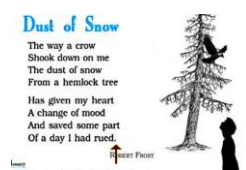


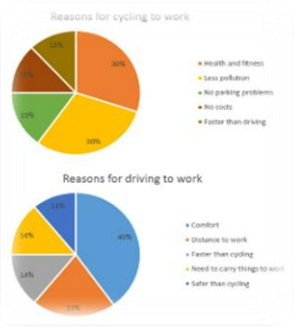





# DELHI PUBLIC SCHOOL DEHRADUN

SYLLABUS BIFURCATION - SESSION 2026-27

**CLASS: X SUBJECT-ENGLISH**


		TOPIC/CONTENT				
MONTH	FORTNIGHT	LITERATURE	GRAMMAR	READING AND WRITING SKILLS	INTEGRATED APPROACH	EXPERIENTIAL & BLENDED LEARNING
APRIL (21 Days)	1 <sup>st</sup> -15 <sup>th</sup> APRIL	<ul style="list-style-type: none"> <li>➤ A Letter to God</li> <li>➤ Dust of Snow</li> <li>➤ Fire and Ice</li> <li>➤ A Triumph of Surgery</li> </ul> 	Exercises on Integrated Grammar  <b>Compacta</b>	Formal Letter  	<b>AI-</b> Expression through the medium of art  <b>MI-</b> Visual - Spatial Verbal-Linguistic <b>ID-</b> Painting,	<b>EL-:</b> EL: Group Discussion – Apartheid  EL: Letter of complaint to some authority  EL: Anecdote
	16 <sup>th</sup> -30 APRIL	<ul style="list-style-type: none"> <li>➤ The Thief's Story</li> <li>➤ Two stories about Flying</li> <li>➤ From the Diary of Anne Frank</li> <li>➤ A Tiger in the Zoo</li> </ul> 	<b>Compacta</b>  Exercises on Integrated Grammar	Analytical Paragraph  	<b>AI--</b> Flow Chart  <b>MI-</b> Visual -Spatial Interpersonal  <b>ID-</b> Science	<b>EL</b> FC on healthy & balanced diet  <b>EL:</b> Open ended questions
MAY (24 Days)	1 <sup>st</sup> -15 MAY	<ul style="list-style-type: none"> <li>➤ Nelson Mandela</li> <li>➤ The Midnight Visitor</li> <li>➤ How to tell Wild Animals</li> </ul>	<b>Compacta</b> Exercises on Integrated Grammar	Letter to the Editor  	<b>AI-</b> Poster on Save Wild Life  <b>MI-</b> Verbal- Linguistic  <b>ID-</b> Visual -Spatial ID: Visual Art, Social Studies	<b>BL:</b> PPT/Video on the life of Nelson Mandela  <b>BL-</b> Make a vlog on their state and its tradition  <b>BL-</b> <a href="https://www.indiatoday.in/education-today/gk-current-affairs/story/list-of-indian-states-union-territories-with-capitals-1346483-2018-09-22">https://www.indiatoday.in/education-today/gk-current-affairs/story/list-of-indian-states-union-territories-with-capitals-1346483-2018-09-22</a>



# DELHI PUBLIC SCHOOL DEHRADUN

SYLLABUS BIFURCATION - SESSION 2026-27


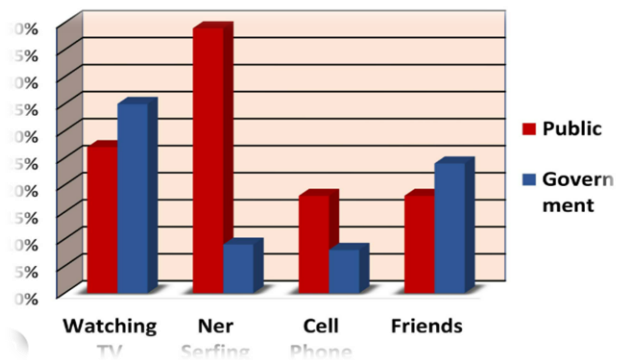
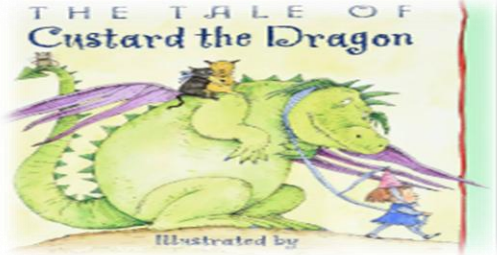



	16-30 <sup>th</sup> May	<ul style="list-style-type: none"> <li>➤ Glimpses of India</li> <li>➤ Footprints without feet</li> <li>➤ Poem-The Ball Poem</li> </ul> 	Exercises on Integrated Grammar  <b>Compacta</b>	<b>Letter of Complaint</b>	<b>AI:</b> Life Drawing of losing someone  <b>MI: Verbal</b> Linguistic  Visual-Spatial  <b>ID:</b> Science	<b>EL-</b> Turncoat – Is animal testing justified?  <b>EL-</b> Story map – Footprints without feet
<b>JUNE</b>		<b>Summer Vacation</b>				
<b>JULY (26 Days)</b>	<b>1<sup>st</sup>-15 JULY</b>	<ul style="list-style-type: none"> <li>➤ The Making of a Scientist</li> <li>Poem-Amanda</li> <li>➤ The Trees</li> <li>➤ The Necklace</li> </ul> 	<b>Compacta</b> Exercises on Integrated Grammar	<b>Letter of enquiry</b>  Unseen Passages  Conceptual understanding, decoding, analyzing, inferring, interpreting and vocabulary <b>(Descriptive)</b>	<b>AI:</b> Sketch your own fantasy world  <b>MI: Verbal-</b> Linguistic  Visual-Spatial, Interpersonal  <b>ID:</b> Arts, Social Studies	<b>EL-Poetry Writing-</b> Replace the name Amanda, create your own imaginary world and do changes in stanza 2,4 and 6  <b>Activity – The Necklace</b>
	<b>16<sup>th</sup>-31 JULY</b>	<ul style="list-style-type: none"> <li>➤ The Sermon at Banaras</li> <li>➤ Fog</li> </ul>	<b>Compacta</b>	Analytical Paragraph	<b>AI-</b> Poster on Animal Cruelty	<b>EL- The Legend of Buddha'</b>



# DELHI PUBLIC SCHOOL DEHRADUN


SYLLABUS BIFURCATION - SESSION 2026-27

		<ul style="list-style-type: none"> <li>➤ Mijbil the Otter</li> </ul> <div style="text-align: center;"> <p>MIJBIL THE OTTER</p>  </div>	Exercises on Integrated Grammar	<p>Letters</p>  <table border="1" style="display: none;"> <caption>Bar Chart Data: Public vs Government Usage</caption> <thead> <tr> <th>Activity</th> <th>Public (%)</th> <th>Government (%)</th> </tr> </thead> <tbody> <tr> <td>Watching TV</td> <td>40</td> <td>55</td> </tr> <tr> <td>Net Surfing</td> <td>80</td> <td>20</td> </tr> <tr> <td>Cell Phone</td> <td>40</td> <td>20</td> </tr> <tr> <td>Friends</td> <td>40</td> <td>55</td> </tr> </tbody> </table>	Activity	Public (%)	Government (%)	Watching TV	40	55	Net Surfing	80	20	Cell Phone	40	20	Friends	40	55	<p><b>MI-</b> Naturalist Visual-Spatial</p> <p><b>ID-</b> Arts</p>	<p><b>BL-</b> Nature walk</p>
Activity	Public (%)	Government (%)																			
Watching TV	40	55																			
Net Surfing	80	20																			
Cell Phone	40	20																			
Friends	40	55																			
<p><b>AUG</b> (23 Days)</p>	<p><b>1<sup>st</sup> -15</b> <b>AUG</b></p>	<ul style="list-style-type: none"> <li>➤ Madam Rides the Bus</li> <li>➤ The Tale of Custard the Dragon</li> <li>➤</li> </ul> <div style="text-align: center;">  </div>	<p><b>Compacta</b> Exercises on Integrated Grammar</p>	<p>Letter of Placing Order</p> <hr/>	<p><b>AI-</b> Illustrative drawing of fog</p> <hr/> <p><b>MI-</b> Interpersonal music</p> <hr/> <p><b>ID-</b> Arts</p>	<p><b>EL-</b> A Bus Ride</p> <p>Students will conduct research on dragons-the mythical and fire breathing beasts</p>															
	<p><b>16<sup>th</sup> -30</b> <b>AUG</b></p>	<ul style="list-style-type: none"> <li>➤ For Anne Gregory</li> <li>➤ Bholi</li> <li>➤ Revision</li> <li>➤</li> </ul> <div style="text-align: center;">  </div>	<p>Exercises on Integrated Grammar</p>	<p>Letter of Placing Order</p> <p>Unseen Passages</p> <p>Conceptual understanding, decoding, analyzing, inferring, interpreting and vocabulary <b>(case based)</b></p>	<p><b>AI-</b> Comic S trip using Direct and Indirect speech</p>  <p><b>MI- Verbal-Linguistic</b> Visual-Spatial</p> <p><b>ID-</b>Ancient History, Arts</p>	<p><b>EL-</b> One on one discussion-Students will come and share their views regarding sermons and can it really change a person's outlook towards life.</p> <p>movie will be shown to the students</p>															
<p><b>SEPT</b> (23 Days)</p>	<p><b>1<sup>st</sup></b></p> <hr/> <p><b>2<sup>nd</sup></b></p>	<p><b>MID- TERM EXAMINATION</b></p>																			
<p><b>OCT</b> (20 Days)</p>	<p><b>1<sup>st</sup> -15th</b> <b>OCT</b></p>	<ul style="list-style-type: none"> <li>➤ The Proposal</li> <li>Revision</li> </ul>	<p>Exercises on Integrated Grammar</p>	<p>Unseen Passages</p> <p>Conceptual understanding, decoding, analyzing, inferring, interpreting and vocabulary <b>(Descriptive)</b></p>	<p><b>AI-</b> Make a placard on women education</p> <hr/> <p><b>MI-</b> Verbal –Linguistic</p> <hr/> <p><b>ID-</b> English Drama</p>	<p><b>EL-</b> : Role play – The Proposal</p> <p><b>BL-</b> Make a presentation on women education</p>															



# DELHI PUBLIC SCHOOL DEHRADUN

SYLLABUS BIFURCATION - SESSION 2026-27

						
	<b>16<sup>th</sup> -30<sup>th</sup> OCT</b>	➤ The Book that Saved the Earth Revision		Unseen Passages  Conceptual understanding, decoding, analyzing, inferring, interpreting and vocabulary <b>(case based)</b>	<b>AI- Drawing</b> of how earth will look after thirty years  <b>MI- Visual-Spatial Interpersonal</b>	<b>EL-</b> Simulation: How life would be in 25 <sup>th</sup> century?  <b>BL-</b>
<b>NOV (22 Days)</b>	<b>1<sup>st</sup> -15<sup>th</sup> NOV</b>	PRE-BOARD				
	<b>16<sup>th</sup> -30 NOV</b>	PRE-BOARD				
<b>DEC (25 Days)</b>	<b>1<sup>st</sup> -15 DEC</b>	1 <sup>St</sup> Pre-BOARD EXAM				
	<b>16<sup>th</sup> -31<sup>st</sup> DEC</b>	1 <sup>St</sup> Pre-BOARD EXAM				
<b>JAN (17 Days)</b>	<b>1<sup>st</sup> -15<sup>th</sup> JAN</b>	2 <sup>nd</sup> Pre-BOARD EXAM				
	<b>16<sup>th</sup> -31<sup>st</sup> JAN</b>	2 <sup>nd</sup> Pre-BOARD EXAM				
<b>FEB (23 Days)</b>			<b>REVISION, Final Practical Exam &amp; PROJECT WORK</b>			
<b>MAR (17 Days)</b>			<b>BOARD EXAMINATION</b>			

**Cycle Test and Term Exams Syllabus Details**

TEST	SYLLABUS	DATE
<b>CT1</b>	SYLLABUS FOR CYCLE TEST:1  1. Unseen Passage (3MCQ & 2 short questions) Letter of complaint 2. Integrated Grammar 3. FIRST FLIGHT 4. A Letter to God 5. Fire and Ice 6. Dust of snow	DD.MM.YY



# DELHI PUBLIC SCHOOL DEHRADUN

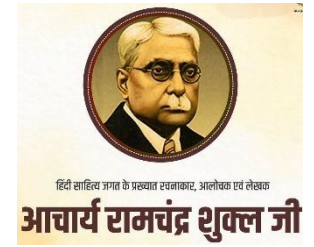
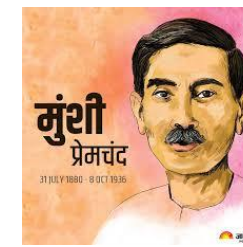
SYLLABUS BIFURCATION - SESSION 2026-27

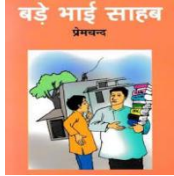

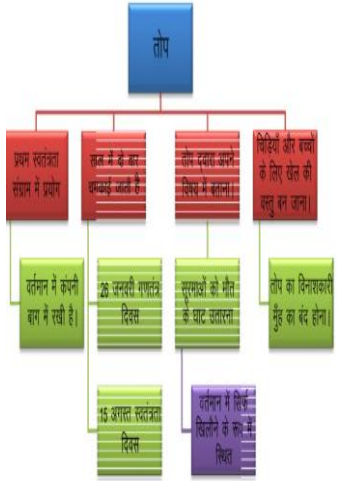

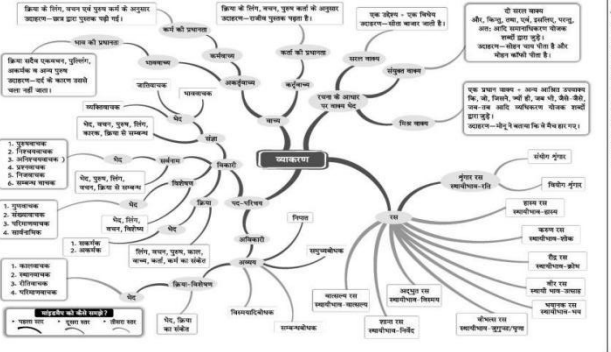
	7. The triumph of surgery	
<b>CT2</b>	<p>SYLLABUS FOR CYCLE TEST:2</p> <ol style="list-style-type: none"> <li>Unseen Passage (3MCQ &amp; 2 short questions) Letter of Enquiry</li> <li>Integrated Grammar</li> <li>Nelson Mandela - Long Walk to Freedom A Tiger in the Zoo The Thief's Story</li> </ol>	DD.MM.YY
<b>Mid Term</b>	<p><b>Unseen Passage</b></p> <p><b>Integrated Grammar</b></p> <p><b>Writing Skills</b></p> <p><b>FIRST FLIGHT</b> A. Prose 1. A Letter to God 2. Nelson Mandela - Long Walk to Freedom 3. Stories About Flying 4. From the Diary of Anne Frank 5. Glimpses of India 6. Mijbil the Otter 7. Madam Rides the Bus 8. The Sermon at Benares B. Poems 1. Dust of Snow 2. Fire and Ice 3. A Tiger in the Zoo 4. How to Tell Wild Animals 5. The Ball Poem 6. Amanda! 7. The Trees 8. Fog 9. The Tale of Custard the Dragon 10. For Anne Gregory</p> <p><b>FOOTPRINTS WITHOUT FEET</b> 1. A Triumph of Surgery 2. The Thief's Story 3. The Midnight Visitor 4. A Question of Trust 5. Footprints Without Feet 6. The Making of a Scientist 7. The Necklace 8. Bholi</p>	DD.MM.YY
<b>PB-1</b>	Full Syllabus	DD.MM.YY
<b>PB-2</b>	Full Syllabus	DD.MM.YY
<b>BOARD EXAM</b>	<p><b>Unseen Passage</b></p> <p><b>Integrated Grammar</b></p> <p><b>Writing Skills</b></p> <p><b>FIRST FLIGHT</b> A. Prose 1. A Letter to God 2. Nelson Mandela - Long Walk to Freedom 3. Stories About Flying 4. From the Diary of Anne Frank 5. Glimpses of India 6. Mijbil the Otter 7. Madam Rides the Bus 8. The Sermon at Benares 9. The Proposal (Play) B. Poems 1. Dust of Snow 2. Fire and Ice 3. A Tiger in the Zoo 4. How to Tell Wild Animals 5. The Ball Poem 6. Amanda! 7. The Trees 8. Fog 9. The Tale of Custard the Dragon 10. For Anne Gregory</p> <p><b>FOOTPRINTS WITHOUT FEET</b> 1. A Triumph of Surgery 2. The Thief's Story 3. The Midnight Visitor 4. A Question of Trust 5. Footprints Without Feet 6. The Making of a Scientist 7. The Necklace 8. Bholi 9. The Book that Saved the Earth</p>	DD.MM.YY



**DELHI PUBLIC SCHOOL DEHRADUN**  
SYLLABUS BIFURCATION - SESSION 2026-27

कक्षा: 10 विषय – हिंदी


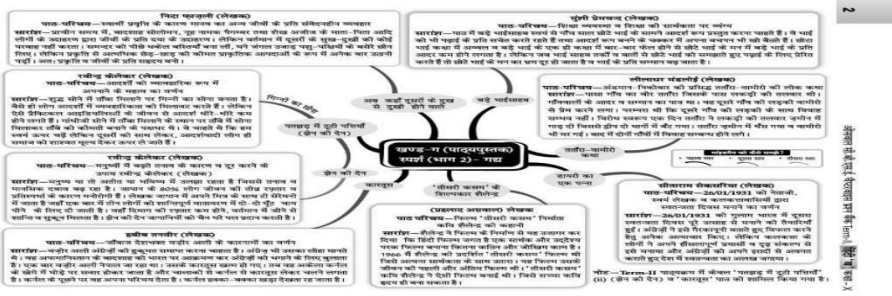

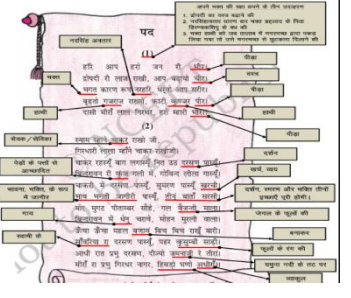
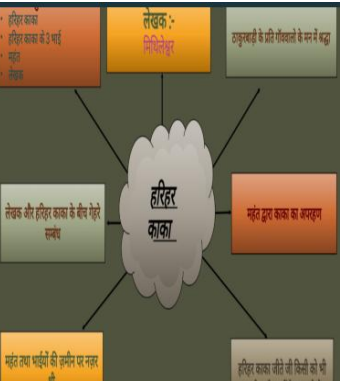


