

D.A.V. INSTITUTIONS, WEST BENGAL ZONE**SESSION: 2026–2027****MONTH-WISE BIFURCATED SYLLABUS****CLASS: X****SUBJECT : ENGLISH COMMUNICATIVE(101)**

MONTH	CHAPTERS TO BE TAUGHT	ACTIVITY/ PROJECT WORK/ GRAPH/ MAPWORK/SEA etc.
April (21Days)	<p>READING: Unseen Comprehension Passage</p> <p>LITERATURE</p> <p>FICTION:</p> <ul style="list-style-type: none"> ● Two Gentlemen of Verona ● Mrs. Packletide’s Tiger <p>POETRY:</p> <ul style="list-style-type: none"> ● The Frog and the Nightingale ● Not Marble, nor the Gilded Monuments <p>MAIN COURSE BOOK</p> <p style="padding-left: 40px;">Health And Medicine</p> <p>GRAMMAR- Tenses and Determiners</p> <p>WORK BOOK</p> <ul style="list-style-type: none"> ● UNIT 1- Determiners ● UNIT 2- Tenses <p>WRITING</p> <p>Application for leave / change of subject / change of section / bus timings or similar topics</p> <p>Factual Description of a person/object</p>	<p>CREATIVE WRITING</p> <p>The narrator of the fiction ‘Two Gentlemen of Verona’ writes a travel blog (in the form of infographic) about his visit to Italy. Write the blog with pictures of important places, persons and items as mentioned in the story along with his emotions about the people of that place whom he came across.</p> <p>DIGITAL POSTER</p> <p>‘A healthy mind resides in a healthy body.’ Based on the given statement prepare a digital poster (in any photo editing software) to spread awareness among students to be circulated through social media about the importance of maintaining good health.</p>
May(10 Days)	<p>READING: Unseen Comprehension Passage</p> <p>LITERATURE</p> <p>FICTION:</p> <ul style="list-style-type: none"> ● The Letter <p>MAIN COURSE BOOK</p> <ul style="list-style-type: none"> ● Education <p>GRAMMAR- Subject-Verb Concord</p>	<p>Lincoln- Douglas Debate</p> <p>Motion:- “Education should be skill based rather than knowledge based.”</p> <p style="text-align: center;">OR</p> <p>‘In the age of Artificial Intelligence, human labour force is endangered’ (Since it is the month of May and we celebrate May Day)</p>

	<p>WORK BOOK</p> <ul style="list-style-type: none"> UNIT 3 –Subject-Verb Agreement <p>WRITING</p> <p>Formal Letters (thematically aligned to topics in MCB)</p>	
June (12 Days)	<p>READING: Unseen Comprehension Passage</p> <p>LITERATURE</p> <p>FICTION</p> <ul style="list-style-type: none"> A Shady Plot <p>POETRY</p> <ul style="list-style-type: none"> Ozymandias <p>MAIN COURSE BOOK</p> <ul style="list-style-type: none"> Education <p>GRAMMAR – Modals</p> <p>WORK BOOK</p> <p>UNIT 4-Non- Finites- Infinitives and Participles</p>	<p>Students will create a MEME of Ozymandias with appropriate punch lines (two at least) depicting his character as reflected in the poem.</p> <p>PHOTO MONTAGE</p> <p>Make a photo montage of a Spooky night/ place/ situation</p>
July (25 Days)	<p>READING - Unseen Comprehension Passage</p> <p>LITERATURE</p> <p>FICTION</p> <ul style="list-style-type: none"> Patol Babu, Film Star <p>DRAMA</p> <ul style="list-style-type: none"> The Dear Departed <p>MAIN COURSE BOOK</p> <ul style="list-style-type: none"> Science <p>GRAMMAR</p> <ul style="list-style-type: none"> Reported Speech- Commands and requests, Statements, Questions <p>WORK BOOK</p> <p>UNIT 5: Relatives</p> <p>UNIT 6: Connectors</p> <p>WRITING</p>	<p>ROLE PLAY</p> <p>Prepare a One-Act Play script in your own language based on the play ‘The Dear Departed’.</p> <p>Setting -Abel Merryweather’s house</p> <p>Time- Day after his marriage</p> <p>New Character- His Newly wed wife</p>

	Article Writing (based on verbal cues, thematically aligned to topics in MCB)	
August (23 Days)	<p>READING - Unseen Comprehension Passage</p> <p>LITERATURE</p> <p>FICTION</p> <ul style="list-style-type: none"> • Virtually True <p>POETRY</p> <ul style="list-style-type: none"> • The Rime of the Ancient Mariner <p>GRAMMAR:</p> <p>Reported Speech- Commands and requests, Statements, Questions.</p> <p>WORK BOOK</p> <p>UNIT 7: Conditionals</p> <p>UNIT 8: Comparisons</p> <p>WRITING</p> <p>Article Writing (Revision)</p> <p>Factual Description of a person/object (Revision)</p>	<p>PODCAST- MIRACLE RECOVERY</p> <p>Speakers :</p> <ol style="list-style-type: none"> 1. Sebastian Shultz 2. Michael 3. Curator <p>Use intro and outro music</p> <p>Duration : 3minutes, format MP3</p> <p style="text-align: center;">OR</p> <p style="text-align: center;">Art Integrated Project</p> <p>Designing newspaper front page (Virtually True/ Mrs. Packetide's Tiger)</p>
September (22 Days)	<p>READING - Unseen Comprehension Passage</p> <p>LITERATURE</p> <p>DRAMA</p> <p>Julius Caesar</p> <p>POEM</p> <ul style="list-style-type: none"> • Snake <p>MAIN COURSE BOOK</p> <ul style="list-style-type: none"> • Environment • Travel And Tourism <p>GRAMMAR</p> <p>Clauses (Noun, Adverb & Relative Clauses)</p> <p>WORK BOOK</p> <p>UNIT 9: Avoiding Repetition- Substitution and Omission</p>	<p>Art Integrated Project</p> <ol style="list-style-type: none"> 1. State Tourism Department has asked you to prepare a tourism logo for West Bengal and TamilNadu (one each). Having prepared the logo, make a tourism promotional poster giving special offer for domicile of West Bengal in TamilNadu and vice-versa. The poster must include pictures of state festival, flower, food and one unique aspect. The already prepared logo must come on the top right hand corner of the poster of that state. 2. Prepare a state tourism promotional video of 1minute where the characters use traditional costume of the state, background music suitable for the state and the

