></p> <p>Prepare a poster depicting various economic activities of the 3 sectors</p>	<p><b>Periodic Test: 1</b></p>

Write a short note on the growing importance of Tertiary sector in India

Debate on the topic “Enlargement of the Unorganized sector is mark of Economic instability”

Worksheet-MCQ

#### Water resources

[https://diksha.gov.in/play/content/do\\_312795737857212416110823](https://diksha.gov.in/play/content/do_312795737857212416110823)

#### Suggestive Activities

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

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#### Suggestive Activities

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	<p>Nationalism in India</p> <p>Agriculture</p> <p>Minerals and Energy Resources</p> <p>Political Parties</p>	<p><b>Nationalism in India</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738201382912112087">https://diksha.gov.in/play/content/do_312795738201382912112087</a></p> <p><a href="https://www.youtube.com/watch?v=0xU92TTkHpc">https://www.youtube.com/watch?v=0xU92TTkHpc</a> (NCERT Official)</p> <p><b>Suggestive Activities</b></p> <p>Map Activity-Indian National Congress Sessions, Important Centers of Indian National Movement</p> <p>Prepare a time line specifying the major events of Indian National Struggle.</p> <p>Write a poem on Jallianwala incident.</p> <p>List down the factors that created a sense of collective belonging among Indians.</p> <p><b>Agriculture</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795737873481728110825">https://diksha.gov.in/play/content/do_312795737873481728110825</a></p> <p><b>Suggestive Activities</b></p> <p>Map Activity-Important areas of major crops grown in India.</p> <p>Prepare a table furnishing the climatic and soil requirements of the major food and cash crops of India.</p> <p>Prepare a list of institutional and technological reforms which improved agricultural production in India</p> <p>Quiz/Worksheet-MCQ</p> <p><b>Minerals and Energy Resources</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795737892405248112057">https://diksha.gov.in/play/content/do_312795737892405248112057</a></p>	Monthly Test
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			<p><b>Suggestive Activities</b></p> <p>Collection of newspaper articles on Energy Crisis and methods to tackle it.</p> <p>Map Activity-Locate /identify the important Nuclear and Thermal power stations in India.</p> <p>Prepare a flow chart on types of Minerals</p> <p><b>Political Parties</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738551951360110840">https://diksha.gov.in/play/content/do_312795738551951360110840</a></p> <p><b>Suggestive Activities</b></p> <p>Role play on the ideologies, and features of the National political parties of India.</p> <p>Prepare a list of the functions of political parties</p> <p>Suggest five ways to reform political parties</p> <p>Quiz</p>	
5	September	The Making of a Global World outcomes of Democracy Manufacturing Industries	<p><b>The Making of a Global World</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738235682816112090">https://diksha.gov.in/play/content/do_312795738235682816112090</a> -</p> <p><b>Suggestive Activities</b></p> <p>Prepare a short note on Bretton Woods Institutions</p> <p>Find out five differences between ancient globalisation and neo globalisation</p> <p>Role play- “A merchant at an English village during Proto Industrialisation period”</p> <p>Worksheet -MCQ</p> <p><b>Outcomes of Democracy</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738559021056110841">https://diksha.gov.in/play/content/do_312795738559021056110841</a></p>	<p><b>Periodic Test: 2</b> <b>[HALF YEARLY]</b></p>

			<p><b>Suggestive Activities</b></p> <p>Analyze any two cartoons given in the lesson or prepare a cartoon on any of the outcomes of democracy and collect the different interpretations</p> <p>Debate on the topic –Democracy is the most accountable form of government</p> <p><b>Manufacturing Industries</b></p> <p><a href="#">Chapter 6 Manufacturing Industries.pptx - Google Drive</a></p> <p><b>Suggestive Activities</b></p> <p>Map Activity-Locating and Labelling the major industries and industrial areas in India.</p> <p>Group Discussion on Industrial pollution and solutions.</p> <p>Worksheet -MCQ</p>	
6	October	<p>Money and Credit</p> <p>The Age of Industrialization</p> <p>Globalization And The Indian Economy</p>	<p><b>Money and Credit</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738332872704112096">https://diksha.gov.in/play/content/do_312795738332872704112096</a></p> <p><b>Suggestive Activities</b></p> <p>Role play on Barter system and Double coincidence of wants</p> <p>Prepare a list of the functions of the Reserve Bank of India.</p> <p>Prepare a flow chart on Modern forms of Money</p> <p><b>The Age of Industrialization</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738244481024112091">https://diksha.gov.in/play/content/do_312795738244481024112091</a></p> <p><b>Suggestive Activities</b></p>	Monthly Test

			<p>Quiz</p> <p>Prepare a short essay comparing the growth of London and Bombay as industrial cities.</p> <p>Role play-“Women attacked Spinning Jenny”</p> <p><b>Globalisation And The Indian Economy</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738344726528112097">https://diksha.gov.in/play/content/do_312795738344726528112097</a></p> <p><b>Suggestive Activities</b></p> <p>Case study on Labour (Social issue)-Type of employment, working conditions, wage, job security etc.</p> <p>List down the positive and negative impacts of globalisation</p> <p>Prepare a script of the conversation between two farmers regarding the effects of Globalisation on Agriculture</p> <p>Write a short note on WTO</p>	
7	November	<p>Print Culture and the Modern World</p> <p>Lifelines of National Economy</p> <p>PROJECT WORK: Consumer Awareness/Social Issues/Sustainable Development</p>	<p><b>Print Culture and the Modern World</b></p> <p><a href="https://diksha.gov.in/play/content/do_312795738253434880112092">https://diksha.gov.in/play/content/do_312795738253434880112092</a></p> <p><b>Suggestive Activities</b></p> <p>Quiz/Worksheet-MCQ</p> <p>Prepare a time line /time chart depicting the evolution and growth of printing technology</p> <p>Prepare a sketch of the woodblock printing</p>	<p><b>Pre-board:1</b></p>