माह	पाक्षिक	प्रकरण			सामग्री	समन्वित दृष्टिकोण	अनुभवात्मक एवं मिश्रित शिक्षण
		साहित्य	व्याकरण	लेखन			
अप्रैल (23)	1 <sup>st</sup> -15 <sup>th</sup>	<p>बड़े भाई साहब</p> 	<p>eqgkojs ] inca/k</p> <p><b>FISH BONE DIAGRAM</b></p> <p>रचना के आधार पर वाक्य</p>	<p>अनुच्छेद, पत्र</p>	<p>पदबंध की परिभाषा</p> <p>पदबंध के प्रकार</p> <p>प्रत्येक पदबंध के उदाहरण और नियम</p> <p>औपचारिक व अनौपचारिक पत्र के अंतर को समझकर पत्र लेखन की शैली का प्रयोग।</p> <p>अनुच्छेद में भाषा की शुद्धता, कलात्मकता, सृजनात्मकता द्वारा भावाभिव्यक्ति का समावेश।</p> 	<p><u>खेल</u></p> <p>खेल व शिक्षा में समन्वय, सहभागिता के माध्यम से प्राप्त करना।</p> <p>प्रेमचंद की यथार्थवादी शैली का ज्ञान। कहानी में प्रयुक्त मुहावरों को जानना। जैसे- आड़े हाथों लेना।</p> <p><u>शिक्षा पद्धति</u></p> <p>सैद्धान्तिक शिक्षा की अपेक्षा व्यावहारिक शिक्षा पद्धति से परिचित करवाना तथा जीवन में संतुलन के महत्त्व को घटना/कहानी के द्वारा समझाना।</p> 	<p><u>अनुभवात्मक शिक्षण</u></p> <p>तत्सम, तद्भव, देशज, आगत तथा पाठ में प्रयुक्त मुहावरों का अभ्यास। शिक्षा रटंत विद्या नहीं है ? विषय पर कक्षा में समूह चर्चा और अभ्यास कार्य।</p> <p><u>मिश्रित शिक्षण</u></p> <p>ऑनलाइन वीडियो और एनिमेशन के माध्यम से पदबंध के उदाहरण दिखाना। कक्षा में पुस्तकों और डिजिटल सामग्री दोनों का उपयोग करके अभ्यास करवाना।</p> <p><a href="https://youtube/OPWj3cxJIHw">https://youtube/OPWj3cxJIHw</a></p> <p><a href="#">All In One Hindi 'B' CBSE Class 10th Based On Latest...</a></p>  <p><a href="#">MANVI BOOK HOUSE</a></p> <p><a href="https://manvibookhouse.in">https://manvibookhouse.in</a> &gt; all-in...</p> 



# DELHI PUBLIC SCHOOL DEHRADUN

## SYLLABUS BIFURCATION - SESSION 2026-27

<p>16<sup>th</sup>-30<sup>th</sup> अप्रैल</p>	<p>rrkijk okehjks dFkk</p> <p>dchj dh lkf[k;ka</p> 	<p>समास</p> <p><b>SPIDER DIAGRAM</b></p>	<p>सूचना,</p> <p>सूचना के प्रारूप, स्वरूप एवं भाषा शैली से परिचित करना</p> <p>समास के विभिन्न घटकों से अवगत करवाना।</p> <p>व्यावसायिक एवं सरकारी अधिकारियों द्वारा लिखि जाने वाली सूचना के विभिन्न अंगों, संबोधन द्वारा कलात्मक कौशल का विकास।</p>	<p>प्राचीन रूढ़ियों में बदलाव</p> <p>पंचतंत्र की कहानी के माध्यम से पूर्व ज्ञान पर आधारित 'कहानी के महत्व' पर प्रकाश डालते हुए पाठ का प्रारम्भ किया जायेगा।</p> <p>पुरानी रूढ़ियों के खत्म होने पर जीवन में आने वाले प्रभाव की जानकारी।</p> <p><b>नैतिक शिक्षा</b></p> <p>साखी उच्चारण एवं पठन शैली को ध्यान से सुनना। भाव हृदयंगम करना। व दोहों के माध्यम से नैतिक शिक्षा प्रदान करना।</p> <p>निकोबार की भौगोलिक स्थिति की जानकारी प्राप्त करना।</p>	<p>अनुभवात्मक शिक्षण</p> <p>अडमान-निकोबार द्वीप समूह की प्रमुख जनजातियों की विशेषताएं।</p> <p>कहानी का सुखद अंत अपने रचनात्मक कौशल के आधार पर लिखिए।</p> <p>छात्रों के अलग-अलग समूह को अलग-अलग कवियों की जीवन शैली, भाषा शैली, में अंतर के 5-5 दोहे लिखने को दिए जाएंगें।</p> <p><b>मिश्रित शिक्षण</b> यू ट्यूब द्वारा समास से संबंधित जानकारी</p> <p><b>कक्षा 10 के लिए विषयवार माइंड मैप्स</b></p> <p><a href="https://edurev.in/courses/22923-Subject-Wise-Mind-Map">https://edurev.in/courses/22923-Subject-Wise-Mind-Map</a></p> <p><a href="https://edurev.in/courses/22923-Subject-Wise-Mind-Map">EduRev</a></p> 
<p>मई (25 Days)</p> <p>1<sup>st</sup>-15<sup>th</sup> मई</p> <p>16-31 मई</p>	<p>मीरा के पद</p> <p>हरिहर काका</p> <p>डायरी का एक पन्ना</p> 			<p>साहित्य की पद्य विधा की जानकारी प्रदान करना।</p> <p><b>युवा पीढ़ी व वृद्ध</b></p> <p>कथा के माध्यम से वृद्धों के प्रति कर्तव्य का ज्ञान। तर्कपूर्ण विचारधारा के साथ भाव संप्रेषण।</p> <p>लेख की घटनाओं को अपने दैनिक जीवन के संदर्भ में जोड़कर देखना।</p> <p>विभिन्न प्रकार के आंदोलनों के बारे में जानकारी प्रदान करना।</p> <p><b>संगीत</b></p> <p>छात्रों द्वारा अपनी भाषा में कोई पद/कविता का वाचन। ताल, मधुरता व स्वयंभाव के अनुसार कविता पढ़ने की क्षमता उत्पन्न करना।</p> <p><b>भौतिकता व आध्यात्मिकता</b></p> <p>भौतिकता व आध्यात्मिकता में समन्वय।</p>  	<p>अनुभवात्मक शिक्षण</p> <p>मान्यतानुसार विष्णु के 10 अवतार माने गए हैं। राम, कृष्ण के साथ-साथ अन्य अवतारों के विषय में जानकारी प्राप्त कर लिखें।</p> <p>निर्गुण व सगुण भक्ति धारा के कवियों पर <b>FISH BONE DIAGRAM</b></p> <p>आपसी संबंधों पर धन का प्रभाव विषय पर परिचर्चा</p> <p>मीडिया का जनजीवन पर नकारात्मक व सकारात्मक प्रभाव।</p> <p>छात्रों को 4Ws प्रॉब्लम कैनवास: भरने को कहा जाएगा।</p> <p><b>who, what, where. &amp; why</b></p>



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						<p>तर्कपूर्ण विचारधारा के साथ भाव संप्रेषण।</p> <p>साहित्य के गद्य-विधा 'डायरी लेखन' की जानकारी देना।</p> <p><b>सांस्कृतिक विरासत</b></p> <p>कविता द्वारा छात्रों के संवेगों, सहज प्रवृत्तियों, का परिष्कार करना।</p> <p>अपनी सांस्कृतिक विरासत की अहमियत की जानकारी।</p> <p>पाठ को हृदयंगम करने की क्षमता को विकसित करना।</p>	<p>पाठ के माध्यम से स्वतंत्रता संग्राम में कोलकाता के योगदान को दर्शाया गया है। आजादी के आंदोलन में आपके क्षेत्र का क्या योगदान रहा ? पुस्तकालय अथवा अन्य श्रोतों से इस संबंध में जानकारी प्राप्त कर लिखें।</p> <p><b>मिश्रित शिक्षण</b></p> <p><a href="#">Hindi Presentation for Class 10 Chapter Wise</a></p> <p> CBSE CONTENT</p> <p><a href="https://cbsecontent.com/hindi-pr..">https://cbsecontent.com/hindi-pr..</a></p>
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## REVISION and Activities





(if any class)

जून						
जुलाई (26 Days)	1 <sup>st</sup> - 15 <sup>th</sup> जुलाई	पर्वत प्रदेश में पावस सपनों के से दिन	विज्ञापन, ई मेल	विज्ञापित वस्तु की आकर्षक लेखन शैली द्वारा नवीनता, मौलिकता व भाषाई शुद्धता। सुरक्षित, समय की बचत व त्वरित माध्यम ईमेल द्वारा कागज का कम उपयोग करके पर्यावरण को बचाने हेतु भाव संप्रेषण की आधुनिकतम तकनीक।	<p><b>प्रकृति व पर्यावरण</b></p> <p>विविध रूपों से युक्त प्रकृति के महत्त्व की जानकारी तथा वर्तमान समय में प्रकृति की स्थिति का परिचय।</p> <p>साहित्य के गद्य विधा 'संस्मरण' की जानकारी तथा समाज में व्याप्त विसंगतियों के बारे में सजग होना।</p> <p>छायावादी रचना से परिचय, मानवीकरण अलंकार का स्वाभाविक प्रयोग, चित्रात्मक शैली का ज्ञान, ऋतुओं की जानकारी।</p> <p><b>नैतिक मूल्य</b></p> <p>नैतिक मूल्यों की ओर प्रेरित करते हुए प्राणि मात्र के प्रति करुणा, सहानुभूति, प्रेम आदि भावनाएं जागृत करना।</p> <p><b>भाषा व बोली</b></p> <p>कविता में प्रयुक्त संस्कृतिष्ठ कविता के विभिन्न शब्दों के अर्थ तथा आधुनिक काल में रचित खड़ी बोली की कविता की जानकारी।</p>	<p><b>अनुभवात्मक शिक्षण</b></p> <p>छात्रों ने जिन पर्वतीय क्षेत्रों की यात्रा की है उनके द्वारा ली गई फोटो से सुंदर कोलाज बनवाया जाएगा। तथा उस स्थल के विषय में उनके विचार।</p> <p>पाठ में वर्णित अभिभावकों तथा वर्तमान समय के अभिभावक के मध्य हुए परिवर्तन का तुलनात्मक अध्ययन करते हुए परिचर्चा।</p> <p><b>मिश्रित शिक्षण</b></p> <p><a href="https://youtube/OPWj3cxJIHw">https://youtube/OPWj3cxJIHw</a></p>



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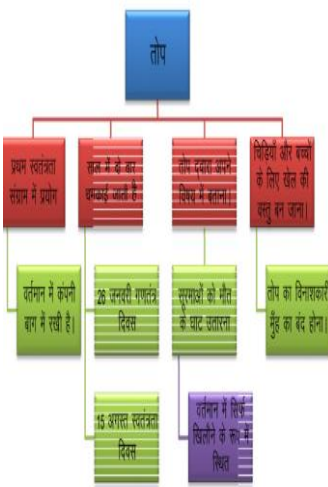


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					लेखक, प्रीतमचंद के व्यक्तित्व तथा शैक्षिक व्यवस्था पर विचार प्रकट करना	
16 <sup>th</sup> -31 <sup>st</sup> जुलाई	अब कहाँ दूसरों के दुख में दुखी होने वाले तीसरी कसम के शिल्पकार—शैलेन्द्र			Textual Exercises and worksheets पावर प्वाइंट के द्वारा पाठ की प्रस्तुत। <b>पाठ विस्तार में सहायक—</b> पी.पी. टी, स्मार्ट बोर्डअसाइनमेंट 	प्राकृतिक बदलाव छात्रों को अपने परिवेश एवं प्रकृति की जानकारी प्रदान करना। प्राकृतिक विपत्ति तथा समुद्र के विषय में आधारभूत ज्ञान। <b>भारतीय सिनेमा</b> कहानी के माध्यम से फिल्मों की मनोरंजक शैली से परिचय। तीसरी कसम व आधुनिक फिल्मों का तुलनात्मक ज्ञान प्रदान करना। <b>पर्यावरण प्रदूषण</b> पर्यावरण प्रदूषण को रोकने के विभिन्न उपायों का व्यावहारिक ज्ञान। कहानी में आए संवेदनशील स्थलों का चुनाव करना। <b>'जब सिनेमा ने बोलना सीखा'</b> के माध्यम से सवाक फिल्मों के महत्त्व पर प्रकाश डाला जाएगा। <b>नाटक व एकांकी</b> कहानी को एकांकी रूप में मंचन करना। स्वान्तः सुखाय का महत्त्व समझेंगे तथा भारतीय फिल्मों में संगीत की जानकारी।	<b>अनुभवात्मक शिक्षण</b> वर्तमान पर्यावरण की स्थिति पर लेख। पृथ्वी पर जन जीवन का विकास तथा उससे उत्पन्न समस्याओं पर लेख व परिचर्चा।  फिल्मों की सफलता के लिए समाज की रुचि आवश्यक है विषय पर छात्र अपने अनुभव लिखेंगे। फिल्मों का समाज पर प्रभाव विषय पर लेख व चर्चा। <b>मिश्रित शिक्षण</b> <a href="https://mycbseguide.com">myCBSEguide.com</a> <a href="https://mycbseguide.com/blog/important-questions-class-10-hindi-b-chapter-8-top-">https://mycbseguide.com/blog/important-questions-class-10-hindi-b-chapter-8-top-</a>
अगस्त (23 Days)	1 <sup>st</sup> -15 <sup>th</sup> अगस्त मनुष्यता , तोप		रचना के आधार पर वाक्य की परिभाषा रचना के आधार पर वाक्य के प्रकार प्रत्येक वाक्य के उदाहरण और नियम	रचना के आधार पर वाक्य की परिभाषा रचना के आधार पर वाक्य के प्रकार प्रत्येक वाक्य के उदाहरण और नियम	<b>भारतीय संस्कृति</b> कविता द्वारा संवेगों, सहज प्रवृत्तियों के परिचय के साथ-साथ कविता के भाव को आत्मसात करना। धरोहर हमारी संस्कृति की परिचायक। प्रतीकों के माध्यम से भूतकाल में की गई भूलों से परिचय। संस्कृतनिष्ठ खड़ी बोली के सुंदर प्रयोग से छात्रों को परिचित करवाना। <b>भारतीय स्वतंत्रता संग्राम</b> 1857 के गदर की स्थिति का ज्ञान व सेनानियों के कष्टों की अनुभूति करने में समर्थ होंगे।	<b>अनुभवात्मक शिक्षण</b> कविता में वर्णित पौराणिक प्रसंगों के अतिरिक्त अन्य पौराणिक पात्रों के विषय में जानकारी प्राप्त का लिखना। भारतीय संस्कृति के प्रमुख गुणों—प्रेम, अहिंसा, दया,त्याग पर परिचर्चा। विद्यार्थियों को अपनी विरासत की अहमियत की जानकारी देते हुए परिचर्चा व लेख। 1857 के गदर पर लेख जिससे छात्र सेनानियों के कष्टों को समझा सकेंगे। 

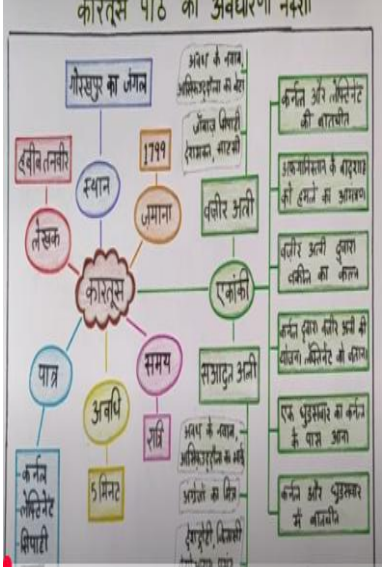




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					 <p><b>मानवीय मूल्य</b> कठिन शब्द बताकर छात्रों के शब्द भंडार में वृद्धि करना। मानवीय मूल्यों के विकास के साथ ही छात्रों को भविष्य के लिए सचेत करना।</p> <p>समूह द्वारा आजादी पाने के लिए किए गए नरम और गरम दल का तुलनात्मक विवेचन। पदों के माध्यम से आजादी प्राप्ति के पूर्व में हुई असफलताओं का मूल्यांकन और सुझाव से परिचित कराना।</p>	<p><b>मिश्रित शिक्षण</b></p> <p>: <a href="https://school.edugrown.in/class-10th...">https://school.edugrown.in/class-10th...</a></p> <p><b>CBSE CONTENT</b></p> <p><a href="https://cbsecontent.com/hindi-pr..">https://cbsecontent.com/hindi-pr..</a></p> <p><a href="#">In One Hindi 'B' CBSE Class 10th Based On Latest NCERT ...</a></p>  <p><a href="#">Flipkart</a></p> <p><a href="https://www.flipkart.com/all-one-hindi-b-cbse-class-1...">https://www.flipkart.com/all-one-hindi-b-cbse-class-1...</a></p>
	16 <sup>th</sup> -30 <sup>th</sup> अगस्त	पतझड़ की टूटी पत्तियां कर चले हम फिदा		<p>नए शब्दों का अर्थ समझाकर शब्द भंडार में वृद्धि</p> <p>पावर पाइंट के माध्यम से पाठ की प्रस्तुति।</p> <p>उच्चारण में पठन शैली को ध्यान से सुनना।</p>	<p>व्यवहारवाद की उपयोगिता बताते हुए आदर्शवाद व व्यवहारवाद की तुलनात्मक जानकारी।</p> <p><b>भारतीय योग</b> तनाव के कारणों को जानकर मानसिक शांति पाने के प्रयासों में ज्ञान की कथाएं—मार्ग दर्शक। खेल व योग की आवश्यकता समझाते हुए मानसिक शांति का विकास और जीवन में संतुलन के महत्व को अपनाएंगे।</p> <p>गांधी जी के आजादी के प्रयासों की पूर्व जानकारी।</p> <p>किसी बहुराष्ट्रीय कंपनी के मैनेजर की स्थिति का काल्पनिक वर्णन करते हुए पाठ को सरलीकरण करना।</p> <p><b>तनाव व योग</b> चा—नी—यू विधि को अपने शब्दों में अभिव्यक्त करना। शुद्ध उच्चारण के साथ पठन क्षमता का विकास। शुद्ध लेखन क्षमता का विकास।</p>	<p><b>अनुभवात्मक शिक्षण</b></p> <p>भारतीय एवं जापान की ध्यान की विधियों में समानता एवं भिन्नता के विषय में जानकारी एकत्र करना।</p> <p>महात्मा बुद्ध व महावीर स्वामी के विषय में जानकारी के साथ ही ध्यान की मुद्राओं का चार्ट बना उसका जीवन पर पड़ने वाले प्रभाव पर कार्य करवाया जाएगा।</p> <p>1962 के युद्ध की फोटो तथा जानकारियां गूगल लेंस या अन्य माध्यमों से एकत्रित करेंगे व कक्षा में सुनाएंगे।</p> <p>विंग कमांडर अभिनन्दन वर्धमान का पराई धरती पर किया गया प्रदर्शन उनकी मानसिक दृढ़ता का परिचायक है पर परिचर्चा <b>!Story -telling</b></p> <p><b>Approach</b></p> <p><b>मिश्रित शिक्षण</b></p> <p><a href="https://www.magnetbrains.com/get-subject-wise-">https://www.magnetbrains.com/get-subject-wise-</a></p> <p><a href="#">Hindi Presentation for Class 10 Chapter Wise</a></p>  <p><b>CBSE CONTENT</b></p> <p><a href="https://cbsecontent.com/hindi-pr..">https://cbsecontent.com/hindi-pr..</a></p>
सितंबर (23)	1 <sup>st</sup> 2 <sup>nd</sup>				<b>अर्द्धवार्षिक परीक्षा</b>	