	UNIT 10: Nominalisation WRITING- Revision	language spoken will also be the native language of the state.
October (17 Days)	READING - Unseen Comprehension Passage LITERATURE DRAMA Julius Caesar MAIN COURSE BOOK National Integration GRAMMAR- Revision WORK BOOK UNIT 11: Modals-Expressing Attitudes UNIT 12: Active and Passive UNIT 13: Reported Speech WRITING- Revision	Speaking Skill Compose a speech on the topic ‘The Importance of Celebrating Diversity, but Working for Unity.’
November (18 Days)	READING - Unseen Comprehension Passage LITERATURE- Revision GRAMMAR- Revision WORK BOOK UNIT 14: Prepositions WRITING- Revision	
December (20 Days)	REVISION	
January (21 Days)	REVISION	

D.A.V. INSTITUTIONS, WEST BENGAL ZONE

SESSION: 2026-2027

MONTH-WISE BIFURCATED SYLLABUS

CLASS: X

SUBJECT : HINDI

MONTH	CHAPTERS TO BE TAUGHT	ACTIVITY/ PROJECT WORK/ GRAPH/ MAPWORK/SEA etc.
April (21 Days)	<p><u>क्षितिज</u> :</p> <ol style="list-style-type: none">1. पद (सूरदास)2. राम-लक्ष्मण-परशुराम संवाद <p><u>लेखन</u> :</p> <ol style="list-style-type: none">1. अनुच्छेद,2. पत्र - औपचारिक + अनौपचारिक	<ol style="list-style-type: none">1. पठित पद के आधार पर गोपियाँ, उद्धव और कृष्ण- तीनों पात्रों के विषय में 120 शब्दों में अनुच्छेद लिखिए।2. राम-लक्ष्मण-परशुराम संवाद अध्याय के आधार पर तीनों पात्रों के विषय में 120 शब्दों में अनुच्छेद लिखिए।
May (10 Days)	<p><u>क्षितिज</u> : 7. नेताजी का चश्मा</p> <p><u>व्याकरण</u> :</p> <ol style="list-style-type: none">1. रचना के आधार पर वाक्य-भेद,2. वाच्य,4. अलंकार- (अर्थालंकार- उपमा, रूपक, उत्प्रेक्षा, अतिशयोक्ति, मानवीकरण)	<ol style="list-style-type: none">1. 'भारत को आज़ाद करवाने में आज़ाद हिंद फ़ौज की भूमिका' पर 120 शब्दों में अनुच्छेद लिखिए।
June (12 Days)	<p><u>क्षितिज</u> : 3. आत्मकथ्य</p> <ol style="list-style-type: none">4. उत्साह, अट नहीं रही है8. बालगोबिन भगत <p><u>व्याकरण</u> :</p> <ol style="list-style-type: none">3. पद-परिचय4. अलंकार- (अर्थालंकार- उपमा, रूपक, उत्प्रेक्षा, अतिशयोक्ति, मानवीकरण)	<ol style="list-style-type: none">1. 'बिना ईमानदारी और साहस के आत्मकथा नहीं लिखी जा सकती'- विषय पर अपना विचार 120 शब्दों में लिखिए।2. 'प्रकृति की रक्षा में ही हमारी रक्षा संभव है'- विषय पर 120 शब्दों में अनुच्छेद लिखिए।3. अपने मित्र को पत्र लिखकर बालगोबिन भगत के व्यक्तित्व की विशेषताएँ 100 शब्दों में बताइए।
July (25 Days)	<p><u>क्षितिज</u> : 9. लखनवी अंदाज़</p> <p><u>कृतिका</u> : 1. माता का अँचल</p> <p><u>लेखन</u> :</p> <ol style="list-style-type: none">3. स्ववृत्त-लेखन + ई-मेल-लेखन4. विज्ञापन-लेखन + संदेश-लेखन	<ol style="list-style-type: none">1. साहित्यिक परिचर्चा से संबंधित विज्ञापन लिखवाया जा सकता है।2. 'बाल्यावस्था के धनलिप्सा ने मानवीय संवेदनाओं पर बरफ़ की चादर चढ़ा दी है।'- विषय पर 120 शब्दों में अनुच्छेद लिखिए।
August (23 Days)	<p><u>कृतिका</u> : 2. साना-साना हाथ जोड़ि..</p> <ol style="list-style-type: none">1. अपठित गद्यांश,2. अपठित काव्यांश पुनरावृत्ति	<ol style="list-style-type: none">1. प्रकृति-संरक्षण अथवा पर्वतीय प्रदेश का भ्रमण विषय से संबंधित विज्ञापन अथवा संदेश लिखवाया जा सकता है।

