



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

**National Education Society for Tribal Students**

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

# CLASS XII

**CLASS XII**
**SUBJECT- HINDI CORE (302)**

क्र. स.	महीना	कार्य दिवसों की संख्या	पाठ्यपुस्तक/पाठ का नाम आरोह भाग-2, वितान भाग-2, अभिव्यक्ति और माध्यम तथा रचनात्मक लेखन	शिक्षण सामग्री/ई-सामग्री/ नवीन दृष्टिकोण / नवाचार	परीक्षा/ मूल्यांकन
1.	अप्रैल & मई	20	1. महादेवी वर्मा-भक्तिन 2. बाज़ार दर्शन -जैनेद्र कुमार 3. हरिवंशराय बच्चन-आत्म परिचय, दिन जल्दी-जल्दी ढलता है। 4. पतंग-आलोक धन्वा 5. अभिव्यक्ति और माध्यम पाठ 3 एवं 4	पी.पी.टी., गूगल फॉर्म प्रश्नोत्तरी भक्तिन <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130915436367872001710">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130915436367872001710</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130915447580262401589">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130915447580262401589</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130915456373882881590">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130915456373882881590</a> आत्म परिचय <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31312415806276403211459">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31312415806276403211459</a> एक गीत <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31312415946693017611460">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31312415946693017611460</a>	मासिक परीक्षा
			1. रचनात्मक लेखन	पी.पी.टी. गूगल फॉर्म प्रश्नोत्तरी बाज़ार दर्शन <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3131100202296688641632">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3131100202296688641632</a>	

				<a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31311002036809728011122">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31311002036809728011122</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3131100205071974401633">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3131100205071974401633</a> पतंग <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31307754089163980817671">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31307754089163980817671</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313077542065324032111049">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313077542065324032111049</a>	
2.	जून	8	1) धर्मवीर भारती-काले मेघा पानी दे  2) कुंवर नारायण-कविता के बहाने, बात सीधी थी पर  3) अभिव्यक्ति और माध्यम पाठ 5. विशेष लेखन स्वरूप और प्रकार  4). अपठित बोध - गद्यांश 5) रचनात्मक लेखन	पी.पी.टी.. गूगल फॉर्मप्रश्नोत्तरी काले मेघा पानी दें <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309418644022067211900">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309418644022067211900</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309418794915430411687">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309418794915430411687</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309418993310924811901">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309418993310924811901</a> कविता के बहाने बात सीधी थी पर <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308388270540390412221">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308388270540390412221</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308388369021337611137">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308388369021337611137</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308399730125209611050">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308399730125209611050</a>	मासिक परीक्षा
3.	जुलाई	25	1. मनोहर श्याम जोशी सिल्वर वेडिंग 2. फणीश्वर नाथ 'रेणु' - पहलवान की ढोलक 3. रघुवीर सहाय - कैमरे में बंद अपाहिज । 4. कहानी का नाट्य रूपांतरण ।	पी.पी.टी.. गूगल फॉर्मप्रश्नोत्तरी ई सामग्री सिल्वर वेडिंग <a href="https://diksha.gov.in/play/collection/do_3130045107563642881283?contentId=do_431362875918644838411217">https://diksha.gov.in/play/collection/do_3130045107563642881283?contentId=do_431362875918644838411217</a> पहलवान की ढोलक <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31311002064679731211123">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31311002064679731211123</a>	मासिक परीक्षा