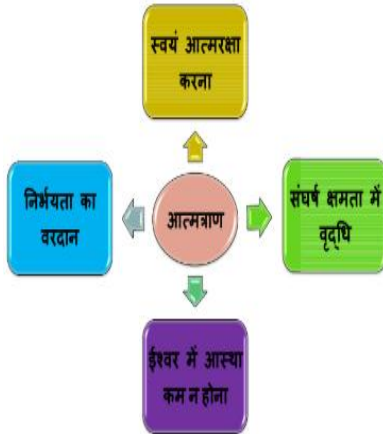



<p>अक्टूबर (23 Days)</p>	<p>1<sup>st</sup> -15<sup>th</sup> अक्टूबर</p>	<p>टोपी शुक्ला कारतूस</p>		<p>पावर प्वाइंट के द्वारा पाठ की प्रस्तुत।</p> 	<p><b>संयुक्त परिवार व समाज</b> परिवार में शैक्षिक वातावरण की ओर ध्यान दिलाना तथा समाज एवं परिवार की मुश्किलों का ज्ञान प्रदान करवाना। <b>देश के प्रति कर्तव्य</b> एकांकी विधा से परिचित होंगे। विद्यार्थी के व्यक्तिगत व देश के उत्तरदायित्व के मध्य समन्वय स्थापित करने में समर्थ होंगे। इतिहास का वर्तमान पर प्रभाव</p> <p><b>जीवन और प्राथमिक शिक्षा</b> कहानी की विषयवस्तु को अपने दैनिक जीवन के संदर्भ से जोड़कर प्रारंभिक जीवन और प्राथमिक शिक्षा के बारे में जानकारी प्रदान करना।</p> <p>पहले स्वतंत्रता संग्राम के बहादुर मंगल पांडे के जीवन पर प्रकाश डालते हुए पाठ समझाया जाएगा।</p> <p>हिंदी साहित्य की संस्मरण विधा का प्रारंभिक ज्ञान। पाठ को हृदयंगम करने की क्षमता को विकसित करने के लिए पाठ को ध्यान से सुनना व संबंधित जिज्ञासाओं का निराकरण करना।</p> <p><b>अभिनय क्षमता</b> शुद्ध उच्चारण के साथ पठन क्षमता, अभिनय क्षमता का विकास जिससे विषयवस्तु का सरलीकरण हो सके।</p>	<p><b>अनुभवात्मक शिक्षण</b> अपने गांव की शैक्षणिक समस्या पर लेख। अपने आस-पास या घर की समस्या पर आधारित कोई कहानी या लेख लिखना। युद्ध में विजय हथियारों से नहीं बल्कि हौसलों से मिलती है। पाठ को आधार बनाते हुए लेख लिखिए। उन स्थलों के नाम जहां अंग्रेजी साम्राज्य स्थापित करने की कोशिश की गई, उन राजाओं के नाम जिन्होंने समर्पण नहीं किया, तथा जिन्होंने समर्पण किया की तालिका बनवाई जाएगी।</p> <p><b>मिश्रित शिक्षण</b> डेटा अधिग्रहण व डेटा अन्वेषण विभिन्न माध्यमों द्वारा। : <a href="https://school.edugrown.in/class-10th...">https://school.edugrown.in/class-10th...</a> <a href="https://school.edugrown.in/class-10th...">CBSE Class 10 Mind Maps   For Latest Board Exams</a>  <a href="https://oswaalbooks.com">Oswaal Books</a> <a href="https://oswaalbooks.com">https://oswaalbooks.com</a> &gt; pages &gt; cbse-class-10-mind-m...</p> 
	<p>16<sup>th</sup> -30<sup>th</sup> अक्टूबर</p>	<p>आत्मत्राण</p>		<p>कवि के बारे में आवश्यक जपनकारियां अपनी अभ्यास</p>	<p><b>आत्मविश्वास</b> अपनी कल्पना शक्ति से परमात्मा की वास्तविकता का अनुभव करते हुए प्रार्थना</p>	<p><b>अनुभवात्मक शिक्षण</b> रवींद्रनाथ ठाकुर के शिक्षण संस्थान की जानकारी।</p>



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				<p>पुस्तिका में लिखना।</p> 	<p>गीत लिखने की योग्यता का विकास करना।</p> <p>प्रार्थना को अपने भावी जीवन से जोड़कर देखना तथा उसे मंचस्थ करना।</p> <p>प्रार्थना द्वारा ईश्वर से अपने आत्मविश्वास को बढ़ाने की क्षमता का विकास करना पाठ का सही उच्चारण के साथ उच्च स्वर में पठन करना।</p>	<p>आत्मविश्वास शीर्षक पर एक अनुच्छेद। <b>मिश्रित शिक्षण</b></p> <p><a href="https://t.me/kritichampions">https://t.me/kritichampions</a></p> <p><a href="#">Hindi Presentation for Class 10 Chapter Wise</a></p>  <p><b>CBSE CONTENT</b></p> <p><a href="https://cbsecontent.com">https://cbsecontent.com</a> &gt; hindi-pr..</p>
नवंबर (22 Days)	1 <sup>st</sup> -15 <sup>th</sup> नवंबर	पुनरावृत्ति कार्य		पुनरावृत्ति कार्य	पुनरावृत्ति कार्य	
	16 <sup>th</sup> -30 <sup>th</sup> नवंबर	पुनरावृत्ति कार्य		पुनरावृत्ति कार्य	पुनरावृत्ति कार्य	
दिसंबर (25 Days)	1 <sup>st</sup> -15 <sup>th</sup> दिसंबर	पुनरावृत्ति कार्य तथा Pre Board Exam.		पुनरावृत्ति कार्य तथा Pre Board Exam.	पुनरावृत्ति कार्य तथा Pre Board Exam.	
	16 <sup>th</sup> -31 <sup>st</sup> दिसंबर	पुनरावृत्ति कार्य तथा Pre Board Exam.		पुनरावृत्ति कार्य तथा Pre Board Exam.	पुनरावृत्ति कार्य तथा Pre Board Exam.	
जनवरी (17 Days)	1 <sup>st</sup> -15 <sup>th</sup> जनवरी			पुनरावृत्ति कार्य तथा Pre Board Exam.	पुनरावृत्ति कार्य तथा Pre Board Exam.	
	16 <sup>th</sup> -31 <sup>st</sup> जनवरी					
फरवरी (23 Days)	1 <sup>st</sup>	पुनरावृत्ति कार्य एवं वार्षिक परीक्षा				
	2 <sup>nd</sup>					
मार्च (17)	1 <sup>st</sup>	वार्षिक परीक्षा				
	2 <sup>nd</sup>					

इकाई परीक्षा, अर्द्धवार्षिक एवं वार्षिक परीक्षा पाठ्यक्रम

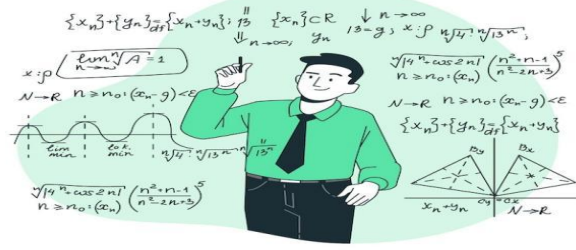
<b>TEST</b>	<b>SYLLABUS</b>	<b>DATE</b>
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प्रथम इकाई	पाठ 1 बड़े भाई साहब 2 ततारा 3 कबीर 4 अपठित 5 पदबंध 6 मुहावरे	DD.MM.YY
द्वितीय इकाई	पाठ 1 हरिहर 2 मीरा, 4 डायरी का एक पन्ना 5 पर्वत प्रदेश में पावस 6 अपठित 7 पदबंध 8 मुहावरे 9 समास	DD.MM.YY
अर्द्धवार्षिक परीक्षा	पाठ 1 बड़े भाई साहब 2 डायरी का एक पन्ना 3 ततारा 4 अब कहां दूसरों के दुख में दुखी होने वाले 5 पतझर की टूटी पत्तियां 6 कबीर 7 मीरा, 8 पर्वत प्रदेश में पावस 9 तोप 10 कर चले हम फिदा 11 मनुष्यता 12 हरिहर 13 अपठित 14 संपूर्ण व्याकरण 15 अनुच्छेद 16 पत्र 17 सूचना 18 विज्ञापन 19 ईमेल/कहानी लेखन	DD.MM.YY
प्री बोर्ड . 1	1 स्पर्श संपूर्ण पुस्तक गद्य व पद्य खंड 2 संचयन संपूर्ण पुस्तक 3 व्यावहारिक व्याकरण 4 लेखन	DD.MM.YY
प्री बोर्ड . 2	1 स्पर्श संपूर्ण पुस्तक गद्य व पद्य खंड 2 संचयन संपूर्ण पुस्तक 3 व्यावहारिक व्याकरण 4 लेखन	DD.MM.YY
वार्षिक परीक्षा	1 स्पर्श संपूर्ण पुस्तक गद्य व पद्य खंड 2 संचयन संपूर्ण पुस्तक 3 व्यावहारिक व्याकरण 4 लेखन	DD.MM.YY



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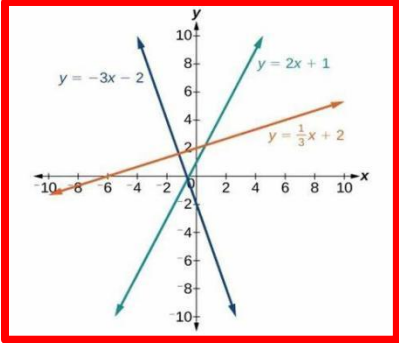
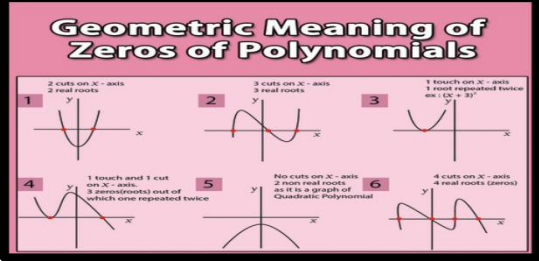
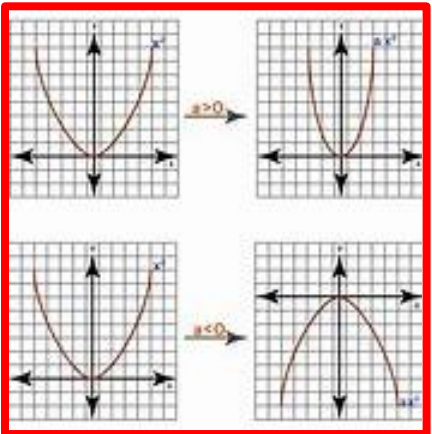
SYLLABUS BIFURCATION - SESSION 2026-27

CLASS: **X**, SUBJECT-MATHEMATICS



MONTH	FORTNIGHT	TOPIC	CONTENT	INTEGRATED APPROACH	EXPERIENTIAL & BLENDED LEARNING
APRIL (23)	1 <sup>st</sup> -15 <sup>th</sup> APRIL	<b>CH 1: REAL NUMBERS</b> 	<ul style="list-style-type: none"> <li>● Fundamental-theorem of Arithmetic</li> <li>● Irrational Numbers</li> <li>● H.C.F</li> <li>● L.C.M</li> <li>● Decimal expansion</li> </ul>	<p><b>AI-</b> Representation of irrational numbers on the number line.</p> <p><b>MI-</b> Verbal Linguistic(History of Pie Concept of irrational numbers)</p> <p>Intrapersonal</p> <p>Logical reasoning</p> <p><b>ID-</b></p> <p>The lesson plan on Real Numbers</p> <p>Clear Objectives</p> <p>Unit Tests</p>	<p><b>EL-:</b> Make a poster on different operations between rational and irrational numbers</p> <p>To determine HCF By paper cutting and pasting (Logical reasoning)</p> <p><b>BL-</b> <a href="https://youtu.be/XWq8bplP-_E">https://youtu.be/XWq8bplP-_E</a></p> <p>Practicing the questions from R.D.Sharma</p>
	16 <sup>th</sup> -30 <sup>th</sup> APRIL	<b>CH 2: POLYNOMIAL</b> 	<ul style="list-style-type: none"> <li>● Polynomial</li> <li>● Zeroes of Polynomial</li> <li>● Relationship between zeroes and coefficients of quadratic polynomial</li> <li>● Types of Polynomials</li> <li>● Degree of the Polynomials</li> </ul>	<p><b>AI--</b></p> <p>Polynomial Patterns</p> <p>Algebraic Art</p> <p>Mathematical Mosaic</p> <p>Polynomial Sculpture</p> <p><b>MI-</b></p> <p>Verbal-Linguistic</p> <p>Logical-Reasoning</p> <p>Visual-Spatial</p> <p>Bodily-Kinesthetic</p> <p>Intrapersonal</p> <p><b>ID-</b></p>	<p><b>EL-:</b> To Obtain Zeros of Polynomial Geometrically</p> <p><b>BL-</b></p> <p><a href="https://youtu.be/EtzwLlkoAnM">https://youtu.be/EtzwLlkoAnM</a></p> <p><a href="https://youtu.be/f-xluUaAfw0">https://youtu.be/f-xluUaAfw0</a></p> <p><a href="https://youtu.be/PIILLboBfbU">https://youtu.be/PIILLboBfbU</a></p> <ul style="list-style-type: none"> <li>● Question Practice from R.D.Sharma</li> </ul>

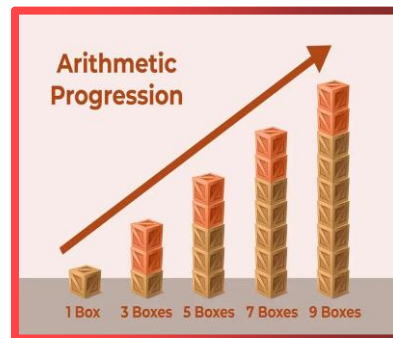


		<p style="text-align: center;"><b>CH 3:</b> <b>PAIR OF LINEAR EQUATIONS IN TWO VARIABLES</b></p> 	<ul style="list-style-type: none"> <li>To Find Zeros of Polynomial</li> <li>Comparison of Coefficients and Zeroes of the Polynomials</li> <li>General Form of Linear Equation In Two Variables</li> <li>Graphical method of their solutions</li> <li>Consistency/inconsistency of the eq<sup>n</sup></li> <li>Substitution Method</li> <li>Elimination Method</li> <li>Applications and word problems</li> </ul>	<p>Clear Objectives Lesson Plan Unit Tests</p> <p><b>AI-</b> Graphical Representation Quadratic Equation Sculpture Mathematical Mural Algebraic Art</p> <p><b>MI-</b> Verbal-Linguistic Logical-Mathematical Visual-Spatial Intrapersonal</p> <p><b>ID-</b> Clear Objectives Lesson Plan Unit Tests</p>	 <p><b>EL-</b> To verify solvability of Linear Equation in Two Variables</p> <p><b>BL-</b> <a href="https://youtu.be/GWZKz4F9hWM">https://youtu.be/GWZKz4F9hWM</a> <a href="https://youtu.be/wYrxKGt_bLg">https://youtu.be/wYrxKGt_bLg</a></p> <p>Question Practice from R.D. Sharma</p>
<p style="text-align: center;"><b>MAY</b> <b>(25 Days)</b></p>	<p style="text-align: center;"><b>1<sup>st</sup>-15<sup>th</sup></b> <b>MAY</b></p>	<p style="text-align: center;"><b>CH 4:</b> <b>QUADRATIC EQUATION</b></p> 	<ul style="list-style-type: none"> <li>Introduction and solution of quadratic equation</li> <li>Nature of roots of quadratic equation</li> <li>Factorization method</li> <li>Quadratic Formula/ Shridharacharya Formula</li> </ul> $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$	<p><b>AI-</b> Geometric Patterns Quadratic Equation Sculpture Mathematical Mural Algebraic Art</p> <p><b>MI-</b> Verbal-Linguistic Logical-Mathematical Visual-Spatial Intrapersonal</p> <p><b>ID-</b> Clear Objectives Lesson Plan Unit Tests</p>	<p><b>EL-</b> <b>Architecture:</b> Ask students to design a building or bridge using quadratic equations to model the shape and structure.</p> <p><b>BL-</b> <a href="https://youtu.be/KbFwLvCOBUI">https://youtu.be/KbFwLvCOBUI</a> <a href="https://youtu.be/ZIqW_sXymrM">https://youtu.be/ZIqW_sXymrM</a></p> <p>Question Practice from R.D. Sharma</p>



16<sup>th</sup>-31<sup>st</sup>  
MAY

CH : 5  
ARITHMETIC  
PROGRESSION



CH: 6  
TRIANGLES

- $D = b^2 - 4ac$ , is called the discriminant which decides the nature of roots.
- If  $D > 0$ , Roots are real and unequal.
- If  $D = 0$ , Roots are real and equal.
- If  $D < 0$ , No Real roots .