September (22 Days)	<p><u>क्षितिज</u> : 5. दंतुरित मुसकान, फ़सल 10. एक कहानी यह भी</p> <p><u>कृतिका</u> : 3. मैं क्यों लिखता हूँ?</p>	<p>1. 'उपभोक्तावादी-संस्कृति के दौर में फ़सल कविता हमें कृषि-संस्कृति के निकट ले जाती है'-विषय पर अपना विचार 120 शब्दों में लिखिए।</p> <p>2. 'प्रस्तुत पाठ ही लेखिका की आत्मकथा है'- विषय पर अपना विचार 120 शब्दों में लिखिए।</p> <p>3. 'परमाणु खतरे में साँस लेती दुनिया' विषय पर 120 शब्दों में अनुच्छेद लिखिए।</p>
October (17 Days)	<p><u>क्षितिज</u> : <u>क्षितिज</u> : 6. संगतकार 11. नौबतखाने में इबादत 12. संस्कृति</p>	<p>1. आपके विद्यालय में मनाये जाने वाले सांस्कृतिक समारोह में मंच के पीछे काम करने वाले सहयोगियों की भूमिका पर 120 शब्दों में अनुच्छेद लिखिए।</p> <p>2. प्रस्तुत पाठ में काशी के विषय में जानकारी प्राप्त हुई है। इसी प्रकार अपने शहर की विशेषता के बारे में बताते हुए 100 शब्दों में अपने मित्र को पत्र लिखिए।</p> <p>3. 'भारतीय सभ्यता एवं संस्कृति' पर 120 शब्दों में अनुच्छेद लिखिए।</p>
November (18 Days)	मध्यसत्र और उत्तर मध्यसत्र में पढ़ाए गए समस्त पाठ्यक्रम	FIRST PRE-BOARD (TENTATIVELY LAST WEEK OF NOVEMBER)
December (20 Days)	मध्यसत्र और उत्तर मध्यसत्र में पढ़ाए गए समस्त पाठ्यक्रम	SECOND PRE-BOARD EXAMINATION (TENTATIVELY 2 ND WEEK OF DECEMBER)
January (21 Days)	पुनरावृत्ति	

NOTE – COMPLETION OF SYLLABUS FOR GRADE X– 09.11.2026

D.A.V. INSTITUTIONS, WEST BENGAL ZONE

SESSION: 2026–2027

MONTH-WISE BIFURCATED SYLLABUS

CLASS: X

SUBJECT: SANSKRIT

MONTH	CHAPTERS TO BE TAUGHT	ACTIVITY / PROJECT WORK / GRAPH / MAPWORK / SEA etc.
April (21 Days)	<p>* मर्षिका – पथमः पाठः - वाङ्मयं तपः</p> <p>* व ाकरिखण म्-</p> <p>सन्धः -</p> <p>➤ स रसन्धः - वृद्धः, यि, अयादः, पूवस्यपम्</p> <p>➤ व जनसन्धः - परसर्वत्रि(अनुस रस ने पञ्चमवर्षि पयोगः), तुगागमः, वगीयपथमवर्षि तृतीयवर्षि परस्वतवम्।</p> <p>➤ द्वसगसन्धः - द्वसगस उत म्, रत म्, द्वसगसोपः, द्वसगस स ने स्, श्, ष् ।</p> <p>समासः - (वाकेषु समस प ानां द्वगहः द्वगहप ानां च समासः)</p> <p>➤ ततुरषः - द्वभक्तः, नञ्, उपपः</p> <p>➤ दनः</p>	<p>भाषा-संवर व-गदाक्षरः (शर्वा- भाषा-लेखन- कौशलम्)</p> <p>पद वाचनम्- (पर्वदयम् केवलम्)</p> <p>(छाताः माहेशरसूतापी एकर्न न् कगवपते प्पण्धत । भिर्पते स ापदक्षर्न)</p>
May (10 Days)	<p>* मर्षिका – द्वतीयः पाठः - नान्त त ागसमं सुखम्</p> <p>* व ाकरिखण म् -</p> <p>समासः - वाकेषु समस प ानां द्वगहः द्वगहप ानां च समासः</p> <p>➤ अव यीभावः (अनु, उप, सह, द्वर्, पक्ष, यथा)</p>	<p>भाषा-संवर व-गदाक्षरः (व ाकरि र ारतम्)</p>
June (12 Days)	<p>* मर्षिका – तृतीयः पाठः - रमर्षिया द्व सृष्टः एषा</p> <p>* व ाकरिखण म् - पत याः -</p> <p>➤ कृतप्रत्ययौ = तव्यत्, अनीयर्</p> <p>* अपठत-अवबोर नम्</p>	<p>भाषा-संवर व-गदाक्षरः (सादृत ार ारतम्)</p>
July (25 Days)	<p>* मर्षिका – चतुथव्रपाठः - आर्षा गुरर्षिं द्व अक्षरर्षिया</p> <p>* व ाकरिखण म् -</p> <p>* व ाकरिखण म् - पत याः -</p> <p>➤ तद्वत-पत याः = ठक्, मतुप्, त, तल्</p> <p>➤ सी-पत यौ = टाप्, डीप्</p> <p>* वाच म् - केवलं लट्-लकारे (कतृक्कमवर्षिया)</p> <p>* समयः - अडानां स ने शबे षु समयलेखनम् (सामान -सपा -सार व्पा िने)</p>	<p>भाषा-संवर व-गदाक्षरः (सादृत ार ारतम्)</p>