				<a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31311002078549606411124">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31311002078549606411124</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3131100209270374401634">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3131100209270374401634</a> कैमरे में बंद अपाहिज <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308388651128422411652">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308388651128422411652</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308389558676684812587">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308389558676684812587</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308390283341824011019">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31308390283341824011019</a> कैसे करें कहानी का नाट्य रूपांतरण <a href="https://diksha.gov.in/play/content/do_31311182352493772811248">https://diksha.gov.in/play/content/do_31311182352493772811248</a>	
4.	अगस्त	24	1. आनंद यादव-जूझ  2. शमशेर बहादुर सिंह - उषा  3. सूर्य कान्त त्रिपाठी निराला - बादल राग    4 फ्रीचर एवम आलेख लेखन    5. अपठित बोध गद्यांश	पी.पी.टी.,  गूगल फॉर्मप्रश्नोत्तरी जूझ ई सामग्री  <a href="https://diksha.gov.in/play/collection/do_3130045107563642881283?contentId=do_431362875918731673611218">https://diksha.gov.in/play/collection/do_3130045107563642881283?contentId=do_431362875918731673611218</a> उषा  <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130902527523143681399">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130902527523143681399</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130902546109808641400">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130902546109808641400</a> <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130902567215759361293">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130902567215759361293</a>	मासिक परीक्षा
5.	सितंबर	22	1. ओम थानवी-अतीत में दबे पाँव  2. हजारी प्रसाद द्विवेदी - शिरीष के फूल    3. तुलसीदास-कवितावली, लक्ष्मण मूर्छा व राम विलाप	पी.पी.टी..  गूगल फॉर्मप्रश्नोत्तरी अतीत में दबे पाँव ई सामग्री  <a href="https://diksha.gov.in/play/collection/do_3130045107563642881283?contentId=do_431362875918733312011219">https://diksha.gov.in/play/collection/do_3130045107563642881283?contentId=do_431362875918733312011219</a>  हड़प्पा संस्कृति वीडियो <a href="https://www.youtube.com/watch?v=obWgvA6L2HA">https://www.youtube.com/watch?v=obWgvA6L2HA</a> शिरीष के फूल	HALF YEARLY

			<p>4. कैसे बनता है रेडियो नाटक  </p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313095290823008256167">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313095290823008256167</a>  <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313095292722626560168">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313095292722626560168</a>  <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313095294293417984169">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_313095294293417984169</a>  कवितावली  <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309350476040601611037">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309350476040601611037</a>  <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309350594371584011140">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309350594371584011140</a>  <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309350731501568011496">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309350731501568011496</a>  लक्ष्मण मूर्च्छा और राम का विलाप  <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309351019861606411640">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309351019861606411640</a>  <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309351116728729611040">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309351116728729611040</a>  <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309351201359462411141">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309351201359462411141</a>  कैसे बनता है रेडियो नाटक  <a href="https://diksha.gov.in/play/content/do_31311226134369075211078">https://diksha.gov.in/play/content/do_31311226134369075211078</a></p>	
6.	अक्टूबर	16	<p>1. भीम राव अम्बेडकर-श्रम विभाजन और जाति प्रथा, मेरी कल्पना का आदर्श समाज  </p> <p>2. फिराक गोरखपुरी-रुबाइयाँ</p> <p>3. उमा शंकर जोशी-छोटा मेरा खेत, बगुलों के पंख</p> <p>पी.पी.टी.  गूगल फॉर्मप्रश्नोत्तरी  श्रम विभाजन और जाति प्रथा  <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993583854059521844">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993583854059521844</a>  <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993591276257281508">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993591276257281508</a>  <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993599646515201846">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993599646515201846</a>  मेरी कल्पना का आदर्श समाज  <a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993605356093441847">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993605356093441847</a></p>	मासिक परीक्षा