**Lifelines of National Economy**

[CH7 Geo Lifelines of National Economy - Google Drive](#)

**Suggestive Activities**

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	➤ <a href="#">Revision</a>	<ul style="list-style-type: none"><li>➤ <a href="https://diksha.gov.in/play/content/do_31257981237297152029139">https://diksha.gov.in/play/content/do_31257981237297152029139</a></li><li>➤ Revision of important lessons and concepts</li><li>➤ Practicing Sample Question papers</li><li>➤ Practicing HOT Questions</li><li>➤ Map Reading Drills</li><li>➤ Practicing case study and Source based questions</li></ul>	<b>Pre-board:2</b>
9	January	Revision and Pre-board		<b>Slip tests</b>
10	February	Revision		<b>BOARD EXAM</b>
11	March	<b>BOARD EXAMINATION</b>		

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

Sl. No.	Month	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April and May	Part A - Employability Skills:		<a href="https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf">https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf</a>
		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	<a href="https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf">Employability Skills10.pdf</a> (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?	<a href="https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf">Class10_Facilitator_Handbook.pdf</a> (cbseacademic.nic.in)	

2	June	<b>Basics of AI: Let's Get started</b>		--
		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	<a href="https://cbseacademic.nic.in/web_material/Class10_Facilitator_Handbook.pdf">Class10_Facilitator_Handbook.pdf</a> (cbseacademic.nic.in)	
3	July	<b>Unit 2 : AI Project Cycle</b>		Periodic Test I
		<b>Introduction:</b> 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 &	<a href="https://cbseacademic.nic.in/web_material/Class10_Facilitator_Handbook.pdf">Class10_Facilitator_Handbook.pdf</a> (cbseacademic.nic.in)	
				<a href="https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch1.pdf">https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch1.pdf</a>  <a href="https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch2.pdf">https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch2.</a>  <a href="https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch3.pdf">https://cbseacademic.nic.in/web_material/Curriculum20/Q_ClassX_AI_Ch3.pdf</a>

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

5	September	Pandas, Matplotlib), Statistics Learning & Data Visualization (Statistics and Standard Deviation)		<p style="text-align: center;"><b>PT-2</b>  <b>AI Project Cycle, Advance Python, Data Science, Self  Management Skills. (Theory), Computer Vision  (Theory)</b></p>
		<b>Part A : Employability Skills - ICT Skills</b>		
		Basic Computer Operations, Performing Basic File Operations, Computer Care and Maintenance, Computer Security and Privacy	<a href="#">Employability_Skills10.pdf</a> <a href="#">(cbseacademic.nic.in)</a>	
		<b>Part B – Subject Specific Skills Unit 5 – Computer Vision (Theory) -</b> Introduction to Computer Vision, Applications of CV, Understanding CV Concepts (Computer Vision Tasks, Basics of Images-Pixel, Resolution, Pixel value, Grayscale and RGB images)	<a href="#">Class10_Facilitator_Handbook.pdf</a> <a href="#">(cbseacademic.nic.in)</a>	
		<b>Open CV (Practical)</b> - Introduction to Open CV, Image Processing		
		<b>Part A – Employability Skills : Entrepreneurial Skills</b>		

		Entrepreneurship and Society, Qualities and Functions of an Entrepreneur	<a href="https://cbseacademic.nic.in/Employability_Skills10.pdf">Employability_Skills10.pdf</a> (cbseacademic.nic.in)	
		Myths about Entrepreneurship, Entrepreneurship as a Career Option	<a href="https://cbseacademic.nic.in/Employability_Skills10.pdf">Employability_Skills10.pdf</a> (cbseacademic.nic.in)	
6	October	<b>Part B Subject Specific Skills : Unit 6 Natural Language Processing</b>		<b>Monthly Test</b> <b>Computer Vision (Theory), Part A – Employability Skills : Entrepreneurial Skills</b>  <a href="https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf">https://cbseacademic.nic.in/web_material/Curriculum20/publication/secondary/employability-X.pdf</a>
		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	<a href="https://cbseacademic.nic.in/Class10_Facilitator_Handbook.pdf">Class10_Facilitator_Handbook.pdf</a> (cbseacademic.nic.in)	
7	November	<b>Part A : Employability Skills - Unit 5 Green Skills</b>		<b>1 PRE BOARD Complete Syllabus</b>
		Sustainable Development, Our Role in Sustainable Development	<a href="https://cbseacademic.nic.in/Employability_Skills10.pdf">Employability_Skills10.pdf</a> (cbseacademic.nic.in)	
		<b>Part B: Subject Specific Skills</b>		
		<b>Unit 7 Evaluation</b>		

		Introduction to model evaluation	<a href="#">Class10_Facilitator_Handbook.pdf (cbseacademic.nic.in)</a>	
		Confusion Matrix	<a href="#">Class10_Facilitator_Handbook.pdf (cbseacademic.nic.in)</a>	
		Understanding Accuracy, Precision, Recall & F1 Score	<a href="#">Class10_Facilitator_Handbook.pdf (cbseacademic.nic.in)</a>	
8	<b>December</b>	Revision & Doubt Sessions		<b>II PRE BOARD</b>
9	<b>January 2025</b>	Revision & Doubt Sessions		
10	<b>February</b>			<b>Session Ending Exam</b>
11	<b>March</b>	<b>CBSE EXAM</b>		