	<p>* <u>अव यप ङ्</u> – इव, उच च्च एव, नूनम्, इतस तः, क्क्षना, तु, सहसा, वृथा, शनञ्च इत्, मा, यत्, अथ, सम क्क्ष, इ ङ्नीम्, अरुना, यावत्-तावत्, बह्वः, क ङ्, च, अङ्, पुरा, अत-तत, यथा-तथा, क ङ्, अद्, शः, परशः, हः, परहः, क्क्षमथम्, कुत, यद-तद्द्व अतः ।</p> <p>*<u>अशुक्ल-संशोर नम्</u>-(वचन-ङ्-पुरष-लकार-दष ङ् संशोर नम्)</p> <p>* <u>रचनात क-कायम्</u> = पतलेखनम् (सङ्केतार ङ् अतम् औपचारकम् अथवा अनौपचारकं पतलेखनम्)</p>	
<p>August (23 Days)</p>	<p>* <u>मर्षिका</u> – <u>पञ्चमः पाठः</u> - अभ ङ् सवशगं मनः</p> <p>* <u>रचनात क-कायम्</u> - ➤ ङ् अतार ङ् अतं व ङ् अथवा अनुच ङ् लेखनम् संवा पूङ्क/कथापूङ्क (कथा छ्वातस रानुगु ङ् पू ङ् व संवा ङ् /कथा लेखनीया)</p>	<p>भाषा-संवर व-गङ्कङ्कणः (ग ङ् शः श ङ् कोच र ङ् म्)</p>
<p>September (22 Days)</p>	<p>* <u>मर्षिका</u> – <u>षषः पाठः</u> – राटंरसंरक मेव ङ् <u>सपमः पाठः</u> - सारुवृर्द समाचरेत्</p> <p>* <u>व ङ् करिखण म्</u> - पुनरावृर्द कायम् आ शषशपता ङ् म् अभ ङ् सः च</p> <p>* <u>रचनात क-कायम्</u> - संवा पूङ्क/कथापूङ्क (कथा छ्वातस रानुगु ङ् पू ङ् व संवा ङ् /कथा लेखनीया)</p>	<p>भाषा-संवर व-गङ्कङ्कणः (ककायां नाट ङ् नुगु ङ् नाट ङ् ङ् नयः/से च ङ् ङ् अन त् क्क्षमत्)</p>
<p>October (17 Days)</p>	<p>* <u>मर्षिका</u> – <u>अटमः पाठः</u> – ङ् करल्-सूङ्क -सौरभम् <u>नवमः पाठः</u> – सुस ङ् गतं भो! अर ङ् चलेङ् न्</p> <p>पुनरावृर्द कायम् (व ङ् करि म् रचनात ककायम् च)</p>	<p>भाषा-संवर व-गङ्कङ्कणः (से च ङ् नुसारम्)</p>
<p>November (18 Days)</p>	<p>* <u>मर्षिका</u> – ➤ <u>शमः पाठः</u> - कालोङ्हम् (न परीक्षाकृते, केवलम् आ ङ् ङ् क्कमूल ङ् ङ् नाय)</p> <p>➤ <u>एका शः पाठः</u> – क्कं क्कम् उपाेयम् (न परीक्षाकृते, केवलम् आ ङ् ङ् क्कमूल ङ् ङ् नाय)</p> <p>पुनरावृर्द कायम् (व ङ् करि म् रचनात ककायम् च)</p>	<p>भाषा-संवर व-गङ्कङ्कणः (से च ङ् नुसारम्)</p>
<p>December (20 Days)</p>	<p>पुनरावतवम्</p>	
<p>January (21 Days)</p>	<p>पुनरावतवम्</p>	

NOTE –

- COMPLETION OF SYLLABUS FOR GRADE (X) – BY 09.11.2026
- FIRST PRE-BOARD (X) – TENTATIVELY IN THE LAST WEEK OF NOVEMBER.
- SECOND PRE-BOARD (X) - TENTATIVELY IN THE SECOND WEEK OF DECEMBER.

● अवधेयम् -

- परीक्षायै अनुपयुक्तव्याकरणस्य अंशानां चयनं यथासम्भवम् 'मणिका - द्वितीयो भागः' इति पाठ्यपुस्तकात् करणीयम्। यदि ततः न सम्भवति तर्हि 'मणिका - अभ्यासपुस्तकम् - द्वितीयो भागः' इत्यस्मात् चेतुं शक्यते।
- निर्धारित-पाठ्यपुस्तके – (1) 'मणिका'- द्वितीयो भागः (प्रकाशम् - केन्द्रीय माध्यमिक शिक्षा बोर्ड, भारतम्)
(2) 'मणिका - अभ्यासपुस्तकम् - द्वितीयो भागः (प्रकाशम् - केन्द्रीय माध्यमिक शिक्षा बोर्ड, भारतम्)

D.A.V. INSTITUTIONS, WEST BENGAL ZONE**SESSION: 2026–2027****MONTH-WISE BIFURCATED SYLLABUS****CLASS: X****SUBJECT : BENGALI**

MONTH	CHAPTERS TO BE TAUGHT	ACTIVITY/ PROJECT WORK/ GRAPH/ MAPWORK/SEA etc.
April (21 Days)	১. জ্ঞানচক্ষু ২. ব্যঞ্জন সন্ধি ৩. পোস্টমাস্টার ৪. অনুচ্ছেদ রচনা	শ্রেণিকক্ষে যে কোনো গল্প পাঠ
May(10 Days)	১. তিন পাহাড়ের কোলে ২. বোধ-পরীক্ষণ ৩. বিসর্গ সন্ধি ৪. পত্ররচনা	চিত্রসহ ভ্রমণ বর্ণনা
June (12 Days)	১. আলোবাবু ২. সমাস – দ্বন্দ্ব ৩. অনুচ্ছেদ রচনা	
July (25 Days)	১. আয় আরো বেঁধে বেঁধে থাকি ২. সমাস – কর্মধারয় ৩. বোধ-পরীক্ষণ ৪. কাবুলিওয়ালা	তাৎক্ষণিক বক্তৃতা
August (23 Days)	১. পত্ররচনা ২. সমাস – অব্যয়ীভাব	
September (22 Days)	১. অদল বদল ২. বাক্য পরিবর্তন (সরল, জটিল, যৌগিক) ৩. বোধ-পরীক্ষণ	ব্যাকরণ কুইজ
October (17 Days)	১. একাকারে ২. দান প্রতিদান ৩. সাধু ও চলিত পরিবর্তন	সমকালীন ঘটনা সম্পর্কে ভাষণ
November (18 Days)	১. বহুরূপী ২. অস্ত্রের বিরুদ্ধে গান ৩. নির্মিতি	পাঠ্য গল্পের চরিত্র বিশ্লেষণ
December (20 Days)	পুনরাবৃত্তি	