- $n^{\text{th}}$  term of an A.P.
- Sum of n terms of an A.P.
- Word Problems
- $a_n = a + (n-1)d$
- $S_n = \frac{n}{2} [2a + (n-1)d]$

- Similar Triangles
- B.P.T .Theorems (Thales Theorem), Converse of BPT
- Criterias of Similar Triangles (SSS, SAS, AAA)

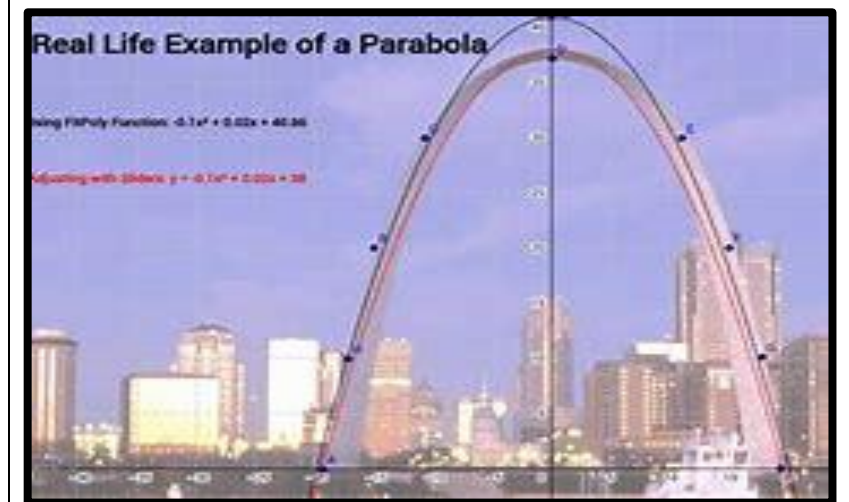
**AI-**  
Pattern Blocks  
AP Art  
Number Line Art  
Mathematical Mosaic

**MI-**  
Verbal-Linguistic  
Logical-Mathematical  
Visual-Spatial  
Intrapersonal

**ID-**  
Clear Objectives  
Lesson Plan  
Unit Tests

**AI-**  
Geometric Patterns  
Triangle Art  
Perspective Drawing  
Mosaic Art:

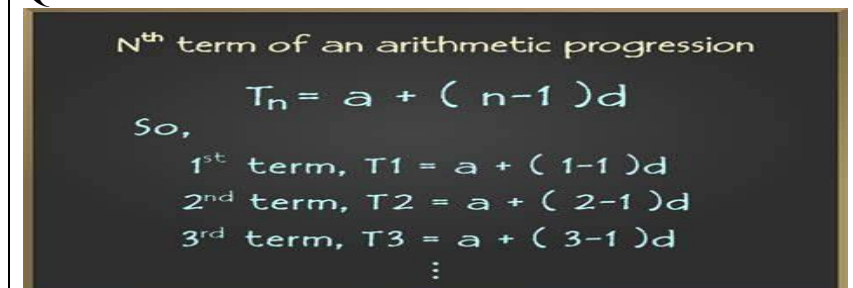
**MI-**  
Verbal-Linguistic  
Logical-Mathematical  
Visual-Spatial



**EL-**  
To verify Experimentally Sum of n terms ( Odd numbers )  
[https://youtu.be/Uy\\_L8tnihDM](https://youtu.be/Uy_L8tnihDM)


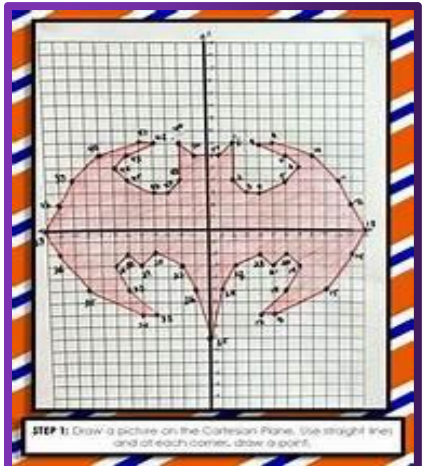
**BL-**  
To verify Experimentally n terms  
<https://youtu.be/AGQ1SuBCQwk>  
[https://youtu.be/8eSUbI\\_aYL4](https://youtu.be/8eSUbI_aYL4)  
<https://youtu.be/4488Wh-69Pg>

Question Practice from R.D.Sharma

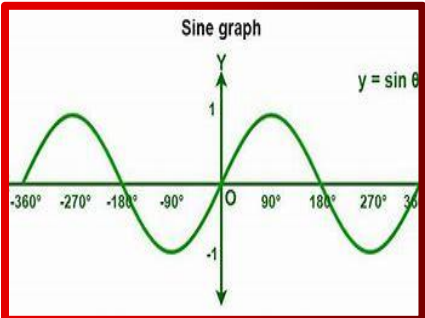


**EL-**  
To verify experimentally Basic Proportionality Theorem

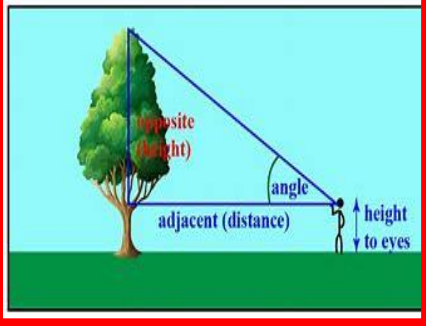



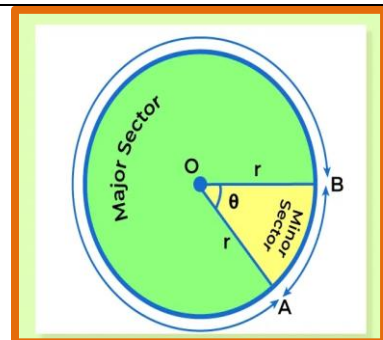
				Intrapersonal  <b>ID-</b> Clear Objectives Lesson Plan Unit Tests Gradual Release	<b>BL-</b> <a href="https://youtu.be/Ly86lwq_2gc">https://youtu.be/Ly86lwq_2gc</a> <a href="https://youtu.be/7aGEvpHaNJ8">https://youtu.be/7aGEvpHaNJ8</a> Question Practice from R.D.Sharma
JUNE	<b>REVISION</b>				
JULY (26 Days)	1 <sup>st</sup> -15 <sup>th</sup> JULY	<p style="text-align: center;"><b>CH: 7</b></p> <p style="text-align: center;"><b>COORDINATE GEOMETRY</b></p>  <p style="text-align: center;"><b>CH:8</b></p>	<ul style="list-style-type: none"> <li>Distance formula</li> <li>Section formula</li> <li><math>AB = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}</math></li> <li><math>\left( \frac{mx_2 + nx_1}{m+n}, \frac{my_2 + ny_1}{m+n} \right)</math></li> <li>Trigonometric Ratios</li> </ul>	<p><b>AI-</b> Geometric Art Mathematical Sculptures Coordinate Geometry in Architecture Graphical Representations</p> <p><b>MI:</b> Spatial Intelligence Logical-Mathematical Intelligence Bodily-Kinesthetic Intelligence Interpersonal Intelligence</p> <p><b>ID-</b> Learning Objectives Scaffolding Units Assessments Technology Integration Real-World Applications Differentiated Instruction</p> <p><b>AI-</b> Trigonometric Art Graphical Representations</p>	<p><b>EL-</b> <b>Video Game Design:</b> Use coordinate geometry to create video games or animations.</p> <p><b>BL-</b> <a href="https://youtu.be/nyZuite17Pc">https://youtu.be/nyZuite17Pc</a> <a href="https://youtu.be/JU39_8exjAA">https://youtu.be/JU39_8exjAA</a> Questions Practice from R.D.Sharma</p> <p><b>EL-</b> To Explore how trigonometry is used in medical imaging techniques, such as MRI and CT scans.</p>



		<p><b>INTRODUCTION TO TRIGONOMETRY</b></p> 	<ul style="list-style-type: none"><li>● Trigonometric Values of Different Angles</li></ul> $\sin A = \frac{\text{Perpendicular}}{\text{hypotenuse}} = \frac{p}{h}$ $\cos A = \frac{\text{Base}}{\text{Hypotenuse}} = \frac{b}{h}$ $\tan A = \frac{\text{Perpendicular}}{\text{Base}} = \frac{p}{b}$ <ul style="list-style-type: none"><li>● Trigonometric identities</li><li>● Trigonometric /Ratios of some specific angles like : <math>0^\circ, 30^\circ, 45^\circ, 60^\circ, 90^\circ</math></li><li>● <math>\cos^2 A + \sin^2 A = 1</math></li><li>● <math>1 + \tan^2 A = \sec^2 A</math></li><li>● <math>\cot^2 A + 1 = \text{cosec}^2 A</math></li></ul>	<p>Mathematical Music Trigonometry in Architecture</p> <p><b>MI:</b> Spatial Intelligence Logical-Mathematical Intelligence Bodily-Kinesthetic Intelligence Interpersonal Intelligence</p> <p><b>ID-</b> Learning Objectives Scaffolding Unit tests Technology Integration Real-World Applications Differentiated Instruction</p>	<p><b>BL-</b></p> <p>To find value of <math>\sec 60^\circ</math> Geometrically</p> <p><a href="https://youtu.be/Jsiy4TxgIME">https://youtu.be/Jsiy4TxgIME</a></p> <p><a href="https://youtu.be/G-T_6hCdMQc">https://youtu.be/G-T_6hCdMQc</a></p> <p><a href="https://youtu.be/o5IuLY3rZlk">https://youtu.be/o5IuLY3rZlk</a></p> <p>Questions Practice from R.D.Sharma</p>
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	<p>16<sup>th</sup>-31 JULY</p>	<p><b>CH:9 APPLICATION OF TRIGONOMETRY (HEIGHT AND DISTANCES)</b></p> 	<ul style="list-style-type: none"> <li>● Height and Distances</li> <li>● Angle of elevation</li> <li>● Angle of depression</li> <li>● To determine the height of an object and distance between the object and observer</li> </ul>	<p><b>AI-</b> Trigonometry in Architecture Navigation and Mapping Medical Imaging Music and Acoustics</p> <p><b>MI:</b> Spatial Intelligence Logical-Mathematical Intelligence Bodily-Kinesthetic Intelligence Interpersonal Intelligence</p> <p><b>ID-</b> Learning Objectives Scaffolding Unit tests Technology Integration Real-World Applications Differentiated Instruction</p>	<p><b>EL-</b> <b>Height and Distance Measurement:</b> Students measure the height of buildings, trees, or other objects using trigonometric concepts.</p> <p><b>BL-</b> making of clinometers</p> <p><a href="https://youtu.be/TgQs7k5p2Ag">https://youtu.be/TgQs7k5p2Ag</a></p> <p>Questions Practice from R.D.Sharma</p>
<p>AUGUST (23 Days)</p>	<p>1<sup>st</sup> -15<sup>th</sup> AUG</p>	<p><b>CH:10 CIRCLES</b></p> 	<ul style="list-style-type: none"> <li>● Related Terms to the Circle</li> <li>● Properties of Chord</li> <li>● Arc and Tangent</li> <li>● Radius always Perpendicular to the Tangent at the Point of contact</li> <li>● Concept of tangent of a circle and its properties</li> </ul>	<p><b>AI-</b> Geometric Patterns Mandalas and Circle Art Circle in Nature Architectural Designs</p> <p><b>MI:</b> Spatial Intelligence Logical-Mathematical Intelligence Bodily-Kinesthetic Intelligence Interpersonal Intelligence</p>	<p><b>EL-</b> Construction of Tangents from the External Point</p> <p><b>BL-</b></p> <p><a href="https://youtu.be/St3MU5i3chc">https://youtu.be/St3MU5i3chc</a></p> <p><a href="https://youtu.be/pJABplruJIU">https://youtu.be/pJABplruJIU</a></p> <p><a href="#">Practicing the questions from R D Sharma</a></p>
	<p>16<sup>th</sup> -30<sup>th</sup> AUG</p>	<p><b>CH:11 AREA RELATED TO CIRCLES</b></p>	<ul style="list-style-type: none"> <li>● Area related to Circles</li> <li>● length of tangent from an external point</li> <li>● Area of sector</li> <li>● Segments of Circles</li> </ul>	<p><b>ID-</b> Learning Objectives Scaffolding Unit tests Technology Integration Real-World Applications Differentiated Instruction</p>	<p><b>EL-</b></p>



- length of tangent from a external point

- Area of a Circle =  $\pi r^2$
- Circumference of a Circle =  $2\pi r$
- Area of the sector of angle  $\theta = \frac{\theta}{360^\circ} \times \pi \times r^2$
- Length of an arc of a sector of angle  $\theta = \frac{\theta}{360^\circ} \times 2\pi r$

**AI-**

Circle Designs  
Mosaic Art  
Geometric Patterns  
Circular Architecture

**MI:**

Spatial Intelligence  
Logical-Mathematical Intelligence  
Bodily-Kinesthetic Intelligence  
Interpersonal Intelligence

**ID-**

Learning Objectives  
Scaffolding  
Unit tests  
Technology Integration  
Real-World Applications  
Differentiated Instruction

**Design a Circular City:** Divide students into groups and ask them to design a circular city, calculating the area and perimeter of different sections.

**BL-**

<https://youtu.be/foRzZ8K1CB4?si=lZPGYhSlq3cWfLZR>

SEPTEMBER  
(23 Days)

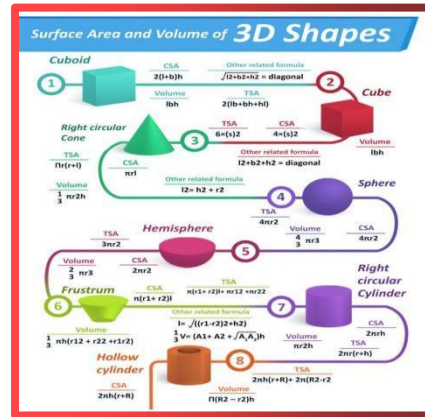
**MID- TERM EXAMINATION**



OCT  
(20 Days)

1<sup>st</sup> -15<sup>th</sup>  
OCT

CH:12  
SURFACE AREA AND  
VOLUMES



- 3Dimensional solids and Combination of solids
- Area of combination of plane figures
- Surface area and volume of combination of solids
- Area of combination of plane figures
- Surface area and volume of combination of solids

**AI-**  
3D Modeling  
Geometric Sculptures  
Architecture and Design  
Mathematical Art

**MI:**  
Spatial Intelligence  
Logical-Mathematical  
Intelligence  
Bodily-Kinesthetic Intelligence  
Interpersonal Intelligence

**ID-**  
Learning Objectives  
Scaffolding  
Unit tests  
Technology Integration  
Real-World Applications  
Differentiated Instruction

**EL-**  
**Design a Theme Park:** Divide students into groups and ask them to design a theme park, calculating the surface area and volume of different attractions.



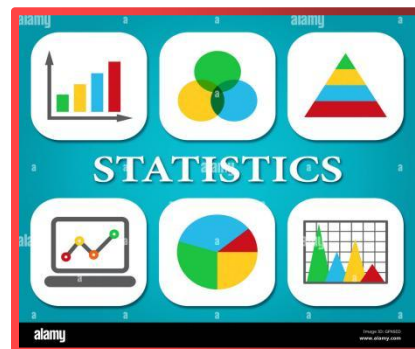
**BL-**  
<https://youtu.be/QDQw66 TeaE>

<https://youtu.be/ViFLPsLT01k>

Questions Practice from R.D.Sharma

16<sup>th</sup> -31<sup>st</sup>  
OCT

CH:13  
STATISTICS



- Mean,
- Median of Grouped Data
- Mode of Grouped Data
- Mean by direct method , assumed mean method, step deviation method


● Median=  $l + \left( \frac{\frac{n}{2} - cf}{f} \right) \times h$

**AI-**  
Data Visualization  
Infographics  
Statistical Storytelling  
Graphic Organizerst

**MI:**  
Spatial Intelligence  
Logical-Mathematical  
Intelligence  
Linguistic Intelligence  
Bodily-Kinesthetic Intelligence

**EL-**



		<p style="text-align: center;"><b>CH:14</b> <b>PROBABILITY</b></p> 	<ul style="list-style-type: none"> <li>● <math>M_o = 1 + \left( \frac{f_1 - f_0}{2f_1 - f_0 - f_2} \right) \times h</math></li> <li>● Cumulative Frequency Graph (Ogive)</li> <li>● Difference between theoretical and experimental probability,</li> <li>● Probability of a sure event,</li> <li>● Probability of impossible event,</li> <li>● Sum of probability of an event</li> </ul>	<p>Interpersonal Intelligence</p> <p><b>ID-</b> Learning Objectives Scaffolding Unit tests Technology Integration Real-World Applications Differentiated Instruction</p> <p><b>AI-</b> Probability Art Visualizing Probability Probability in Real-World Images Game Design</p> <p><b>MI:</b> Spatial Intelligence Logical-Mathematical Intelligence Linguistic Intelligence Bodily-Anesthetic Intelligence Interpersonal Intelligence</p> <p><b>ID-</b> Learning Objectives Scaffolding Unit tests Technology Integration Real-World Applications Differentiated Instruction</p>	<p><b>Environmental Monitoring:</b> Ask students to collect and analyze data related to environmental issues, such as air or water quality.</p> <p><b>BL-</b> <a href="https://youtu.be/YhOX0lk69ec?si=36JK-_4KBS-TQmQC">https://youtu.be/YhOX0lk69ec?si=36JK-_4KBS-TQmQC</a></p> <p><b>EL-</b> <b>Design a Game of Chance:</b> Divide students into groups and ask them to design a game of chance, calculating the probability of different outcomes.</p> <p><b>BL-</b> <a href="https://youtu.be/uzkc-qNVoOk">https://youtu.be/uzkc-qNVoOk</a> <a href="https://youtu.be/tX1cE_K_C-Y">https://youtu.be/tX1cE_K_C-Y</a></p> <p>Questions Practice from R.D.Sharma</p>
<b>Revision &amp; practice sample paper</b>					
<p><b>NOV</b> <b>(22 Days)</b></p> <p><b>DEC</b> <b>(25 Days)</b></p>	<p><b>REVISION, FINAL PRACTICAL EXAM &amp; PROJECT WORK</b></p> <p><b>PRE-BOARD –I</b></p>				



# DELHI PUBLIC SCHOOL DEHRADUN

SYLLABUS BIFURCATION - SESSION 2026-27

<b>JAN (17 Days)</b>	<b>REVISION, FINAL PRACTICAL EXAM &amp; PROJECT WORK</b> <b>PRE-BOARD -II</b>
<b>FEBRUARY (23 Days)</b>	<b>TERM/BOARD EXAMINATION</b>

## Cycle Test and Term Exams Syllabus Details

<b>TEST</b>	<b>SYLLABUS</b>	<b>DATE</b>
CT1	Chapter 1: Real Numbers Chapter 2: Polynomials Chapter 3: Pair Of Linear Equations In Two Variables	DD.MM.YY
CT2	Chapter 4: Quadratic Equations Chapter 5: Arithmetic Progressions Chapter 6: Triangles	DD.MM.YY
Mid Term	Chapter 1: Real Numbers Chapter 2: Polynomials Chapter 3: Pair Of Linear Equations In Two Variables	DD.MM.YY



# DELHI PUBLIC SCHOOL DEHRADUN

SYLLABUS BIFURCATION - SESSION 2026-27

	Chapter 4: Quadratic Equations Chapter 5: Arithmetic Progressions Chapter 6: Triangles Chapter 7: Coordinate Geometry	
PRE BOARD I	The complete syllabus	DD.MM.YY
PRE BOARD II	The complete syllabus	DD.MM.YY
PRE BOARD III	The complete syllabus	DD.MM.YY

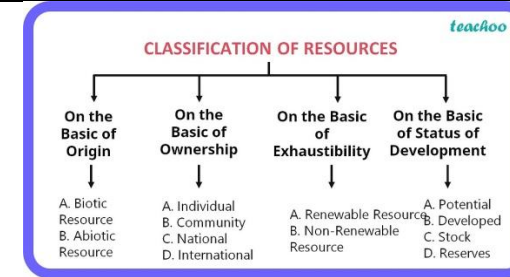




# DELHI PUBLIC SCHOOL DEHRADUN

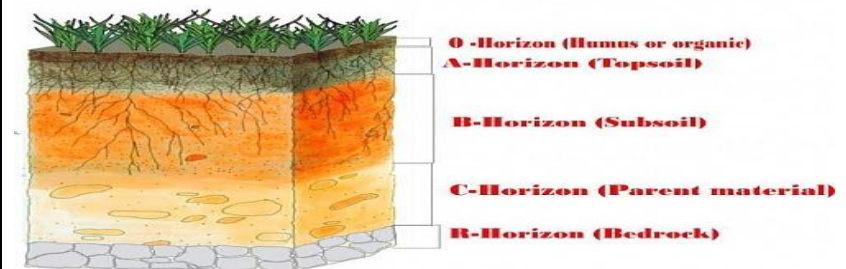
SYLLABUS BIFURCATION - SESSION 2026-27

**ID**-Enumerates how the resources are interdependent, justify how planning is essential in judicious utilization of resources and the need to develop them in India



**BL**- <https://youtu.be/In7fLTYcxm8>

Diagram of Soil profile in chart/Copy.



A power point presentation on Resources.

16<sup>th</sup>-30 APRIL

Economics: Chapter 1 Development

What Development Promises - Different people different goals

- Income and other goals
- National Development
- How to compare different countries or states?
- Income and other criteria
- Public Facilities
- Sustainability of development

Political Science- Chapter 1 Power Sharing

Power Sharing



Case Studies of Belgium and Sri Lanka

- Why power sharing is desirable?