			<p>4. अप्रत्याशित विषयों पर रचनात्मक लेखन।</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993613566689281655">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993613566689281655</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993618722570241848">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_3130993618722570241848</a></p> <p>छोटा मेरा खेत चौकोना</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419210055680011434">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419210055680011434</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419349145190411730">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419349145190411730</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419499683020811475">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419499683020811475</a></p> <p>बगुलों के पंख</p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419622432768011689">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419622432768011689</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419712488243211435">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419712488243211435</a></p> <p><a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419786221158411436">https://diksha.gov.in/play/collection/do_31310347536844390411082?contentId=do_31309419786221158411436</a></p>	
7.	नवम्बर	22	<p>1. कहानी का नाट्य रूपांतरण ।</p> <p>2. पत्रकारिता और जन संचार माध्यमों के लिए लेखन ।</p> <p>पी.पी.टी..</p> <p>यू टूब विडियो,</p> <p>गूगल फॉर्म प्रश्नोत्तरी</p> <p>कैसे करें कहानी का नाट्य रूपांतरण</p> <p><a href="https://diksha.gov.in/play/content/do_31311182352493772811248">https://diksha.gov.in/play/content/do_31311182352493772811248</a></p>	प्रथमपूर्व बोर्ड परीक्षा
8.	दिसम्बर	18	<p>छात्र सहायक सामग्री द्वारा अभ्यास कार्य</p> <p>पुनरावृत्ति एवम् प्री-बोर्ड परीक्षाओं के लिए तैयारी।</p> <p>छात्र सहायक सामग्री यू टूब विडियो,</p> <p>गूगल फॉर्म प्रश्नोत्तरी</p>	द्वितीय पूर्व बोर्ड परीक्षा
9.	जनवरी 2025	24	<p>सी बी एस ई द्वारा निर्देशित आदर्श प्रश्नपत्र का हल, पूर्व बोर्ड परीक्षा की गलतियों का सुधारकार्य, प्रत्येक छात्र की परीक्षा संबंधी समस्याओं के</p> <p>प्रश्न पत्र हल संबंधी पी.पी.टी., यू टूब विडियो, वेब लिंक्स</p>	श्रवण तथा वचन मूल्यांकन परियोजना

			निवारण हेतु प्रयत्न   आंतरिक मूल्यांकन हेतु निर्धारित परियोजना का समर्पण एवं मौखिक का आयोजन		कार्य मूल्यांकन
10.	फरवरी	22	बार बार अभ्यास कार्य, मंदग्राही छात्रों के लिए विशेष उपचार कार्य	छात्र सहायक सामग्री	

### Useful E-resources

आरोह भाग-2 on DIKSHA.	<a href="https://diksha.gov.in/play/collection/do_31310347536844390411082?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/collection/do_31310347536844390411082?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>
Audio Books आरोह भाग 2	<a href="https://ciet.nic.in/pages.php?id=aaroh-ii&amp;ln=en">https://ciet.nic.in/pages.php?id=aaroh-ii&amp;ln=en</a>
Audio Books वित्तान भाग 2	<a href="https://ciet.nic.in/pages.php?id=vitaan-ii&amp;ln=en">https://ciet.nic.in/pages.php?id=vitaan-ii&amp;ln=en</a>
हिन्दी शब्द सिन्धु	<a href="https://hindishabdsindhu.rajbhasha.gov.in/">https://hindishabdsindhu.rajbhasha.gov.in/</a>
Alternative calendar	<a href="https://ncert.nic.in/pdf/AAC_HigherSecondary_Hin.pdf">https://ncert.nic.in/pdf/AAC_HigherSecondary_Hin.pdf</a> =



**CLASS XII****SUBJECT- MATHEMATICS (041)**

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April & May, 2025	20	Relation and Functions, Inverse Trigonometric functions, Matrices	Use of Graph , <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap201.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap201.pdf</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap202.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap202.pdf</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap203.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap203.pdf</a>	Monthly Test
				Use of PPT, MATRICES	Class test /Slip test
2	June, 2025	8	Determinants	Practice Through Worksheets and PPT <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap204.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap204.pdf</a>	Monthly Test
3	July, 2025	25	Limits and Derivatives Application of Derivatives	Practice Through Worksheets and use of Graph <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap205.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap205.pdf</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap206.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap206.pdf</a>	Periodic Test - 1
4	August, 2025	24	Integrals and Application of Integrals	Use of Mind Map and Worksheets <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap207.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap207.pdf</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap208.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap208.pdf</a>	Monthly Test
5	September, 2025	22	Differential Equations and Vector Algebra	Use of 3-D space with using Internet <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap209.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap209.pdf</a>	Half Yearly Examination/ Periodic Test - 2