January (21 Days)	পুনরাবৃত্তি	
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NOTE –

- COMPLETION OF SYLLABUS FOR GRADE X & XII – 09.11.2026
- COMPLETION OF SYLLABUS FOR GRADE VIII, IX& XI – 24.12.2026
- FIRST PRE-BOARD (X & XII) – TENTATIVELY IN THE LAST WEEK OF NOVEMBER.
- SECOND PRE-BOARD (X & XII) - TENTATIVELY IN THE SECOND WEEK OF DECEMBER.
- MOCK TEST FOR GRADE VIII, IX & XI – TENTATIVELY IN THE FIRST WEEK OF JANUARY.

D.A.V. INSTITUTIONS, WEST BENGAL ZONE**SESSION: 2026–2027****MONTH-WISE BIFURCATED SYLLABUS****CLASS: X****SUBJECT: MATHEMATICS**

MONTH	CHAPTERS TO BE TAUGHT	ACTIVITY/ PROJECT WORK/ GRAPH/ SEA etc.
April (21 Days)	1. Real Numbers 2. Polynomials 4. Quadratic Equations	To draw the graph of a quadratic polynomial and observe the zeroes of the polynomials
May (10 Days)	4. Quadratic Equations (contd.) 6. Triangles	To establish the criteria for similarity of two triangles.
June (12 Days)	3. Pair of Linear Equations in Two Variables 8. Introduction to Trigonometry	To verify the conditions of consistency/ inconsistency for a pair of linear equations in two variables by graphical method.
July (25 Days)	8. Introduction to Trigonometry (contd.) 7. Co-ordinate Geometry 14. Probability	
August (23 Days)	5. Arithmetic Progression 10. Circles	To find the sum of first n natural numbers by graphical method.
September (22 Days)	10. Circles (contd.) 11. Areas Related to Circles	To verify that the lengths of tangents to a circle from an external point are equal.
October (17 Days)	12. Surface Areas and Volumes 9. Applications of Trigonometry	To find the height of a building using a clinometer.
November (18 Days)	13. Statistics	
December (20 Days)	Revision	
January (21 Days)	Revision	

D.A.V. INSTITUTIONS, WEST BENGAL ZONE**SESSION: 2026–2027****MONTH-WISE BIFURCATED SYLLABUS****CLASS: X****SUBJECT: SCIENCE**

MONTH	CHAPTERS TO BE TAUGHT	ACTIVITY/ PROJECT WORK/SEA etc.
April (21 Days)	<p><u>PHYSICS</u> <u>CHAPTER- 9: LIGHT: REFLECTION AND REFRACTION</u></p> <p><u>CHEMISTRY</u> <u>CHAPTER-1: CHEMICAL REACTIONS AND EQUATIONS</u></p> <p><u>BIOLOGY</u> <u>CHAPTER- 5: LIFE PROCESSES</u></p>	<p><u>PHYSICS</u> Determination of the focal length of i) Concave mirror ii) Convex lens by obtaining the image of a distant object. <u>ACTIVITY:</u> To observe the path of incident and refracted light passing through a convex lens.</p> <p><u>CHEMISTRY</u> Performing and observing the following reactions and classifying them into: A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction (i) Action of water on quicklime (ii) Action of heat on ferrous sulphate crystals. (iii) Iron nails kept in copper sulphate solution. (iv) Reaction between sodium sulphate and barium chloride solutions.</p> <p><u>BIOLOGY</u> Preparing a temporary mount of a leaf peel to show stomata. <u>ACTIVITY:</u> To show Chlorophyll is essential during photosynthesis</p>
May (10 Days)	<p><u>PHYSICS</u> <u>CHAPTER 9: LIGHT: REFLECTION AND REFRACTION</u></p> <p><u>CHEMISTRY</u> <u>CHAPTER-1: CHEMICAL REACTIONS AND EQUATIONS</u> <u>CHAPTER-2:ACIDS, BASES AND SALTS</u></p> <p><u>BIOLOGY</u> <u>CHAPTER- 5: LIFE PROCESSES (to be continued</u></p>	<p><u>PHYSICS</u> Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.</p> <p><u>CHEMISTRY</u> Finding the pH of the following samples by using pH paper/universal indicator: (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution.</p> <p><u>BIOLOGY</u> Preparing a temporary mount of a leaf peel to show stomata. <u>ACTIVITY:</u> To show Chlorophyll is essential during photosynthesis</p>