**AI**-- Compare and contrast the per capita income of some countries and explain reasons for the variance.

**MI**- Verbal-Linguistic Interpersonal, Visual- Spatial  
**ID-ENGLISH**

**AI**- Compare and contrast the power sharing of India with Sri Lanka and Belgium.

**MI**-Verbal-Linguistic, Interpersonal, Intrapersonal  
**ID**- Discuss various forms of power-sharing.

**EL** : Children can visit two different areas and talk to people regarding their views on development.

**BL**- <https://youtu.be/D-7FABPXAEI>









**EL** -Children to write their view points on how to solve the problems, if any dispute arises due to lack of power sharing

**BL**- <https://youtu.be/sSAAoGup3CA>



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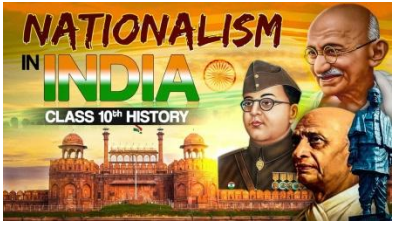

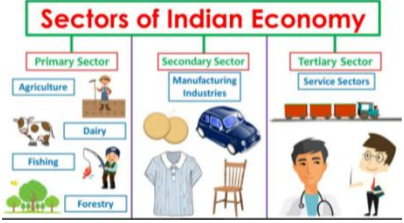
SYLLABUS BIFURCATION - SESSION 2026-27

					<p><b>Majoritarianism</b> The Idea or belief that the majority community should rule the nation in which ever way they want is called majoritarianism.</p> 
<p><b>MAY</b> <b>(25 Days)</b></p>	<p><b>1<sup>st</sup>-15</b> <b>MAY</b></p>	<p><b><u>Geography- Chapter-2</u></b> Forest and Wildlife</p>  <p><b><u>Geography- Chapter-3</u></b> Water Resources.</p>  <p><b>Political Science -Chapter 2</b> <b>Federalism</b></p>	<p>Conservation of forest and wildlife in India • Types and distribution of forests and wildlife resources • Community and Conservation.</p> <p>Water scarcity and the need for the water conservation and management.</p> <p>3. Multi-purpose river projects and integrated water resources management.</p> <p>What is Federalism? What make India a Federal Country?</p>	<p><b>AI-</b> Read newspaper articles/ watch videos on deforestation and need for conservation</p> <p><b>MI-</b> Verbal-Linguistic, Interpersonal, Intrapersonal</p> <p><b>ID-</b> Analyze the role of grazing and wood cutting in the development and degradation</p> <p><b>AI</b> Examine the reasons for conservation of water resource in India. Analyse and infer how the Multipurpose projects are supporting the requirement of water in India.</p> <p><b>MI-</b> Verbal-Linguistic, Interpersonal, Intrapersonal</p> <p><b>ID-</b> Prepare a report to Summarize the roles of Multipurpose projects in supporting the water requirement of India</p> <p><b>AI-</b> Group discussion on the distribution of powers between Union and state Government and</p>	<p><b>EL-</b> Use art integration strategy to summarize and present the reasons for conservation of biodiversity in India under sustainable development.</p>  <p><b>BL-</b> Discuss how developmental works, grazing wood cutting have impacted on the survival forests</p> <p><b>EL</b> -discuss the scarcity of water and present through poster making</p>  <p><b>BL-</b>Map-Work (Major Dams in India.)</p> <p>Write short note on any one Dam with pictures and explain in the classroom.</p>  <p><b>EL-</b> Debate on policies and politics that strengthens Federalism in practice and present through mind map.</p> <p><b>BL-</b>Quiz: Democracy (to be conducted in the class)</p>



# DELHI PUBLIC SCHOOL DEHRADUN



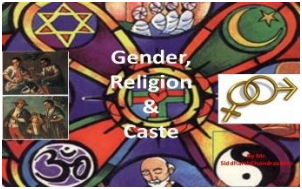
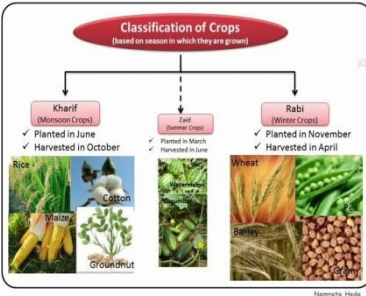
SYLLABUS BIFURCATION - SESSION 2026-27

		 <p><b>FEDERALISM</b></p>	<ul style="list-style-type: none"> <li>• How is Federalism practiced?</li> <li>• Decentralization in India Indian Federalism- How?</li> <li>• <b>Panchayati Raj Institution</b></li> </ul>	<p>present the outcomes through presentations.</p> <p><b>MI-</b> Verbal-Linguistic, Interpersonal, Logical-Mathematical</p> <p><b>ID</b> Preparation article writing on fundamental Constitutional values and identifies their significance for the prosperity of the Indian nation</p>	
<p><b>May (25 Days)</b></p>	<p><b>16 -31<sup>st</sup> MAY</b></p>	<p><b>History- Chapter-2</b></p> <p>Nationalism in India.</p>  <p><b>History- Chapter-2</b></p> <p>Nationalism in India.</p> 	<p>The First World War, Khilafat and Non-Cooperation.</p> <p>2. Differing Strands within the Movement.</p> <p>3. Towards Civil Disobedience.</p> <p>4.The Sense of Collective Belonging.</p>	<p><b>AI-</b> Story telling pedagogy to Illustrate various facets of Nationalistic movements that ushered in the sense of Collective Belonging</p> <p><b>MI- VISUAL- SPATIAL</b></p> <ul style="list-style-type: none"> <li>➤ INTRA-PERSONAL</li> <li>➤ LOGICAL-MATHEMATICAL</li> <li>➤ INTRA PERSONAL</li> </ul> <p><b>ID-</b> Explain the effects of the First World War that triggered the two defining movements (Khilafat &amp; Non Cooperation Movement) in India.</p>	<p><b>EL-</b> Map-Work</p> <p>(Critical thinking)</p> <p><b>2.Sequence chart/ story Board/ Story telling pedagogy to Illustrate various facets of Nationalistic movements that ushered in the sense of Collective Belonging.</b></p>  <p><b>3.Students will examine textual content and other references and Present through PPT.</b></p> <p>Collect information about Rowlatt Act and make collage on it.</p> <p><b>BL-</b> Life story of Mahatma Gandhi</p> <p><a href="https://youtu.be/hpZwCRInrgo">https://youtu.be/hpZwCRInrgo</a></p> 
<p><b>JUNE</b></p>					
<p><b>JULY (26 Days)</b></p>	<p><b>1<sup>st</sup> -15 JULY</b></p>	<p><b>Economics: Chapter 2 Sectors of the Economy</b></p>	<p>Sectors of Economic Activities</p> <ul style="list-style-type: none"> <li>• Comparing the three sectors</li> <li>• Primary, Secondary and Tertiary Sectors in India</li> <li>• Division of sectors as organized and unorganized</li> <li>• Sectors in terms of ownership: Public and Private Sectors</li> </ul>	<p><b>AI-Role</b> plays of case studies explaining underemployment/disguised unemployment.</p> <p><b>MI- VISUAL- SPATIAL</b></p> <ul style="list-style-type: none"> <li>➤ INTRA-PERSONAL</li> <li>➤ LOGICAL-</li> </ul> <p><b>ID-</b> Evaluates the importance of the three sectors of production (primary, secondary, and tertiary) in any country's economy, especially India</p>	<p><b>EL-</b> PPT on Sectors of Economy</p> <ul style="list-style-type: none"> <li>• Collage on various sectors of Indian Economy</li> </ul>  <p><b>Note:</b> Chapter 5 'Consumer Rights' to be done as Project Work.</p>



# DELHI PUBLIC SCHOOL DEHRADUN





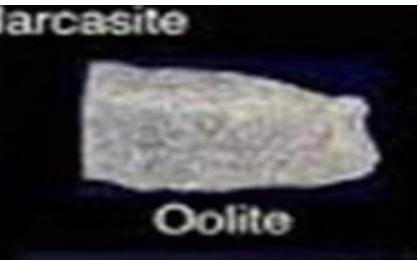
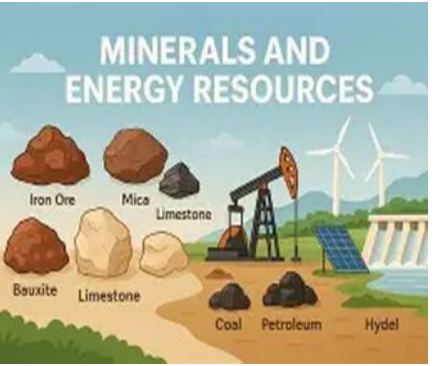
SYLLABUS BIFURCATION - SESSION 2026-27

		<p>History- The Age of Industrialization</p> <p><b>(To be assessed as part of Periodic Assessment only)</b></p>	<p>Meaning of Industrial Revolution</p> <ol style="list-style-type: none"> <li>1. Before the Industrial Revolution.</li> <li>2. Hand Labour and Steam Power.</li> </ol>		<p>EL:1. Compare -18<sup>th</sup> century and 21<sup>st</sup> century-Industries (Discussion)</p> <p>BL:-Industrial Revolution.<a href="https://youtu.be/xLhNP0qp38Q">https://youtu.be/xLhNP0qp38Q</a></p>  <p><a href="https://youtu.be/X41smgNDepo">https://youtu.be/X41smgNDepo</a></p>
	<p><b>16<sup>th</sup>-31 JULY</b></p>	<p><b>Political Science- Chapter 3 Gender, Religion and caste</b></p> <p><b>Geography- Chapter-4- Agriculture.</b></p> 	<p>Gender and Politics</p> <ul style="list-style-type: none"> <li>• Religion, Communalism and Politics</li> <li>• Caste and Politics</li> </ul> <p>Types of farming, -Cropping pattern,</p> <p>Major Crops in India.</p> <p>Technological and Institutional Reforms.</p> <p>Impact of Globalization on Agriculture.</p>	<p><b>AI-</b> Role play to enumerate how the differences in gender, religion and caste impact the practicing healthy or otherwise in a Democracy.</p> <p><b>MI-</b> Verbal-Linguistic, Interpersonal</p> <p><b>ID-</b> Examines the role and differences of Gender, religion and Caste in practicing Democracy in India</p> <p><b>AI-</b> Students can create models of different types of soil, agricultural tools, or pests and diseases. This can be a hands-on way to learn about these topics.</p> <p><b>MI-</b> VISUAL- SPATIAL</p> <p><b>ID-</b></p>	<p><b>EL-</b> Discussion, open ended questions</p>  <p><b>BL-</b> Analyses the different expressions based on these. → differences are healthy or otherwise in a democracy</p> <p><b>EL-</b> Quiz on different types of crops.(Group Activity)</p>  <p>2. CROSS-WORD (Critical thinking)</p> <p><b>BL-</b> <a href="https://youtu.be/YGfCWpgygTk">https://youtu.be/YGfCWpgygTk</a></p>


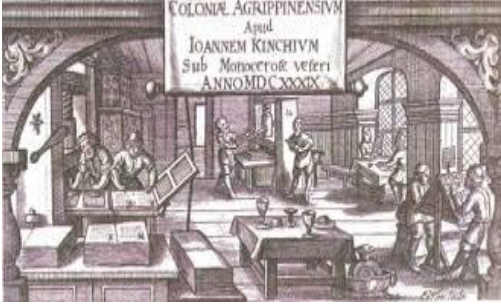


# DELHI PUBLIC SCHOOL DEHRADUN

SYLLABUS BIFURCATION - SESSION 2026-27

		<p>History- The Making of a Global World. <b>(To be evaluated in the Board Examination Subtopics: 1 to 1.3 Pre Modern World to Conquest, Disease and trade)</b></p> 	<p>The Pre-modern world</p> <ul style="list-style-type: none"> <li>• The Nineteenth Century (1815-1914)</li> </ul> <p>Show that globalization has a long history and point to the shifts within the process. •Analyze the implication of globalization for local economies.</p>	<p><b>AI</b>-Traces the beginning and importance of largescale trade and commerce (including ecommerce) between one country and another – the key items of trade in the beginning, and the changes from time to time.</p> <p><b>MI</b> -Verbal-Linguistic, Interpersonal</p>	
<p><b>AUG (23 Days)</b></p>	<p><b>1<sup>st</sup> -15 AUG</b></p>	<p><b>Geography- Chapter-5- Minerals and Energy Resources</b></p> <p><b>MINERAL &amp; ENERGY RESOURCES</b></p> 	<p>Introduction.</p> <ol style="list-style-type: none"> <li>2. Mode of occurrence of minerals.</li> <li>3. Classification of minerals.</li> </ol> <p>Conservation of Minerals</p> <ol style="list-style-type: none"> <li>5. Energy Resources</li> <li>6. Conservation of Energy Resources.</li> </ol>	<p><b>AI</b>- Use of flow chart to Differentiate between the conventional and nonconventional sources of energy</p> <p><b>MI</b>- Verbal-Linguistic, Interpersonal</p> <p><b>ID</b>- Analyses the importance of minerals and natural resources for economic development of the country. Suggests strategies for sustainable use of natural resources</p>	<p><b>EL</b>- Map-Work (Locate and Labelling)</p>  <p>Collect the pictures of different types of minerals and write about its importance</p> <p>In your life</p> <p><b>BL</b>-<a href="https://youtu.be/5i-B5K8ZGKU">https://youtu.be/5i-B5K8ZGKU</a></p>  



		<p><b>Economics: Chapter 3 Money and Credit</b></p>  <p>History- Print Culture and the Modern World</p>	<p>Money as a medium of exchange</p> <ul style="list-style-type: none"> <li>• Modern forms of money</li> <li>• Loan activities of Banks</li> <li>• Two different credit situations</li> <li>• Terms of credit</li> <li>• Formal sector credit in India</li> <li>• Self Help Groups for the Poor</li> </ul> <ol style="list-style-type: none"> <li>1. The First Printed Books.</li> <li>2. Print comes to Europe.</li> <li>3. The Print Revolution and its Impact.</li> <li>4. The reading Mania</li> <li>5. The Nineteenth century</li> <li>6. India and the world Print.</li> <li>7. Religious Reform and Public Debates.</li> <li>8. New Forms of Publication.</li> <li>9. Print and Censorship.</li> </ol>	<p><b>AI</b> Enumerate how money plays as a medium exchange in all transactions of goods and services since ancient times to the present times</p> <p><b>MI</b>- Verbal-Linguistic, Interpersonal, Visual- Spatial</p> <p><b>AI</b>- Analyze the impact of print culture on various aspects of modern life, including literature, religion, science, politics, and social reform.  <b>Art/Design:</b> Visual aspects of print culture (typography, illustrations, posters).  <b>MI</b>-Verbal-Linguistic, Intrapersonal  <b>ID</b> -Interpret and infer from pictures, cartoons, extracts from propaganda literature on important events and issues with focus on print culture.</p>	<p><b>EL</b>- Case study</p> <p><b>BL:</b><a href="https://youtu.be/dix8-cltvY">https://youtu.be/dix8-cltvY</a></p> <p><b>EL: 1.</b> Debate on Print Culture-          “Importance of print culture in today’s life”.</p>  <p><b>2. Project-Work:</b>  <b>(Any one)</b></p> <ol style="list-style-type: none"> <li>a. Consumer Awareness.</li> <li>b. Social Issues.</li> <li>c. Sustainable Development</li> </ol> <p><b>BL-</b> <a href="https://youtu.be/fjONqWIym58">https://youtu.be/fjONqWIym58</a></p>
<p>16<sup>th</sup> -30 AUG</p>		<p><b>Political Science- Chapter 4 Political parties</b></p>		<p><b>AI- (History):</b> Forms of government, electoral systems, historical</p>	<p><b>EL</b> Use flow chart to bring out the role, purpose and no. of Political Parties. → Read newspapers, watches video clippings to justify the contributions /non contributions made by</p>





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		<p><b>Only map pointing to be evaluated in the Board Examination</b></p>	<p>Border Roads, Road Density).</p> <ul style="list-style-type: none"> <li>• Railways.</li> <li>• Pipelines.</li> <li>• Waterways.</li> <li>• Major Sea Ports.</li> <li>• Airways.</li> <li>• Different means of communication.</li> <li>• International Trade.</li> <li>• Tourism as a Trade.</li> </ul>	<p><b>MI-</b> Verbal-Linguistic, Interpersonal, Visual- Spatial <b>Interdisciplinary project as part of multiple assessment.</b></p>	<p><b>BL-</b>(Project-Work)</p> <p>“Give an account on different means of communication with pictures.”</p>
		<p><b>Economics: Chapter 4 Globalization and the Indian Economy</b></p> <p style="color: red;"><b>To be evaluated in the Board Examination • What is Globalization? • Factors that have enabled Globalization</b></p>	<p>Production across countries</p> <ul style="list-style-type: none"> <li>• Interlinking production across countries</li> <li>• Foreign Trade and integration of markets</li> <li>• What is globalization?</li> <li>• Factors that have enabled Globalisation</li> <li>• World Trade Organisation</li> <li>• Impact of Globalization on India</li> <li>• The Struggle for a fair Globalization</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Production across the countries</b></li> <li>• <b>Chinese toys in India</b></li> <li>• <b>World Trade Organization</b></li> <li>• <b>The Struggle for a Fair Globalization</b></li> </ul>	<p>EL: Graphic representation on globalization and its effects</p> <p>BL:<a href="https://youtu.be/wTXQMk98iy0">https://youtu.be/wTXQMk98iy0</a></p>
	16 <sup>th</sup> -30 <sup>th</sup> OCT	REVISION		AI- MI- ID-	EL- BL-
NOV (22 Days)	1 <sup>st</sup> -15 <sup>th</sup> NOV	REVISION		AI- MI- ID-	EL- BL-
	16 <sup>th</sup> -30 NOV	REVISION		AI- MI- ID-	EL- BL-
DEC (25 Days)	1 <sup>st</sup> -15 DEC	REVISION		AI- MI- ID-	EL- BL-
	16 <sup>th</sup> -31 <sup>st</sup> DEC	REVISION		AI- MI- ID-	EL- BL-





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<b>JAN</b> (17 Days)	1 <sup>st</sup> -15 <sup>th</sup> JAN	REVISION	AI- MI- ID-	EL- BL-
	16 <sup>th</sup> -31 <sup>st</sup> JAN	REVISION	AI- MI- ID-	EL- BL-
<b>FEB</b> (23 Days)	1 <sup>st</sup> 2 <sup>nd</sup>	<b>REVISION, Final Practical Exam &amp; PROJECT WORK</b>		
<b>MAR</b> (17)	1 <sup>st</sup> 2 <sup>nd</sup>	<b>TERM EXAMINATION</b>		

## Cycle Test and Term Exams Syllabus Details

TEST	SYLLABUS	DATE
CT1	<b>GEOG CH-1. RESOURCES AND DEVELOPMENT.</b>  <b>ECO CH-1. DEVELOPMENT</b>  <b>POLSC CH-1. POWER SHARING</b>	DD.MM.YY
CT2	<b>HIST CH-1. NATIONALISM IN EUROPE</b>  <b>POLSC CH-2. FEDERALISM</b>  <b>GEOG CH-2. FOREST AND WILD LIFE RESOURCES</b>	DD.MM.YY
Mid Term	<u><b>HISTORY</b></u>  <b>CH-1. NATIONALISM IN EUROPE</b>  <b>CH-2. NATIONALISM IN INDIA</b>  <b>CH-3. THE MAKING OF THE GLOBAL WORLD UP TO [1.3]</b>  <b>MAPWORK- NATIONALISM IN INDIA</b>  <u><b>GEOGRAPHY</b></u>	DD.MM.YY



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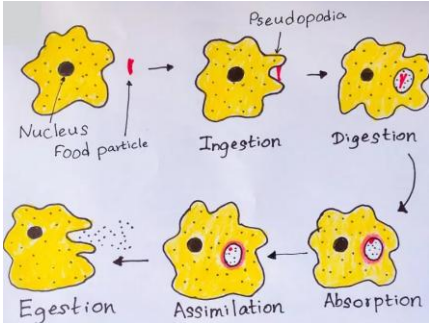
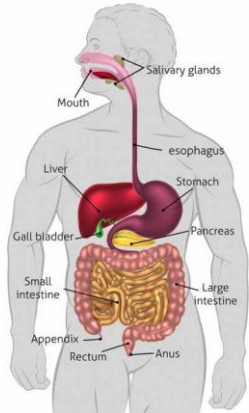