				<a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap210.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap210.pdf</a>	
6	October, 2025	16	3-D Geometry and LPP	Use of Graph <a href="https://docs.google.com/presentation/d/1T7roF2hw3Hm-mLODDPS0eML1jpYONG7/edit?usp=sharing&amp;oid=107923585722659418500&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1T7roF2hw3Hm-mLODDPS0eML1jpYONG7/edit?usp=sharing&amp;oid=107923585722659418500&amp;rtpof=true&amp;sd=true</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap211.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap211.pdf</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap212.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap212.pdf</a>	Periodic Test - 3
7	November, 2025	22	Probability	Data collection with involvement of class <a href="https://docs.google.com/presentation/d/1IRDgPxMZyxrxbJQWi_KIWkwP5YtgQ7d/edit?usp=sharing&amp;oid=107923585722659418500&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1IRDgPxMZyxrxbJQWi_KIWkwP5YtgQ7d/edit?usp=sharing&amp;oid=107923585722659418500&amp;rtpof=true&amp;sd=true</a> <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap213.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/mathematics/leap213.pdf</a>	Pre Board - 1
8	December, 2025	18	REVISION	<a href="https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Maths-SQP.pdf">https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Maths-SQP.pdf</a> <a href="https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Maths-MS.pdf">https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Maths-MS.pdf</a>	Pre Board 2
9	January, 2025	24	REVISION	<a href="https://homeworksonline.files.wordpress.com/2022/10/maths-12.pdf?force_download=true">https://homeworksonline.files.wordpress.com/2022/10/maths-12.pdf?force_download=true</a>	Revision/ Pre Board – 3/Board Practical examination
10	February, 2025	22	REVISION	<a href="https://kumarsir34.files.wordpress.com/2022/12/ml-study-materials-maths-class-xii-2022-23.pdf">https://kumarsir34.files.wordpress.com/2022/12/ml-study-materials-maths-class-xii-2022-23.pdf</a>	Revision/ CBSE Board Examination
11	March, 2025		CBSE Board Examination		

**CLASS XII**
**SUBJECT- PHYSICS (042)**

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/ examination to be conducted
1	April & May 2025	20	UNIT-1: Electrostatics (26 periods) <ul style="list-style-type: none"> <li>Chapter–1: Electric Charges and Fields</li> <li>Chapter–2: Electrostatic Potential and Capacitance</li> </ul> <b><u>SECTION-A</u></b> <ul style="list-style-type: none"> <li>EXPERIMENT-1</li> <li>EXPERIMENT-2</li> </ul> <b><u>SECTION-A</u></b> ACTIVITY-1	<a href="https://diksha.gov.in/play/content/do_3134595678748016641324?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_3134595678748016641324?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	Class Test /Monthly test (Chapter wise/ Topic wise)
			UNIT-1: Electrostatics cont... <ul style="list-style-type: none"> <li>Chapter–1: Electric Charges and Fields</li> <li>Chapter–2: Electrostatic Potential and Capacitance</li> </ul>	<a href="https://diksha.gov.in/play/content/do_4313342832212762624116736?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_4313342832212762624116736?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>  <a href="http://physics.bu.edu/~duffy/semester2/d03_shielding.html">http://physics.bu.edu/~duffy/semester2/d03_shielding.html</a>  <a href="http://physics.bu.edu/~duffy/semester2/c01_magnitude.html">http://physics.bu.edu/~duffy/semester2/c01_magnitude.html</a>	Holiday Home works to be given. Investigatory project to be allotted to students.
2	June, 2025	08	Unit II: Current Electricity (18 periods) <ul style="list-style-type: none"> <li>Chapter–3: Current Electricity</li> </ul> <b><u>SECTION-A</u></b> <ul style="list-style-type: none"> <li>EXPERIMENT-3</li> </ul> <b><u>SECTION-A</u></b>	<a href="https://diksha.gov.in/play/content/do_4313342832212992000116757?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_4313342832212992000116757?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	Class Test -Chapter wise/ Topic wise