<p>June (12 Days)</p>	<p><u>PHYSICS</u> CHAPTER 10: HUMAN EYE AND THE COLOURFUL WORLD CHAPTER 11: ELECTRICITY</p> <p><u>CHEMISTRY</u> CHAPTER-2:ACIDS, BASES AND SALTS</p> <p><u>BIOLOGY:</u> CHAPTER-7: HOW DO ORGANISMS REPRODUCE?</p>	<p><u>PHYSICS</u> Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.</p> <p><u>CHEMISTRY</u> Finding the pH of the following samples by using pH paper/universal indicator: (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution. <u>ACTIVITY:</u> To investigate if all hydrogen-containing compounds are acidic, perform an experiment using solutions of glucose, alcohol, hydrochloric acid, and sulfuric acid, testing their ability to conduct electricity.</p> <p><u>BIOLOGY</u> Preparing a temporary mount of a leaf peel to show stomata.</p> <p><u>ACTIVITY:</u> To show action of saliva on starch</p>
<p>July (25 Days)</p>	<p><u>PHYSICS</u> CHAPTER 11: ELECTRICITY</p> <p><u>CHEMISTRY</u> CHAPTER -2:ACIDS, BASES AND SALTS CHAPTER-3:METALS AND NON-METALS</p> <p><u>BIOLOGY</u> CHAPTER-7: HOW DO ORGANISMS REPRODUCE? CHAPTER- 8:HEREDITY</p>	<p><u>PHYSICS</u> Tracing the path of the rays of light through a glass prism.</p> <p><u>CHEMISTRY</u> Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with: i) Litmus solution (Blue/Red) ii) Zinc metal iii) Solid sodium carbonate. <u>ACTIVITY:</u> To show that metals are good conductors of heat and have high melting points. <u>BIOLOGY</u> Experimentally show that carbon dioxide is given out during respiration. <u>ACTIVITY:</u> To show that Carbon-dioxide released during breathing</p>
<p>August (23 Days)</p>	<p><u>PHYSICS</u> CHAPTER 11: ELECTRICITY</p> <p><u>CHEMISTRY</u> CHAPTER-3:METALS AND NON-METALS</p> <p><u>BIOLOGY</u> CHAPTER- 8:HEREDITY</p>	<p><u>PHYSICS</u> Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.</p> <p><u>ACTIVITY:</u> To observe the brightness of 3 different bulbs connected in series and</p>

		<p>parallel.</p> <p><u>CHEMISTRY</u> Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: i) ZnSO₄(aq) ii) FeSO₄(aq) iii) CuSO₄(aq) iv) Al₂(SO₄)₃(aq) Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.</p> <p><u>BIOLOGY</u> Experimentally show that carbon dioxide is given out during respiration. ACTIVITY: To show that Carbon-dioxide released during breathing</p>
<p>September (22 Days)</p>	<p><u>PHYSICS</u> <u>CHAPTER 12: MAGNETIC EFFECTS OF ELECTRIC CURRENT</u></p> <p><u>CHEMISTRY</u> <u>CHAPTER- 4: CARBON AND ITS COMPOUNDS</u></p> <p><u>BIOLOGY</u> <u>CHAPTER- 6: CONTROL AND CO-ORDINATION IN ANIMALS AND PLANTS</u></p>	<p><u>PHYSICS</u> Determination of the equivalent resistance of two resistors when connected in series and parallel.</p> <p><u>CHEMISTRY</u> Study of the following properties of acetic acid (ethanoic acid): i) Odour ii) solubility in water iii) effect on litmus iv) reaction with Sodium Hydrogen Carbonate. ACTIVITY: To demonstrate the oxidizing nature of alkaline potassium permanganate (KMnO₄) using ethanol.</p> <p><u>BIOLOGY</u> Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides. Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean). ACTIVITY: To dissect out the <i>Hibiscus</i> flower and observe its various parts.</p>
<p>October (17 Days)</p>	<p><u>PHYSICS</u> <u>CHAPTER 12: MAGNETIC EFFECTS OF ELECTRIC CURRENT</u></p> <p><u>CHEMISTRY</u> <u>CHAPTER -4: CARBON AND ITS COMPOUNDS</u></p> <p><u>BIOLOGY</u> <u>CHAPTER- 6: CONTROL AND CO-ORDINATION IN ANIMALS AND PLANTS</u> <u>CHAPTER- 13: OUR ENVIRONMENT</u></p>	<p><u>PHYSICS</u> Determination of the equivalent resistance of two resistors when connected in series and parallel.</p> <p>ACTIVITY: To observe the magnetic field patterns of i) Bar magnet ii) Straight current carrying conductor iii) Circular current carrying loop.</p> <p><u>CHEMISTRY</u> Study of the comparative cleaning capacity of a sample of soap in soft and hard water.</p>

		<p><u>ACTIVITY:</u> To experimentally demonstrate an esterification reaction.</p> <p><u>BIOLOGY</u> Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).</p> <p><u>ACTIVITY:</u> To dissect out the <i>Hibiscus</i> flower and observe its various parts.</p>
<p>November (18 Days)</p>	<p><u>PHYSICS</u> <u>CHAPTER 12: MAGNETIC EFFECTS OF ELECTRIC CURRENT</u></p> <p><u>CHEMISTRY</u> <u>CHAPTER -4: CARBON AND ITS COMPOUNDS</u></p> <p><u>BIOLOGY</u> <u>CHAPTER- 13: OUR ENVIRONMENT</u></p>	
<p>December (20 Days)</p>	<p><u>PHYSICS</u> Revision</p> <p><u>CHEMISTRY</u> Revision</p> <p><u>BIOLOGY</u> Revision</p>	
<p>January (21 Days)</p>	<p><u>PHYSICS</u> Revision</p> <p><u>CHEMISTRY</u> Revision</p> <p><u>BIOLOGY</u> Revision</p>	

D.A.V. INSTITUTIONS, WEST BENGAL ZONE**SESSION: 2026–2027****MONTH-WISE BIFURCATED SYLLABUS****CLASS: X****SUBJECT: SOCIAL SCIENCE**