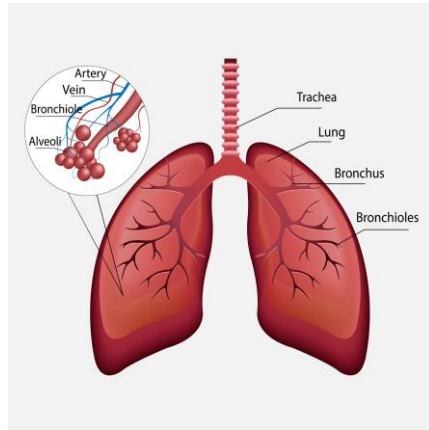
	<p><b>CH-1. RESOURCES AND DEVELOPMENT.</b></p> <p><b>CH-2. FOREST AND WILD LIFE RESOURCES.</b></p> <p><b>CH-3. WATER.</b></p> <p><b>CH-4. AGRICULTURE.</b></p> <p><b>MAP WORK- ALL CHAPTERS [chapter 1 to 4]</b></p> <p><b><u>POLSCIENCE</u></b></p> <p><b>CH-1. POWER SHARING</b></p> <p><b>CH-2. FEDERALISM</b></p> <p><b>CH-3. GENDER AND RELIGION.</b></p> <p><b><u>ECONOMICS</u></b></p> <p><b>CH-1. DEVELOPMENT</b></p> <p><b>CH-2. SECTOR OF INDIAN ECONOMY            CH-3. MONEY AND CREDIT.</b></p>	
<b>CT3</b>		DD.MM.YY
<b>CT4</b>		DD.MM.YY
<b>Final Term</b>		DD.MM.YY



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SYLLABUS BIFURCATION - SESSION 2026-27

CLASS: X SUBJECT- **BIOLOGY**

MONTH	FORTNIGHT	TOPIC	CONTENT	INTEGRATED APPROACH	EXPERIENTIAL & BLENDED LEARNING
APRIL (23 Days)	1 <sup>st</sup> -15 <sup>th</sup> APRIL	<b>Ch. 5 : LIFE PROCESSES</b> 	<ol style="list-style-type: none"> <li>1. What are Life processes? Characteristics of living beings</li> <li>2. Mode of Nutrition: Autotrophic Vs heterotrophic</li> <li>3. Photosynthesis and factors affecting it</li> <li>4. Nutrition in <i>Amoeba</i> &amp; human beings.</li> <li>5. Process of digestion</li> </ol>	<p><b>AI-</b> Diagrammatic representation and explanation of photosynthesis in plants, nutrition in <i>Amoeba</i> and human digestive system.</p> <p><b>MI-</b> Verbal Linguistic, logical, Bodily-kinesthetic, Naturalistic</p> <p><b>ID-</b> life sciences, Anatomy</p>	<p><b>EL-:</b> To demonstrate the structure of the human digestive system by model/chart..</p>  <p>Hands on experiment - Preparing a temporary mount of a leaf peel to show stomata .</p>  <p><b>BL-</b> <a href="#">GCSE Biology - Photosynthesis #48</a></p>
	16 <sup>th</sup> -30 APRIL	<b>Ch. 5 : LIFE PROCESSES</b> 	<ol style="list-style-type: none"> <li>1. Breathing Vs Respiration.</li> <li>2. Exchange of gases in aquatic and terrestrial organisms</li> <li>3. Respiratory system in human being</li> <li>4. Mechanism of breathing</li> <li>5. Exchange of gases in plants</li> </ol>	<p><b>AI-</b> Diagrammatic representation of human respiratory system and stomata in plants.</p> <p><b>MI-</b> Verbal-Linguistic, visual-spatial, logical, bodily-kinesthetic</p> <p><b>ID-</b> chemistry</p>	<p><b>EL:</b> Differentiate between external and internal respiration.</p> <p>EL- Activity to show that carbon dioxide is given out during respiration</p>  <p><b>BL-</b> <a href="#">MECHANISM OF BREATHING PART 01</a></p>

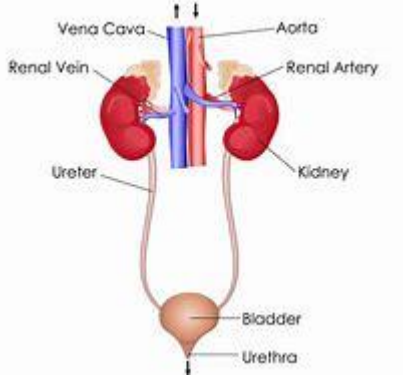
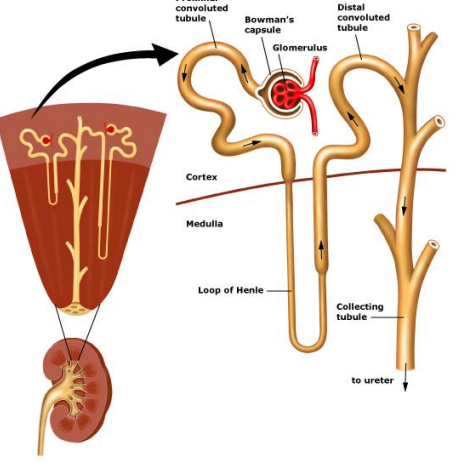
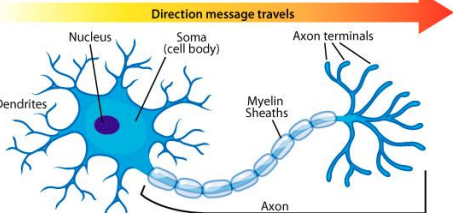


MAY (25 Days)	1 <sup>st</sup> -15 MAY	<p><b>Ch. 5 : LIFE PROCESSES</b></p> <p>Water lost from leaf surface by transpiration</p> <p>Water travels through the plants</p> <p>Water absorbed by root hairs</p>	<ol style="list-style-type: none"> <li>1. Components of circulatory system</li> <li>2. Structure of heart</li> <li>3. Blood vessels</li> <li>4. Flow of blood</li> <li>5. Double circulatory system</li> <li>6. Transportation in plants</li> </ol>	<p><b>AI-</b> Diagrammatic representation of human heart.</p> <p><b>MI-</b> Visual- Spatial, interpersonal, logical</p> <p><b>ID-</b> Physiology</p>	<p><b>EL-</b> Demonstration of double circulation with the help of a chart/ model.</p> <p><b>BL-</b> <a href="https://youtu.be/zUam38Zk-6Q">https://youtu.be/zUam38Zk-6Q</a></p> <p><a href="#">Human Circulatory System</a></p>
	15 <sup>th</sup> – 31 MAY	<p><b>Ch. 5 : LIFE PROCESSES</b></p>	<ol style="list-style-type: none"> <li>1. Excretory products</li> <li>2. Structure of Nephron</li> <li>3. Human excretory system</li> <li>4. Formation of urine</li> <li>5. Excretion in plants</li> </ol>	<p><b>AI-</b> Diagrammatic representation of human excretory system and nephron.</p> <p><b>MI-</b> Verbal-Linguistic, visual-spatial, logical</p> <p><b>ID-</b> Human Physiology</p>	<p><b>EL-</b> Demonstration of ultrafiltration with the help of chart.</p>



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				 <p>Critical thinking- differentiate between working of kidney and artificial kidney.</p> <p><b>BL-</b> <a href="#">How Your Kidneys Work</a></p>
<p><b>JUNE</b></p>	<p><b>REVISION and Activities</b></p> <p><b>(if any class)</b></p>			
<p><b>JULY</b> <b>(26 Days)</b></p>	<p><b>1<sup>st</sup> -15 JULY</b></p>	<p><b>Ch.6: CONTROL AND COORDINATION IN ANIMALS AND PLANTS</b></p>	<ol style="list-style-type: none"> <li>1. Structure and types of neuron</li> <li>2. Types of nervous system</li> <li>3. Structure and function of Brain and spinal cord</li> <li>4. Reflex action</li> <li>5. Location &amp; functions of endocrine glands in human body</li> <li>6. Tropic movements in plants and Introduction of plant hormones</li> </ol>	<p><b>AI-</b> Diagrammatic representation of brain and reflex action</p> <p><b>MI-</b> Verbal- linguistic, Visual- spatial, logical</p> <p><b>ID-</b> Animal and Plant physiology</p> <p><b>EL-</b> Explanation of neuron's structure using charts/ model.</p>  <p>Individual study- students will make a comparative chart to show location, functions and abnormalities due to over/under secretion of respective hormones.</p> <p><b>BL-</b> <a href="#">Major plant hormones (&amp; how to remember)   Control &amp; Coordination   Biology   Khan Academy</a></p>
	<p><b>16<sup>th</sup>-31 JULY</b></p>	<p><b>Ch. 7: HOW DO ORGANISMS REPRODUCE?</b></p>	<ol style="list-style-type: none"> <li>1. Sexual Vs asexual reproduction</li> <li>2. Types of asexual reproduction: binary fission, budding, fragmentation, spore formation, regeneration</li> </ol>	<p><b>AI-</b> Diagrammatic representation of modes of asexual reproduction.</p> <p><b>MI-</b> Visual- linguistic, Visual- spatial, logical</p> <p><b>ID-</b> Life sciences</p> <p><b>EL-</b> Using a microscope: Studying (a) binary fission in <i>Amoeba</i>, and (b) budding in yeast and Hydra with the help of prepared slides.</p> <p>Demonstration of flowers to show its parts.</p>



			<ol style="list-style-type: none"> <li>Importance of sexual reproduction.</li> <li>Reproduction in flowering plant</li> </ol>		<p>Hands on experiment- Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).</p> <p><b>BL- Asexual Reproduction</b>  <a href="#">Sexual reproduction in #flowering plants ncert class 10 :How do organisms reproduce : CBSE: Biology</a></p>
<p><b>AUG (23 Days)</b></p>	<p><b>1<sup>st</sup> -15 AUG</b></p>	<p><b>Ch. 7: HOW DO ORGANISMS REPRODUCE?</b></p>	<ol style="list-style-type: none"> <li>Human reproductive system - Male and female.</li> <li>Reproductive health</li> </ol>	<p><b>AI-</b> Diagrammatic representation of male and female reproductive systems..</p> <p><b>MI-</b> Visual- linguistic, Visual- spatial, logical, bodily kinesthetic</p> <p><b>ID-</b> Human physiology</p>	<p><b>EL-</b> Demonstration of sexual diseases and their causal organisms with the help of a chart.</p> <p><b>BL-</b> <a href="https://youtu.be/oxg0K1BuPoo?si=n-5-pgsQlfcVVpnm">https://youtu.be/oxg0K1BuPoo?si=n-5-pgsQlfcVVpnm</a>  <a href="#">How Do Organisms Reproduce (Animation) PART-6   CBSE Class 10 Biology Chapter 7   NCERT</a></p>
	<p><b>16<sup>th</sup> -31<sup>st</sup> AUG</b></p>	<p><b>Ch.8: HEREDITY</b></p>	<ol style="list-style-type: none"> <li>Mendel and His Work on Inheritance</li> <li>Monohybrid cross</li> <li>Dihybrid cross</li> <li>Sex determination</li> </ol>	<p><b>AI-</b> chart for comparative study of Mendel's characters.</p> <p><b>MI-</b> Visual- linguistic, Visual- spatial, logical, pictorial representation</p> <p><b>ID-</b> Mathematics</p>	<p><b>EL-</b> To set relation between cell, nucleus, chromosome, DNA, gene ,allele, character and traits.</p>



# DELHI PUBLIC SCHOOL DEHRADUN


SYLLABUS BIFURCATION - SESSION 2026-27

					<table border="1"> <thead> <tr> <th colspan="7">Pea Plant Traits</th> </tr> <tr> <th>Seed Shape</th> <th>Seed Color</th> <th>Pod Shape</th> <th>Pod Color</th> <th>Flower Color</th> <th>Flower Location</th> <th>Plant Size</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Problem solving-problems will be given based on mono and dihybrid cross.</p> <p><b>BL- <a href="#">Monohybrid Cross Explained</a></b> <b><a href="#">Dihybrid Genetic Cross</a></b></p>	Pea Plant Traits							Seed Shape	Seed Color	Pod Shape	Pod Color	Flower Color	Flower Location	Plant Size														
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Seed Shape	Seed Color	Pod Shape	Pod Color	Flower Color	Flower Location	Plant Size																											
SEPT (23)	1 <sup>st</sup>	<b>MID- TERM EXAMINATION</b>																															
	2 <sup>nd</sup>																																
OCT (20 Days)	1 <sup>st</sup> -15 <sup>th</sup> OCT	Ch.13: OUR ENVIRONMENT	<ol style="list-style-type: none"> <li>Components of ecosystem</li> <li>Food chain &amp; food web</li> <li>10% energy law</li> <li>Biomagnification</li> </ol>	<p><b>AI-</b> Graphical representation of ,pyramids and trophic levels.</p> <p><b>MI-</b> Visual- linguistic, Visual- spatial, logical, interpersonal, naturalistic</p> <p><b>ID-</b> Ecology</p>	<p><b>EL-</b> To study network of food chains</p> <p><b>BL- <a href="#">Ten Percent Law</a></b> <b><a href="#">Biomagnification</a></b></p>																												
	16 <sup>th</sup> -31 <sup>st</sup> OCT	Ch.13: OUR ENVIRONMENT	<ol style="list-style-type: none"> <li>Global warming</li> <li>Ozone depletion</li> <li>Garbage Disposal</li> </ol>	<p><b>AI-</b> Slide preparation on <b>ozone depletion and global warming</b></p> <p><b>MI-</b> Visual- linguistic, Visual- spatial, logical, pictorial representation, naturalistic.</p> <p><b>ID-</b> Ecology</p>	<p><b>EL-</b> Chart preparation to demonstrate the ways to reduce waste and garbage disposal.</p> <p><b>REDUCE REUSE RECYCLE</b></p>																												



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					<a href="#">BL- What Is The Ozone Layer?   Ozone Layer Depletion   Class 12 Biology   Extraclass.com</a>
NOV (22 Days)	1 <sup>st</sup> -15 <sup>th</sup> NOV	REVISION			
	16 <sup>th</sup> -30 NOV				
DEC (25 Days)	1 <sup>st</sup> -15 DEC	PRE BOARD 1			
	16 <sup>th</sup> -31 <sup>st</sup> DEC				
JAN (17 Days)	1 <sup>st</sup> -15 <sup>th</sup> JAN	PRE BOARD 2			
	16 <sup>th</sup> -31 <sup>st</sup> JAN				
FEB (23 Days)	1 <sup>st</sup>	INTERNAL ASSESSMENT			
	2 <sup>nd</sup>				
MAR (17)	1 <sup>st</sup>	FINAL BOARD EXAM			
	2 <sup>nd</sup>				

## Cycle Test and Term Exams Syllabus Details

TEST	SYLLABUS	DATE
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# DELHI PUBLIC SCHOOL DEHRADUN

SYLLABUS BIFURCATION - SESSION 2026-27

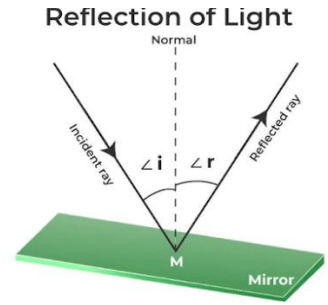
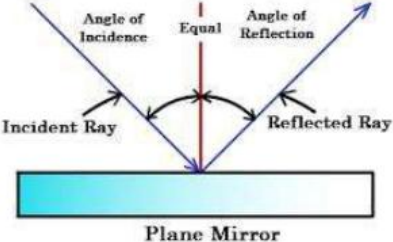
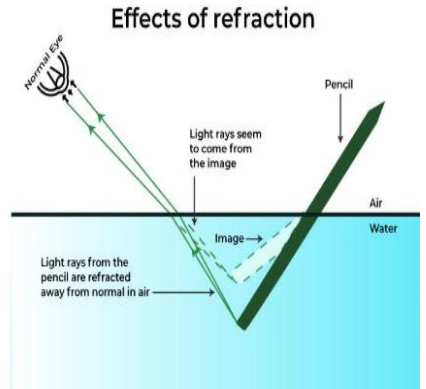
<b>CT1</b>	Ch-5	DD.MM.YY
<b>CT2</b>	Ch-6	DD.MM.YY
<b>Mid Term</b>	Ch- 5, 6, 7	DD.MM.YY
<b>PRE BOARD 1</b>	WHOLE SYLLABUS	DD.MM.YY
<b>PRE BOARD 2</b>	WHOLE SYLLABUS	DD.MM.YY
<b>Final Board Exam</b>	WHOLE SYLLABUS	DD.MM.YY



# DELHI PUBLIC SCHOOL DEHRADUN

SYLLABUS BIFURCATION - SESSION 2026-27

CLASS: X SUBJECT-PHYSICS

MONTH	FORTNIGHT	TOPIC	CONTENT	INTEGRATED APPROACH	EXPERIENTIAL & BLENDED LEARNING
APRIL (23)	1 <sup>st</sup> -15 <sup>th</sup> APRIL	CH. 1: LIGHT REFLECTION 	Reflection of light at curved surfaces, center of curvature, principal axis, principal focus, focal length. Images formed by spherical mirrors.	<b>AI-</b> Discussion on AI-based optical technology <b>MI-</b> Logical-Mathematical, Visual-Spatial <b>ID-</b> Mathematics, Art	<b>EL-</b> Activity: Describe an activity to show that the outer curved surface of the spoon acts as a convex mirror. Describe an activity to show that the apparent depth of a coin at the bottom of a bucket filled with water is less than the real depth of the coin in the water. <b>BL-</b> <a href="https://www.youtube.com/watch?v=e18AUeZaljw">https://www.youtube.com/watch?v=e18AUeZaljw</a>
	16 <sup>th</sup> -30 APRIL	REFLECTION OF LIGHT 	Mirror formula, Magnification. convergence or divergence of light.	<b>AI-</b> Applications in automobile rear-view mirrors for blind-spot detection. <b>MI-</b> Bodily-Kinesthetic, Logical-Mathematical, Visual-Spatial <b>ID-</b> Mathematics, Art & Design, Technology.	<b>EL:</b> Performing a mirror activity to verify the laws of reflection. Creating a periscope using household materials. Using laser pointers and mirrors to demonstrate predictable reflection paths. <b>BL-</b> <a href="https://www.youtube.com/watch?v=skGmQC87Bvg">https://www.youtube.com/watch?v=skGmQC87Bvg</a> <a href="https://www.youtube.com/watch?v=A4jseVHjI_4&amp;t=135s">https://www.youtube.com/watch?v=A4jseVHjI_4&amp;t=135s</a>
MAY (25 Days)	1 <sup>st</sup> -15 MAY	REFRACTION OF LIGHT 	Refraction; laws of refraction, refractive index. Refraction of light by spherical lenses, image formed by spherical lenses, lens formula, Magnification. Power of a lens.	<b>AI-</b> Optical lenses and imaging <b>MI-</b> Bodily-Kinesthetic, Logical-Mathematical <b>ID-</b> Mathematics, Biology	<b>EL :</b> Determination of focal length of concave mirror and convex lens. Tracing path of ray of light passing through a Glass slab Tracing path of ray of light passing through a Glass Prism <b>BL-</b> <a href="https://www.youtube.com/watch?v=0xbbfJB69_c&amp;t=241s">https://www.youtube.com/watch?v=0xbbfJB69_c&amp;t=241s</a>
JUNE	<b>REVISION</b>				
JULY (26 Days)	1 <sup>st</sup> -15 JULY	CH. 2: HUMAN EYE & COLORFUL WORLD	Functioning of a lens in human eye, Accommodation of	<b>AI-</b> AI in vision correction (Smart Glasses)	<b>EL-</b> Describe an activity to show that a glass prism splits colors of white light passing through it and does not produce any color by itself. Model of human eye