			<ul style="list-style-type: none"> <li>ACTIVITY- 2</li> </ul>	<a href="http://physics.bu.edu/~duffy/semester2/c09_current.html">http://physics.bu.edu/~duffy/semester2/c09_current.html</a>  <a href="http://physics.bu.edu/~duffy/semester2/c11_kirchoff.html">http://physics.bu.edu/~duffy/semester2/c11_kirchoff.html</a>  <a href="https://amrita.olabs.edu.in/?sub=1&amp;brch=6&amp;sim=22&amp;cnt=1">https://amrita.olabs.edu.in/?sub=1&amp;brch=6&amp;sim=22&amp;cnt=1</a>	
3	July, 2025	25	Unit III: Magnetic Effects of Current and Magnetism (25 periods) <input type="checkbox"/> Chapter–4: Moving Charges and Magnetism <input type="checkbox"/> Chapter–5: Magnetism and Matter <b>SECTION-A</b> <input type="checkbox"/> EXPERIMENT-4 <b>SECTION-A</b> <input type="checkbox"/> ACTIVITY- 3	<a href="https://diksha.gov.in/play/content/do_431340726144229376012030?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431340726144229376012030?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>  <a href="http://physics.bu.edu/~duffy/semester2/c14_forcewires.html">http://physics.bu.edu/~duffy/semester2/c14_forcewires.html</a>	Class Test /Monthly test (Chapter wise/ Topic wise)
4	August, 2025	24	Unit IV: Electromagnetic Induction and Alternating Currents (24 periods) <input type="checkbox"/> Chapter–6: Electromagnetic Induction <input type="checkbox"/> Chapter–7: Alternating Current <b>SECTION-B</b> <input type="checkbox"/> EXPERIMENT-1 <input type="checkbox"/> EXPERIMENT-2 <b>SECTION-B</b> <input type="checkbox"/> ACTIVITY – 1 Unit V: Electromagnetic waves (4 periods) <input type="checkbox"/> Chapter–8: Electromagnetic Waves	<a href="https://diksha.gov.in/play/content/do_431340726144235929612036?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431340726144235929612036?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>  <a href="https://diksha.gov.in/play/content/do_431340726144258867212053?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431340726144258867212053?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>  <a href="https://diksha.gov.in/play/content/do_431340726144280985612072?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431340726144280985612072?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	Class Test /Monthly test (Chapter wise/ Topic wise)

5	September, 2025	22	<p>Unit VI: Optics (Total 30 periods ) ( Ray optics – 20, Wave optics – 10)</p> <p><input type="checkbox"/> Chapter–9: Ray Optics and Optical Instruments ( 20 periods)</p> <p><input type="checkbox"/> Chapter–10: Wave Optics (10 periods)</p> <p><b>SECTION-B</b></p> <p><input type="checkbox"/> EXPERIMENT-3</p> <p><b>SECTION-B</b></p> <p><input type="checkbox"/> ACTIVITY- 2</p>	<p><a href="https://diksha.gov.in/play/content/do_431340726126871347211133?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431340726126871347211133?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><a href="http://physics.bu.edu/~duffy/semester2/c24_refraction.html">http://physics.bu.edu/~duffy/semester2/c24_refraction.html</a></p> <p><a href="http://physics.bu.edu/~duffy/semester2/c28_lenses.html">http://physics.bu.edu/~duffy/semester2/c28_lenses.html</a></p>	Mid-term exam / Half -yearly exam
6	October, 2025	16	<p><input type="checkbox"/> Chapter–10: Wave Optics <b>contd.,</b></p> <p>Unit VII: Dual Nature of Radiation and Matter (8 periods)</p> <p><input type="checkbox"/> Chapter–11: Dual Nature of Radiation and Matter</p> <p><b>SECTION-B</b></p> <p><input type="checkbox"/> EXPERIMENT-4</p> <p><input type="checkbox"/> ACTIVITY-3</p> <p>Unit VIII: Atoms and Nuclei (15 periods)</p> <p><input type="checkbox"/> Chapter–12: Atoms (7 periods)</p>	<p><a href="https://diksha.gov.in/play/content/do_431340726126849228811115?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431340726126849228811115?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><a href="https://diksha.gov.in/play/content/do_431340726126846771211113?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431340726126846771211113?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><a href="http://physics.bu.edu/~duffy/semester2/c25_intensity_doublesource.html">http://physics.bu.edu/~duffy/semester2/c25_intensity_doublesource.html</a></p> <p><a href="http://physics.bu.edu/~duffy/semester2/c34_photoelectric.html">http://physics.bu.edu/~duffy/semester2/c34_photoelectric.html</a></p> <p><a href="http://physics.bu.edu/~duffy/semester2/c37_deBroglie.html">http://physics.bu.edu/~duffy/semester2/c37_deBroglie.html</a></p> <p>Choice of experiments &amp; activities may vary according to individual Physics Department of the Vidyalaya. As per CBSE, 4 experiments and 3 activities are to be performed from each section. Total 8 experiments and 6 activities are to be recorded.</p>	Class Test / Monthly Test (Chapter wise/ Topic wise)