MONTH	CHAPTERS TO BE TAUGHT	ACTIVITY/ PROJECT WORK/SEA etc.
April (21 Days)	HISTORY: Ch 1. The Rise of Nationalism in Europe:(introduced)	Timeline on Nationalist Uprisings in Europe. Activity on Forms of Power Sharing.
	CIVICS: Ch 1. Power Sharing	
	GEOGRAPHY: Chapter 1 Resources and Development	MAP SKILL IDENTIFICATION Major Soil Types of India
	ECONOMICS: Ch 1: DEVELOPMENT ● Different people, Different goals ● Income and other goals ● National Development ● How to compare different countries or States?	-----
May (10 Days)	HISTORY: Ch 1. The Rise of Nationalism in Europe: (to be completed). Ch 2 Nationalism in India (to be continued).	Peer Assessment
	CIVICS Ch 2. Federalism.	
	GEOGRAPHY: Chapter 2. Forest and Wildlife Resources	---
	ECONOMICS: Ch 1: DEVELOPMENT ● Income and other criteria ● Public Facilities ● Human development report ●Sustainability of development.	Individual project work on Sustainable Development
June (12 Days)	HISTORY: Ch 2 Nationalism in India (to be continued).	Prepare a timeline chart depicting the chronology of significant national movements since 1916.
	CIVICS: Ch 4: Gender, Religion and Caste. (excluding image on page 46, 48, 49 of NCERT Textbook – Democratic Politics –II - reprinted edition.	

	<p>GEOGRAPHY: Chapter 3. Water Resources</p>	<p>MAP SKILL</p> <p><u>LOCATING AND LABELING</u></p> <p><i>Multipurpose River Valley Projects:</i> <input type="checkbox"/> Salal <input type="checkbox"/> Bhakra Nangal <input type="checkbox"/> Tehri <input type="checkbox"/> Rana Pratap Sagar <input type="checkbox"/> Sardar Sarovar <input type="checkbox"/> Hirakud <input type="checkbox"/> Nagarjuna Sagar <input type="checkbox"/> Tungabhadra</p>
	<p>ECONOMICS: Ch 2: SECTORS OF THE ECONOMY</p> <ul style="list-style-type: none"> ● Sectors of economic activities ● Comparing the three sectors 	<p>-----</p>
<p>July (25 Days)</p>	<p>HISTORY Ch 2. Nationalism in India (to be completed). CIVICS: Ch 6. Political Parties (to be continued)</p>	<p>Map skill: Important centres of Nationalism in India (1918 – 1930) for locating and labelling / Identification</p> <p>1. Indian National Congress Sessions:</p> <ol style="list-style-type: none"> a. Calcutta (Sep. 1920) b. Nagpur (Dec. 1920) c. Madras (1927) <p>2. Important Centres of Indian National Movement</p> <ol style="list-style-type: none"> a. Champaran (Bihar) - Movement of Indigo Planters b. Kheda (Gujarat) - Peasant Satyagraha c. Ahmedabad (Gujarat) - Cotton Mill Workers Satyagraha d. Amritsar (Punjab) - Jallianwala Bagh Incident e. Dandi (Gujarat) - Civil Disobedience Movement.
	<p>GEOGRAPHY: Chapter 4 : Agriculture</p>	<p>MAP SKILL</p> <p><u>IDENTIFICATION</u></p> <ul style="list-style-type: none"> ● Major areas of Rice and Wheat <p>Largest/Major producer states of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute</p>
	<p>ECONOMICS: Ch 2: SECTORS OF THE ECONOMY</p> <ul style="list-style-type: none"> ● Historical change in sectors ● Rising importance of tertiary sector. ● Where are most of the people employed? ● How to generate more employment? ● Organised and unorganised sector. ● How to protect workers in unorganised sector? ● Sectors in terms of ownership, Public and Private sector 	<p>Use of Multiple bar diagram to study the relative contribution of three sectors in GDP and employment generation</p>

<p>August (23 Days)</p>	<p>HISTORY: Ch 3. The Making of a Global World. - Sub Topic 1 The pre modern world upto Conquest, Disease and Trade) Ch 4.Age of Industrialization (To be assessed as part of Periodic Assessment only)</p> <p>CIVICS: Ch. 6 Political Parties (to be completed).</p>	<ul style="list-style-type: none"> ● Flow Chart ● Mind map
	<p>GEOGRAPHY: REVISION FOR HALF YEARLY</p>	<p>CBQs/Worksheets</p>
<p>September (22 Days)</p>	<p>HISTORY Ch 5. Print Culture and the Modern World.</p> <p>CIVICS: Ch 7. Outcomes of Democracy(introduced)</p> <p>GEOGRAPHY: Chapter 5. Mineral and Energy Resources.</p> <p>ECONOMICS: Ch 3: MONEY & CREDIT</p> <ul style="list-style-type: none"> ● Formal & Informal Sector ● Self Help Groups 	<p>Debate on the pros and cons of Industrialisation. Cartoon Study.</p> <p>MAP SKILL</p> <p><u>IDENTIFICATION</u></p> <p><u>Iron Ore mines:</u> <input type="checkbox"/> Mayurbhanj <input type="checkbox"/> Durg Bailadila <input type="checkbox"/> Bellary <input type="checkbox"/> Kudremukh</p> <p><u>Coal Mines:</u> <input type="checkbox"/> Raniganj <input type="checkbox"/> Bokaro <input type="checkbox"/> Talcher <input type="checkbox"/> Neyveli</p> <p><u>Oil Fields:</u> <input type="checkbox"/> Digboi <input type="checkbox"/> Naharkatia <input type="checkbox"/> Mumbai High <input type="checkbox"/> Bassien <input type="checkbox"/> Kalol <input type="checkbox"/> Ankaleshwar</p> <p><u>LOCATING & LABELLING</u></p> <p><u>Power Plants</u> – Thermal: <input type="checkbox"/> Namrup <input type="checkbox"/> Singrauli <input type="checkbox"/> Ramagundam</p> <p><u>Nuclear:</u> <input type="checkbox"/> Narora <input type="checkbox"/> Kakrapara <input type="checkbox"/> Tarapur <input type="checkbox"/> Kalpakkam</p> <p>Case study on a Self-Help Group</p>