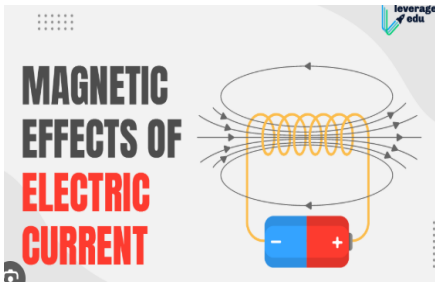
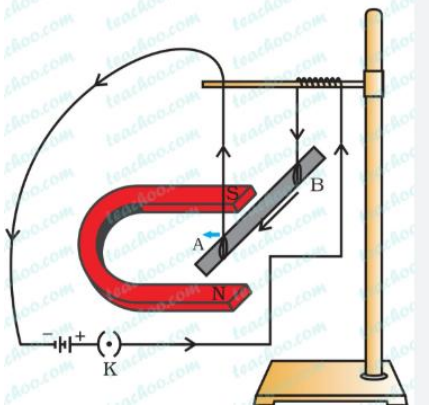


			<p>an eye. Defects of vision and their corrections</p>	<p><b>MI-</b> Interpersonal, Logical-Mathematical</p> <p><b>ID-</b> Biology, Optometry</p>	<p><b>BL-</b> <a href="https://phet.colorado.edu/sims/html/bending-light/latest/bending-light_en.html">https://phet.colorado.edu/sims/html/bending-light/latest/bending-light_en.html</a></p>
	16 <sup>th</sup> -31 JULY	<p><b>HUMAN EYE &amp; COLORFUL WORLD (CONTINUATION)</b></p>	<p>Applications for spherical mirrors and lenses. Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life.</p>	<p><b>AI-</b> prism-based augmented reality (AR) displays.</p> <p><b>MI-</b> Interpersonal, Logical-Mathematical, Bodily-Kinesthetic.</p> <p><b>ID-</b> Physics &amp; Optics, Biology, Geography</p>	<p><b>EL-</b> Performing a prism experiment to split white light into its spectrum.</p> <p><b>BL-</b> <a href="https://www.youtube.com/watch?v=tASpJapHfkE">https://www.youtube.com/watch?v=tASpJapHfkE</a> <a href="https://www.youtube.com/watch?v=wJ-W4tHHh40">https://www.youtube.com/watch?v=wJ-W4tHHh40</a></p>
AUG (23 Days)	1 <sup>st</sup> -15 AUG	<p><b>CH. 3: ELECTRICITY</b></p>	<p>Electric current, potential difference and electric current. Ohm's law: resistance, resistivity, Factors on which the resistance of a conductor depends. Resistivity or specific resistance, Definition of resistivity or specific resistance Series combination of resistors, parallel combination of resistors and its applications in daily life.</p>	<p><b>AI-</b> AI-based smart grids</p> <p><b>MI-</b> Logical-Mathematical</p> <p><b>ID-</b> Chemistry, Mathematics</p>	<p><b>EL-</b> Measuring resistance using a multimeter, verify Ohm's law.</p> <p><b>BL-</b> <a href="https://phet.colorado.edu/sims/html/ohms-law/latest/ohms-law_en.html">https://phet.colorado.edu/sims/html/ohms-law/latest/ohms-law_en.html</a> <a href="https://phet.colorado.edu/sims/html/resistance-in-a-wire/latest/resistance-in-a-wire_en.html">https://phet.colorado.edu/sims/html/resistance-in-a-wire/latest/resistance-in-a-wire_en.html</a> <a href="https://www.youtube.com/watch?v=TBv0toJUK6E">https://www.youtube.com/watch?v=TBv0toJUK6E</a></p>
	16 <sup>th</sup> -30 AUG	<p><b>ELECTRIC POWER, HEATING EFFECT</b></p>	<p>Power, Joule's Law of Heating, Applications</p>	<p><b>AI-</b> Energy efficiency</p> <p><b>MI-</b> Logical-Mathematical, Bodily-Kinesthetic</p> <p><b>ID-</b> Environmental Science</p>	<p><b>EL-</b> Heating effects experiment with different materials.</p> <p><b>BL-</b> <a href="https://www.youtube.com/watch?v=UGcV1-46lo0">https://www.youtube.com/watch?v=UGcV1-46lo0</a> <a href="https://www.youtube.com/watch?v=RI-txcPSRR4">https://www.youtube.com/watch?v=RI-txcPSRR4</a> <a href="https://www.youtube.com/watch?v=A6Odho64-Jk">https://www.youtube.com/watch?v=A6Odho64-Jk</a></p>
SEPT	1 <sup>st</sup>				



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SYLLABUS BIFURCATION - SESSION 2026-27

(23)	2 <sup>nd</sup>	<b>MID- TERM EXAMINATION</b>			
OCT (20 Days)	1 <sup>st</sup> -15 <sup>th</sup> OCT	<b>CH. 4: MAGNETIC EFFECTS OF ELECTRIC CURRENT</b>  	Magnetic field, field lines, field due to a current carrying conductor. field due to a current carrying coil or solenoid; Force on current carrying conductor	<b>AI-</b> Electromagnetism  <b>MI-</b> Bodily-Kinesthetic, Logical-Mathematical  <b>ID-</b> Engineering	<b>EL-</b> Describe an activity to plot a magnetic field line outside a bar magnet from one pole to another pole. <b>Demonstration of electromagnets using wires &amp; batteries.</b> <b>BL-</b> <a href="https://phet.colorado.edu/sims/cheerj/faraday/latest/faraday.html?simulation=magnets-and-electromagnets">https://phet.colorado.edu/sims/cheerj/faraday/latest/faraday.html?simulation=magnets-and-electromagnets</a>
	16 <sup>th</sup> -30 <sup>th</sup> OCT	<b>FORCE ON CURRENT-CARRYING CONDUCTOR</b>  	Fleming's Left-Hand Rule, Electric Motors Fleming's right-hand rule, Direct current. Alternating current; frequency of AC. Advantage of AC over DC. Domestic electric circuits.	<b>AI-</b> AI IN ELECTRIC VEHICLES  <b>MI-</b> LOGICAL-MATHEMATICAL, VISUAL-SPATIAL  <b>ID-</b> ROBOTICS, ENGINEERING	<b>EL-</b> Building a simple motor  <b>BL-</b> <a href="https://www.youtube.com/watch?v=CWulQ1ZSE3c&amp;t=54s">https://www.youtube.com/watch?v=CWulQ1ZSE3c&amp;t=54s</a> <a href="https://www.youtube.com/watch?v=HTTA30sEv6o">https://www.youtube.com/watch?v=HTTA30sEv6o</a> <a href="https://www.youtube.com/watch?v=8li1Vp8vLaI">https://www.youtube.com/watch?v=8li1Vp8vLaI</a>
NOV (22 Days)	1 <sup>st</sup> -15 <sup>th</sup> NOV			PRE-BOARD I	
	16 <sup>th</sup> -30 NOV			PRE-BOARD I	
DEC (25 Days)	1 <sup>st</sup> -15 DEC	PRACTICAL & PROJECT WORK		PRE-BOARD II	
	16 <sup>th</sup> -31 <sup>st</sup> DEC	REVISION & PRE-BOARD EXAM		PRE-BOARD II	
JAN (17 Days)	1 <sup>st</sup> -15 <sup>th</sup> JAN	FINAL TERM PREPARATION		PRACTICALS	
	16 <sup>th</sup> -31 <sup>st</sup> JAN	FINAL PRACTICAL EXAM & PROJECT SUBMISSION		PRACTICALS	
FEB	1 <sup>st</sup>				



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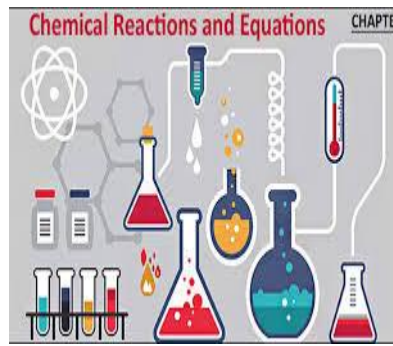
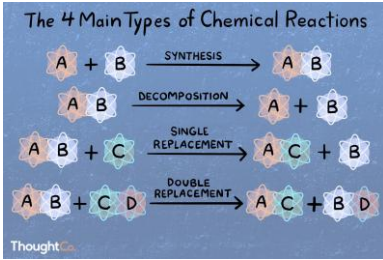
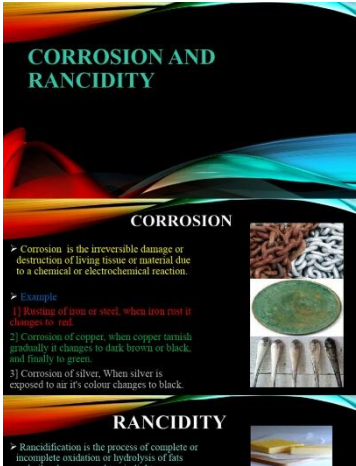
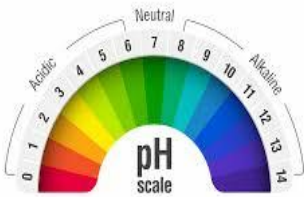
SYLLABUS BIFURCATION - SESSION 2026-27

(23 Days)	2 <sup>nd</sup>	<b>FINAL BOARD EXAMINATION</b>
MAR (17)	1 <sup>st</sup>	
	2 <sup>nd</sup>	


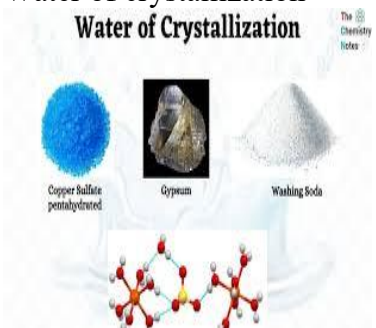
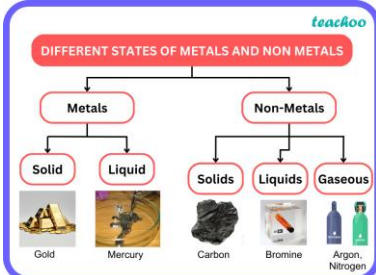
## Cycle Test and Term Exams Syllabus Details

TEST	SYLLABUS	DATE
CT1	Ch-1 till reflection of light	DD.MM.YY
CT2	Ch-1,2	DD.MM.YY
Mid Term	Ch-1,2,3	DD.MM.YY
PRE-BOARD I	Ch-1,2,3,4	DD.MM.YY
PRE-BOARD II	Ch-1,2,3,4	DD.MM.YY
Final Term	Ch-1,2,3,4,	DD.MM.YY



MONTH	FORTNIGHT	TOPIC	CONTENT	INTEGRATED APPROACH	EXPERIENTIAL & BLENDED LEARNING
APRIL (23 days)	1 <sup>st</sup> -15 <sup>th</sup> APRIL	Ch. 1: Chemical Reactions and Equations 	What is Chemical reaction? Types of chemical reaction   Redox Reactions Balancing of Chemical equation	<b>AI-</b> Observation of various colours in various Chemical reactions  <b>MI-</b> Verbal Linguistic, Interpersonal, Naturalistic, Bodily kin-esthetic, Logical mathematical,  <b>ID-</b> Mathematics, Art	<b>EL-:</b> Hands on experiment to show various types of chemical reactions.  <b>BL-</b> <a href="https://youtu.be/ixwkzLZU1v8">https://youtu.be/ixwkzLZU1v8</a>  <a href="https://study.com/academy/lesson/chemical-reaction-games-activities.html">https://study.com/academy/lesson/chemical-reaction-games-activities.html</a>
	16 <sup>th</sup> -30 APRIL	Ch. 1: Chemical Reactions and Equations	Corrosion Rancidity 	<b>AI-</b> Observation of rusting of iron, green deposit on copper, tarnishing of silver..  <b>MI-</b> Verbal-Linguistic, Bodily kinesthetic, Naturalistic  <b>ID-</b> Mathematics, Art	<b>EL</b> :Representation of requirements for rusting of iron with the help of an activity.  <b>BL-</b> <a href="https://youtu.be/1a2kI04ny-o">https://youtu.be/1a2kI04ny-o</a>  <a href="https://www.slideshare.net/slideshow/ncert-class-10-science-chapter-1-chemical-reactions-and-equations/234470290">https://www.slideshare.net/slideshow/ncert-class-10-science-chapter-1-chemical-reactions-and-equations/234470290</a>
MAY (25 Days)	1 <sup>st</sup> -15 MAY	Ch. 2: Acids, Bases and Salts	Indicators Physical and chemical properties of acids and bases Salts pH 	<b>AI-</b> Observation of colour change of indicators in different mediums.  <b>MI-</b> Bodily kinesthetic, Logical mathematical, Naturalistic  <b>ID-</b> Mathematics, Art	<b>EL-</b> Hands on experiment to study the effect of indicators on acids and bases.  <b>BL-</b> <a href="https://youtu.be/NXkNmInv1iI">https://youtu.be/NXkNmInv1iI</a>  <a href="https://www.slideshare.net/slideshow/indicator-class-x/234708052">https://www.slideshare.net/slideshow/indicator-class-x/234708052</a>

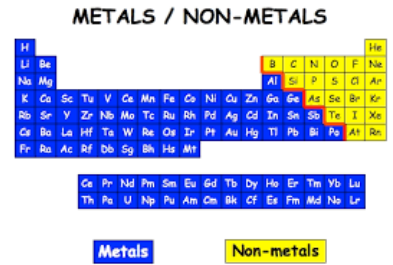
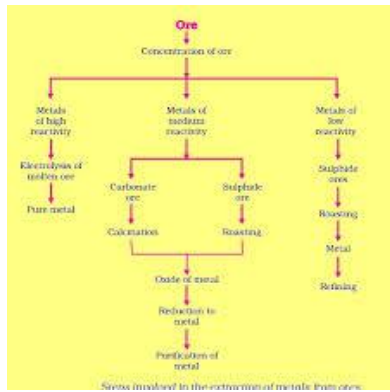



	<p>15-31 MAY</p>	<p>Acids, Bases &amp; Salts</p>  <p>Ch. 2: Acids, Bases and Salts</p>	<p>Preparation , properties and uses of Caustic Soda ,Common salt, Baking soda , Washing soda, Bleaching powder, POP</p> <p>Water of crystallization</p> 	<p><b>AI-</b> Observation of various types of salts and their properties.</p> <p><b>MI-</b> Bodily kinesthetic, Logical mathematical, Naturalistic</p> <p><b>ID-</b> Mathematics, Art</p>	<p><b>EL-</b> Hands on experiment to study the effect of temperature on hydrated salts.</p> <p><b>BL-</b> <a href="https://youtu.be/zv1-ZuLSskQ">https://youtu.be/zv1-ZuLSskQ</a></p> <p><a href="https://www.slideshare.net/slideshow/acids-bases-and-salts-class-10th/256925757">https://www.slideshare.net/slideshow/acids-bases-and-salts-class-10th/256925757</a></p>
<p>JUNE</p>	<p><b>REVISION and Activities</b></p> <p><b>(if any class)</b></p>				
<p>JULY (26 Days)</p>	<p>1<sup>st</sup>-15 JULY</p>	<p>CH-3 -Metals and non-metals</p>	<p>Physical and chemical properties of metals and non-metals.</p> 	<p><b>AI-</b> Role play to show the properties of metals and non-metals.</p> <p><b>MI-</b> Verbal Linguistic, Interpersonal, Naturalistic, Bodily kinesthetic, Visual spatial</p>	<p><b>EL-</b> Hands on experiment to study the chemical properties of metals and non-metals</p> <p><b>BL-</b> <a href="https://youtu.be/0MgCeHggCSQ">https://youtu.be/0MgCeHggCSQ</a></p> <p><a href="https://www.slideshare.net/slideshow/metals-and-non-metals-13911695/13911695">https://www.slideshare.net/slideshow/metals-and-non-metals-13911695/13911695</a></p>



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	<p>16<sup>th</sup>-31 JULY</p>	<p><b>CH-3 -Metals and non- metals</b></p>  <p>METALS / NON-METALS</p> <p>Metals Non-metals</p>	<p>Extraction of metals</p>  <p>Steps involved in the extraction of metals from ores:</p>	<p><b>AI-</b> Diagrammatic representation in the form of flow chart to show various methods of extraction of metals.</p> <p><b>MI-</b>Verbal Linguistic, Interpersonal, Naturalistic, Bodily kinesthetic,</p> <p><b>ID-</b> Physics</p>	<p><b>EL-</b> Experiment to show the reaction of metals with other metal salts.</p> <p><b>BL-</b><a href="https://youtu.be/4FD8xfzO1As">https://youtu.be/4FD8xfzO1As</a></p> <p><a href="https://www.slideshare.net/slideshow/extraction-of-metals-chemistry/37118200">https://www.slideshare.net/slideshow/extraction-of-metals-chemistry/37118200</a></p>
<p><b>AUG (23 Days)</b></p>	<p>1<sup>st</sup> -15 AUG</p>	<p><b>CH-3 -Metals and non- metals</b></p>	<p>Corrosion Alloy</p>  <p><b>Alloy Definition and Examples</b> An alloy is a mixture of chemical elements where the primary component is a metal.</p> <ul style="list-style-type: none"> <li><b>Bronze</b>: copper (75-95%), tin (5-22%)</li> <li><b>18K Gold</b>: gold (75%), copper (12.5%), silver (12.5%)</li> <li><b>Brass</b>: copper (60-90%), zinc (10-40%)</li> <li><b>Cast Iron</b>: iron (90-98%), carbon (2-4%)</li> <li><b>Sterling Silver</b>: silver (92.5%), copper (7.5%)</li> </ul>	<p><b>AI-</b> Metal Foil Collage (Visual Representation) To create a <b>collage</b> showing different alloys used in real life (e.g., steel bridges, brass musical instruments, bronze statues).</p> <p><b>MI-</b>Verbal Linguistic, Interpersonal, Naturalistic, Bodily kinesthetic,</p> <p><b>ID-</b> Physics</p>	<p><b>EL-</b> Observation of various alloys to show their properties.</p> <p><b>BL-</b><a href="https://youtu.be/jaSiStNOMkA">https://youtu.be/jaSiStNOMkA</a></p> <p><a href="https://www.slideshare.net/slideshow/alloy/2348254">https://www.slideshare.net/slideshow/alloy/2348254</a></p>
	<p>16<sup>th</sup> -30 AUG</p>	<p><b>CH-4 -Carbon and its compounds</b></p>	<p>Unique nature of carbon Allotropes of carbon Imp chemical properties of carbon compounds Acetic acid and ethanol</p>	<p><b>AI-</b> Poster-Making: Daily Life Applications of allotropes of carbon.</p> <p><b>MI-</b>Verbal Linguistic, Interpersonal, Naturalistic, Bodily kinesthetic,</p>	<p><b>EL-</b> To observe various physical and chemical properties of acetic acid</p> <p><b>BL-</b><a href="https://youtu.be/j0suPpZAjwM">https://youtu.be/j0suPpZAjwM</a></p> <p><a href="https://www.slideshare.net/slideshow/carbon-and-its-compounds-255101903/255101903">https://www.slideshare.net/slideshow/carbon-and-its-compounds-255101903/255101903</a></p>