<p>October (17 Days)</p>	<p>HISTORY Ch 5. Print Culture and the Modern World. (completed)</p> <p>CIVICS Ch 7. Outcomes of Democracy (completed)</p>	<ul style="list-style-type: none"> ● Flow Chart ● Map Work
	<p>GEOGRAPHY: Chapter 6. Manufacturing Industries</p>	<p>MAP SKILL</p> <p><u>LOCATING & LABELLING</u></p> <p><u>Cotton textile Industries:</u> a. Mumbai, b. Indore, c. Surat, d. Kanpur, e. Coimbatore</p> <p><u>Iron and Steel Plants:</u> a. Durgapur, b. Bokaro, c. Jamshedpur, d. Bhilai, e. Vijayanagar, f. Salem</p> <p><u>Software technology Parks:</u> a. Noida, b. Gandhinagar, c. Mumbai, d. Pune, e. Hyderabad, f. Bengaluru, g. Chennai, h. Thiruvananthapuram</p> <p>MAP SKILL FORM CHAPTER 7: Lifelines of National Economy</p> <p><u>LOCATING AND LABELING:</u></p> <p>a. <u>Major Sea Ports:</u> <input type="checkbox"/> Kandla <input type="checkbox"/> Mumbai <input type="checkbox"/> Marmagao <input type="checkbox"/> New Mangalore <input type="checkbox"/> Kochi <input type="checkbox"/> Tuticorin <input type="checkbox"/> Chennai <input type="checkbox"/> Visakhapatnam <input type="checkbox"/> Paradip <input type="checkbox"/> Haldia</p> <p>b. <u>International Airports:</u> <input type="checkbox"/> Amritsar (Sri Guru Ram Dasjee) <input type="checkbox"/> Delhi (Indira Gandhi) <input type="checkbox"/> Mumbai (Chhatrapati Shivaji) <input type="checkbox"/> Chennai (Meenam Bakkam) <input type="checkbox"/> Kolkata (Netaji Subhash Chandra Bose) <input type="checkbox"/> Hyderabad (Rajiv Gandhi)</p>
	<p>ECONOMICS: Ch 4: GLOBALISATION</p> <ul style="list-style-type: none"> ● What is Globalization? ● Factors that have enabled Globalisation ● Production across the countries ● World Trade Organisation ● The Struggle for a Fair Globalisation 	<p>Interdisciplinary Project (with History and Geography)</p> <p>Subtopics to be covered:</p> <ol style="list-style-type: none"> i. Production across the countries ii. World Trade Organisation iii. The Struggle for a Fair Globalisation

November (18 Days)	HISTORY- Revision CIVICS – Revision GEOGRAPHY - Revision ECONOMICS - Revision	<ul style="list-style-type: none"> ● Mind map ● Concept map ● Sample SQPs ● Worksheets ● CBQs
December (20 Days)	<p style="text-align: center;">REVISION</p>	
January (21 Days)	<p style="text-align: center;">REVISION</p>	

D.A.V. INSTITUTIONS, WEST BENGAL ZONE
SESSION: 2026–2027
MONTH-WISE BIFURCATED SYLLABUS OF X
SUBJECT: ARTIFICIAL INTELLIGENCE (417)

MONTH	CHAPTERS TO BE TAUGHT	PRACTICAL/ PROJECT etc.
April (21 Days)	Employability Skills : unit 1: Communication Skills-II Subject Specific Skills: unit 1: Revisiting AI Project Cycle & Ethical Frameworks for AI	Session: Jupyter Notebook Understand to work with Jupyter Notebook, creating virtual environments, installing Python Packages.
May(10 Days)	Employability Skills : Unit 2: Self-Management Skills-II	Session: Introduction to Python Able to write basic Python programs using fundamental concepts such as variables.
June (12 Days)	Subject Specific Skills: Unit 2: Advanced Concepts of Modelling in AI	Session: Introduction to Python Able to write basic Python programs using fundamental concepts such as data types, operators.
July (25 Days)	Subject Specific Skills: Unit 3: Evaluating Models	Session: Introduction to Python Able to write basic Python programs using fundamental concepts such as control structures.
August (23 Days)	Employability Skills : Unit 3: ICT Skills-II	Session: Python Basics Able to use Python built-in functions and libraries.
September (22 Days)	Employability Skills : Unit 4: Entrepreneurial Skills-II Subject Specific Skills: Unit 5: Computer Vision	Session: Understanding CV Concepts <ul style="list-style-type: none"> • Computer Vision Tasks • Basics of Images-Pixel, Resolution, Pixel value • Gray scale and RGB images
October (17 Days)	Subject Specific Skills: Unit 6: Natural Language Processing	Session: Various real-life applications of NLP Session: No code AI tool <ul style="list-style-type: none"> • Introduction to Data Science & its applications • Meaning of No-Code AI • No-Code and Low-Code. • Some no-code tools • Important concepts in Statistics. • Orange data mining • AI project cycle in Orange data mining (Palmer penguins case study) Activity: MS Excel for Statistical Analysis.
November (18 Days)	Employability Skills : Unit 5: Green Skills-II & Revision	AI Project Development Using <ol style="list-style-type: none"> 1. Statistical Data for AI: Prediction of palmer penguin species 2. CV: Early detection of coral bleaching 3. NLP: Sentiment Analysis
December (20 Days)	Revision	Revision
January (21 Days)	Revision	Revision