				<b>ID- Physics, Biology</b>	
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SEPT (23)	1 <sup>st</sup> 2 <sup>nd</sup>	<b>MID- TERM EXAMINATION</b>			
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OCT (20 Days)	1 <sup>st</sup> -15 <sup>th</sup> OCT	CH-4 -Carbon and its compounds	Hydrocarbons Homologous series IUPAC nomenclature  <table border="1"> <thead> <tr> <th>Number of 'C' atoms</th> <th>Word root</th> <th>IUPAC name</th> <th>Structure</th> <th>Molecular formula</th> </tr> </thead> <tbody> <tr><td>1</td><td>Meth</td><td>Methane</td><td>CH<sub>4</sub></td><td>CH<sub>4</sub></td></tr> <tr><td>2</td><td>Eth</td><td>Ethane</td><td>CH<sub>3</sub>-CH<sub>3</sub></td><td>C<sub>2</sub>H<sub>6</sub></td></tr> <tr><td>3</td><td>Prop</td><td>Propane</td><td>CH<sub>3</sub>-CH<sub>2</sub>-CH<sub>3</sub></td><td>C<sub>3</sub>H<sub>8</sub></td></tr> <tr><td>4</td><td>But</td><td>Butane</td><td>CH<sub>3</sub>-(CH<sub>2</sub>)<sub>2</sub>-CH<sub>3</sub></td><td>C<sub>4</sub>H<sub>10</sub></td></tr> <tr><td>5</td><td>Pent</td><td>Pentane</td><td>CH<sub>3</sub>-(CH<sub>2</sub>)<sub>3</sub>-CH<sub>3</sub></td><td>C<sub>5</sub>H<sub>12</sub></td></tr> <tr><td>6</td><td>Hex</td><td>Hexane</td><td>CH<sub>3</sub>-(CH<sub>2</sub>)<sub>4</sub>-CH<sub>3</sub></td><td>C<sub>6</sub>H<sub>14</sub></td></tr> <tr><td>7</td><td>Hept</td><td>Heptane</td><td>CH<sub>3</sub>-(CH<sub>2</sub>)<sub>5</sub>-CH<sub>3</sub></td><td>C<sub>7</sub>H<sub>16</sub></td></tr> <tr><td>8</td><td>Oct</td><td>Octane</td><td>CH<sub>3</sub>-(CH<sub>2</sub>)<sub>6</sub>-CH<sub>3</sub></td><td>C<sub>8</sub>H<sub>18</sub></td></tr> <tr><td>9</td><td>Non</td><td>Nonane</td><td>CH<sub>3</sub>-(CH<sub>2</sub>)<sub>7</sub>-CH<sub>3</sub></td><td>C<sub>9</sub>H<sub>20</sub></td></tr> <tr><td>10</td><td>Dec</td><td>Decane</td><td>CH<sub>3</sub>-(CH<sub>2</sub>)<sub>8</sub>-CH<sub>3</sub></td><td>C<sub>10</sub>H<sub>22</sub></td></tr> </tbody> </table>	Number of 'C' atoms	Word root	IUPAC name	Structure	Molecular formula	1	Meth	Methane	CH <sub>4</sub>	CH <sub>4</sub>	2	Eth	Ethane	CH <sub>3</sub> -CH <sub>3</sub>	C <sub>2</sub> H <sub>6</sub>	3	Prop	Propane	CH <sub>3</sub> -CH <sub>2</sub> -CH <sub>3</sub>	C <sub>3</sub> H <sub>8</sub>	4	But	Butane	CH <sub>3</sub> -(CH <sub>2</sub> ) <sub>2</sub> -CH <sub>3</sub>	C <sub>4</sub> H <sub>10</sub>	5	Pent	Pentane	CH <sub>3</sub> -(CH <sub>2</sub> ) <sub>3</sub> -CH <sub>3</sub>	C <sub>5</sub> H <sub>12</sub>	6	Hex	Hexane	CH <sub>3</sub> -(CH <sub>2</sub> ) <sub>4</sub> -CH <sub>3</sub>	C <sub>6</sub> H <sub>14</sub>	7	Hept	Heptane	CH <sub>3</sub> -(CH <sub>2</sub> ) <sub>5</sub> -CH <sub>3</sub>	C <sub>7</sub> H <sub>16</sub>	8	Oct	Octane	CH <sub>3</sub> -(CH <sub>2</sub> ) <sub>6</sub> -CH <sub>3</sub>	C <sub>8</sub> H <sub>18</sub>	9	Non	Nonane	CH <sub>3</sub> -(CH <sub>2</sub> ) <sub>7</sub> -CH <sub>3</sub>	C <sub>9</sub> H <sub>20</sub>	10	Dec	Decane	CH <sub>3</sub> -(CH <sub>2</sub> ) <sub>8</sub> -CH <sub>3</sub>	C <sub>10</sub> H <sub>22</sub>	<b>AI-</b> 3D representation of hydrocarbons through ball and stick model.  <b>MI-Logical-Mathematical, Verbal Linguistic, Interpersonal, Naturalistic, Bodily kinesthetic,</b>  <b>ID- Mathematics, Art</b>	<b>EL-</b> To identify various carbon compounds used in our practical life.  <b>BL-</b> <a href="https://youtu.be/8xrRCKftlu8">https://youtu.be/8xrRCKftlu8</a> <a href="https://www.learnpick.in/prime/documents/ppt/383/hydrocarbons">https://www.learnpick.in/prime/documents/ppt/383/hydrocarbons</a>
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OCT (20 Days)	16 <sup>th</sup> -30 <sup>th</sup> OCT	CH-4 -Carbon and its compounds	Isomers Soaps and detergents  	<b>AI-</b> Detergent vs. Soap Infographic (Poster Making) Have students create a poster comparing soaps and detergents using diagrams, tables, and drawings.  <b>MI-Logical-Mathematical, Verbal Linguistic, Interpersonal, Naturalistic, Bodily kinesthetic,</b>  <b>ID- Biology</b>	<b>EL- To</b> Study of the comparative cleaning capacity of a sample of soap in soft and hard water.  <b>BL-</b> <a href="https://youtu.be/vppFkXW7Dt8">https://youtu.be/vppFkXW7Dt8</a> <a href="https://www.slideshare.net/slideshow/soap-and-detergents-15243636/15243636">https://www.slideshare.net/slideshow/soap-and-detergents-15243636/15243636</a>
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# DELHI PUBLIC SCHOOL DEHRADUN

SYLLABUS BIFURCATION - SESSION 2026-27

NOV (22 Days)	1 <sup>st</sup> -15 <sup>th</sup> NOV	REVISION			
	16 <sup>th</sup> -30 NOV	REVISION AND PRE-BOARD 1			
DEC (25 Days)	1 <sup>st</sup> -15 DEC	REVISION			
	16 <sup>th</sup> -31 <sup>st</sup> DEC	REVISION AND PRE- BOARD 2			
JAN (17 Days)	1 <sup>st</sup> -15 <sup>th</sup> JAN				
	16 <sup>th</sup> -31 <sup>st</sup> JAN				
FEB (23 Days)	1 <sup>st</sup>	<b>BOARD EXAMINATIONS</b>			
	2 <sup>nd</sup>				
MAR (17)	1 <sup>st</sup>	<b>BOARD EXAMINATIONS</b>			
	2 <sup>nd</sup>				

## Cycle Test and Board Exams Syllabus Details

TEST	SYLLABUS	DATE
CT1	Ch-1	DD.MM.YY
CT2	Ch-2	DD.MM.YY
Mid Term	Ch-1,2 and 3	DD.MM.YY
Pre-board 1	Ch-1,Ch-2, Ch-3 and Ch-4	DD.MM.YY
Pre-board 2	Ch-1,Ch-2, Ch-3 and Ch-4	DD.MM.YY
Board Examination	Ch-1,Ch-2, Ch-3 and Ch-4	DD.MM.YY



# DELHI PUBLIC SCHOOL DEHRADUN

SYLLABUS BIFURCATION - SESSION 2026-27

**CLASS : X SUBJECT-ARTIFICIAL INTELLIGENCE**

MONTH	FORTNIGHT	TOPIC	CONTENT	INTEGRATED APPROACH	EXPERIENTIAL & BLENDED LEARNING
APRIL (23)	1 <sup>st</sup> -15 <sup>th</sup> APRIL	Revisiting AI Project Cycle	Concepts of Intelligence, AI vs Human Intelligence, Applications of AI, Ethics in AI, Moral issues, Bias, Inclusion, Responsibility	<b>AI-</b> Understanding AI fundamentals and real-life applications <b>MI-</b> Encourages intrapersonal and logical-mathematical thinking through ethical dilemmas <b>ID-</b>	<b>EL-</b> : EL – Case studies, Discussion, YouTube-based learning, Debate, Scenario analysis  <b>BL-</b> <a href="https://www.youtube.com/watch?v=XvzNuw5VjBU">https://www.youtube.com/watch?v=XvzNuw5VjBU</a> <a href="https://www.youtube.com/watch?v=KVP-0Jta33g">https://www.youtube.com/watch?v=KVP-0Jta33g</a>
	16 <sup>th</sup> -30 APRIL	Communication Skills-II	Methods of Communication, Verbal & Non-Verbal Communication, Writing Skills	<b>AI</b> - Discussion on different communication styles; <b>AI tools for communication like chatbots</b> <b>MI</b> - Verbal-Linguistic approach; <b>ID</b> - English	<b>EL</b> - Role play on communication, <b>BL</b> - Video lessons on effective communication <a href="https://www.youtube.com/watch?v=w9p6zbxflBo">https://www.youtube.com/watch?v=w9p6zbxflBo</a> , <a href="https://study.com/academy/lesson/video/types-of-communication-interpersonal-non-verbal-written-oral.html">https://study.com/academy/lesson/video/types-of-communication-interpersonal-non-verbal-written-oral.html</a>
MAY (25 Days)	1 <sup>st</sup> -15 <sup>th</sup> MAY	AI Project Cycle	Problem Scoping, Data Acquisition, Exploration, Modelling, Evaluation	<b>AI-</b> AI project methodology and life cycle  <b>MI-</b> Logical and visual-spatial intelligences (data visualization, modeling)  <b>ID-</b> Integration with Environmental Science (SDGs), Math (graphs, stats)	<b>EL-</b>  <b>BL-</b> BL – Video tutorials, Group-based AI project simulation On line vedios Link:- <a href="https://www.youtube.com/watch?v=V7QzWen9Odk">https://www.youtube.com/watch?v=V7QzWen9Odk</a> <a href="https://www.youtube.com/watch?v=nKejPEMAZAE">https://www.youtube.com/watch?v=nKejPEMAZAE</a>
	16 <sup>th</sup> – 31 <sup>st</sup> May	Self-management Skills  Python Basics	Stress Management, Independent Work, Self Motivation  Jupyter Notebook, Variables, Data types, Loops, Functions, Libraries (Numpy, Pandas etc.)	<b>AI-</b> Python as a base for AI coding  <b>MI</b> – Intrapersonal (goal-setting), logical-mathematical intelligence  <b>ID</b> – Psychology (self-regulation), Computer Science	<b>EL-</b> Role play, personal goal chart, group discussions  <b>BL</b> – Hands-on Python coding, YouTube guides  Jupyter Notebook- <a href="https://jupyter.org/install">https://jupyter.org/install</a> <a href="https://www.youtube.com/watch?v=9rLdQP3g4fw">https://www.youtube.com/watch?v=9rLdQP3g4fw</a>  Python Basics <a href="https://www.youtube.com/watch?v=oSPMmeaiQ68">https://www.youtube.com/watch?v=oSPMmeaiQ68</a>
JUNE	<b>REVISION and Activities (if any class)</b>				
JULY (26 Days)	1 <sup>st</sup> -15 JULY	Statistical Data	Introduction to Data Science, KNN, Data Visualisation	<b>AI-</b> Predictive modeling, KNN intro  <b>MI-</b> Logical-mathematical intelligence  <b>ID-</b> Math (statistics), Science (data interpretation)	<b>EL-</b> EL – Python projects, Concept videos  <b>BL-</b> <a href="https://www.youtube.com/watch?v=0cSFjaXMHpM">https://www.youtube.com/watch?v=0cSFjaXMHpM</a>



# DELHI PUBLIC SCHOOL DEHRADUN

SYLLABUS BIFURCATION - SESSION 2026-27

	16 <sup>th</sup> -31 JULY	ICT Skills	OS basics, File management, Maintenance, Antivirus	<b>AI-</b> Introduction to system intelligence <b>MI-</b> Kinesthetic (hands-on systems), logical <b>ID-</b> Computer Science	<b>EL-</b> EL – Group demos, folder/file exercises, Chart making <b>BL-</b> <a href="https://studv.com/academy/lesson/video/what-is-computer-management-maintenance-tools.html">https://studv.com/academy/lesson/video/what-is-computer-management-maintenance-tools.html</a> <a href="https://www.youtube.com/watch?v=aRFc6mts2_Y">https://www.youtube.com/watch?v=aRFc6mts2_Y</a>
AUG (23 Days)	1 <sup>st</sup> -15 AUG	Computer Vision	Image Processing, OpenCV, CNN concepts	<b>AI-</b> Core of computer vision using OpenCV <b>MI-</b> Visual-spatial intelligence <b>ID-</b> Science (light, imaging), Math (matrices, filters)	<b>EL-</b> EL – Image handling demos, kernel operations <b>BL-</b> <a href="https://www.youtube.com/watch?v=xXgnmKcnyTg">https://www.youtube.com/watch?v=xXgnmKcnyTg</a> <a href="https://www.youtube.com/watch?v=0t5m0rqBSMo">https://www.youtube.com/watch?v=0t5m0rqBSMo</a>
	16 <sup>th</sup> -31 <sup>st</sup> AUG	Entrepreneurial Skills	Entrepreneurship, Business idea generation, Field visits	<b>AI-</b> AI in business and start-ups <b>MI-</b> Interpersonal, bodily-kinesthetic (role play) <b>ID-</b> Economics, Social Studies	<b>EL-</b> EL – Role play, Idea development, Field survey <b>BL-</b> <a href="https://studv.com/academy/lesson/video/entrepreneurs-required-skills-competencies.html">https://studv.com/academy/lesson/video/entrepreneurs-required-skills-competencies.html</a> <a href="https://www.youtube.com/watch?v=OFsYDQz7Li8">https://www.youtube.com/watch?v=OFsYDQz7Li8</a>
SEPT (23)	1 <sup>st</sup> 2 <sup>nd</sup>	<b>MID- TERM EXAMINATION</b>			
OCT (20 Days)	1 <sup>st</sup> -15 <sup>th</sup> OCT	Natural Language Processing	NLP Applications, Chatbots, Bag of Words, TFIDF, NLTK	<b>AI-</b> NLP tools, sentiment analysis <b>MI-</b> Verbal-linguistic intelligence <b>ID-</b> English (language structure), Coding	<b>EL-</b> EL – Text processing using NLTK, Concept comparison <b>BL-</b> <a href="https://www.youtube.com/watch?v=oi0JXuL19TA">https://www.youtube.com/watch?v=oi0JXuL19TA</a>
	16 <sup>th</sup> -30 <sup>th</sup> OCT	Evaluation Methods	Confusion Matrix, Accuracy, Precision, Recall, F1 Score	<b>AI-</b> AI model metrics and comparisons <b>MI-</b> Logical-mathematical <b>ID-</b> Math (fractions, percent), Stats	<b>EL-</b> EL – Practice on Model Evaluation <b>BL-</b> <a href="https://www.youtube.com/watch?v=IhM-CvQUcUI">https://www.youtube.com/watch?v=IhM-CvQUcUI</a> <a href="https://www.youtube.com/watch?v=GF-oruiWkwg">https://www.youtube.com/watch?v=GF-oruiWkwg</a> <a href="https://www.youtube.com/watch?v=PBzXsks46eE">https://www.youtube.com/watch?v=PBzXsks46eE</a>
NOV (22 Days)	1 <sup>st</sup> -15 <sup>th</sup> NOV	Green Skills	SDGs, Evolution, Principles, Art from waste, School gardening	<b>AI-</b> AI for sustainable development <b>MI-</b> Naturalistic and spatial intelligence <b>ID-</b> Environmental Science, Art	<b>EL-</b> EL – Gardening, Art project from waste <b>BL-</b> <a href="https://www.youtube.com/watch?v=cFFkTV-FKbA">https://www.youtube.com/watch?v=cFFkTV-FKbA</a> <a href="https://www.youtube.com/watch?v=5ACfPVA-EE8">https://www.youtube.com/watch?v=5ACfPVA-EE8</a>
	16 <sup>th</sup> -30 NOV	Revision	Sample Paper Discussion	<b>AI-</b> <b>MI-</b>	<b>EL-</b> EL – Paper solving and peer learning



# DELHI PUBLIC SCHOOL DEHRADUN

SYLLABUS BIFURCATION - SESSION 2026-27

				<b>ID-</b>	<b>BL-</b> <a href="https://cbseacademic.nic.in/web_material/Curriculum26/SQP_MS_X/417_AI_SQP.pdf">https://cbseacademic.nic.in/web_material/Curriculum26/SQP_MS_X/417_AI_SQP.pdf</a> <a href="https://www.learncbse.in/ai-sample-paper-class-10-with-solutions/">https://www.learncbse.in/ai-sample-paper-class-10-with-solutions/</a>
<b>DEC</b> (25 Days)	<b>1<sup>st</sup> -15 DEC</b>	Pre-Boards & Practical	Revision, Practical Exams	<b>AI-</b> <b>MI-</b> <b>ID-</b>	<b>EL-</b> EL – Sample paper solving, Practical lab <b>BL-</b>
	<b>16<sup>th</sup> -31<sup>st</sup> DEC</b>			<b>AI-</b> <b>MI-</b> <b>ID-</b>	<b>EL-</b> <b>BL-</b>
<b>JAN</b> (17 Days)	<b>1<sup>st</sup> -15<sup>th</sup> JAN</b>			<b>AI-</b> <b>MI-</b> <b>ID-</b>	<b>EL-</b> <b>BL-</b>
	<b>16<sup>th</sup> -31<sup>st</sup> JAN</b>			<b>AI-</b> <b>MI-</b> <b>ID-</b>	<b>EL-</b> <b>BL-</b>
<b>FEB</b> (23 Days)	<b>1<sup>st</sup></b>	<b>REVISION, Final Practical Exam &amp; PROJECT WORK</b>			
	<b>2<sup>nd</sup></b>				
<b>MAR</b> (17)	<b>1<sup>st</sup></b>	<b>TERM EXAMINATION</b>			
	<b>2<sup>nd</sup></b>				

## Cycle Test and Term Exams Syllabus Details

<b>TEST</b>	<b>SYLLABUS</b>	<b>DATE</b>
CT1		DD.MM.YY
CT2		DD.MM.YY
Mid Term		DD.MM.YY
CT3		DD.MM.YY
CT4		DD.MM.YY



**DELHI PUBLIC SCHOOL DEHRADUN**  
SYLLABUS BIFURCATION - SESSION 2026-27

<b>Final Term</b>		DD.MM.YY
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