7	November, 2025	22	<input type="checkbox"/> Chapter–13: Nuclei (8 periods)  Unit IX: Electronic Devices (10 periods) <input type="checkbox"/> Chapter–14: Semiconductor electronics: Materials, devices and simple circuits  <b>REVISION FOR FIRST PRE-BOARD</b>	<a href="https://diksha.gov.in/play/content/do_43134313243616296961677?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134313243616296961677?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>  <a href="https://diksha.gov.in/play/content/do_43134313243616624641680?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134313243616624641680?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>  <a href="http://physics.bu.edu/~duffy/semester2/c37_energylevels.html">http://physics.bu.edu/~duffy/semester2/c37_energylevels.html</a> Teachers to refer CBSE syllabus for theory and Practical.	Syllabus completion  Revision  Pre -Board Exam-1
8	December, 2025	18	<b>Revision Work and Remedial classes.</b>		Revision
9	January, 2025	24	<b>Remedial classes, Pre Board Examinations-2 Pre Board Practical Examination</b>	Revision of the topics in which students need more practice or having low performance	Revision Pre -Board Exam-2
10	February, 2025	22	<b>Practical Examination , Remedial classes</b>	Revision of the topics in which students need more practice or having low performance	Revision
11	March, 2025	CBSE – Examination 2025			

**CLASS XII**
**SUBJECT- CHEMISTRY (043)**

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April & May 2025	20	<p><b>1. SOLUTIONS:( 7 Marks)</b> Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, Raoult's law, colligative properties - relative lowering of vapour pressure, elevation of boiling point, depression of freezing point, osmotic pressure, determination of molecular masses using colligative properties, abnormal molecular mass, Van't Hoff factor.</p> <p><b>2. ELECROCHEMISTRY:( 9 Marks)</b> Redox reactions, EMF of a cell, Standard electrode potential, Nernst equation and its application to chemical cells, Relation between Gibbs energy change and EMF of a cell, conductance in electrolytic solutions, specific and molar conductivity, variations of conductivity with concentration, Kohlrausch's Law, electrolysis and law of electrolysis (elementary idea), dry cell-electrolytic cells and Galvanic Cells, lead accumulator, fuel cells, corrosion.</p>	<p>1. Small classroom activities to explain the meaning of solute, solvent &amp; solutions and also identification of solutes and solvents of some solutions given.</p> <p>2. Correlation between the osmosis and transport mechanism of ions in plants and animals (Interdisciplinary study)</p> <p>3. Exemplar problems NCERT  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep502.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep502.pdf</a></p> <p><b>PRACTICALS</b></p> <p>1. Determination of molarity of <math>\text{KMnO}_4</math> solution by titrating it against a standard solution of:                      (a) Oxalic acid, (b) Ferrous Ammonium Sulphate (Students will be required to prepare standard solutions by weighing themselves).</p> <p>1. Determination of resistance of a conductor using meter bridge ( Interdisciplinary concept)  <a href="https://youtu.be/JTvzP7HrMxU">https://youtu.be/JTvzP7HrMxU</a> - Meity Olabs</p>	MONTHLY TEST 1
				<p>2. Exemplar problems NCERT  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep503.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leep503.pdf</a></p> <p><b>3. MCQ</b>  <a href="https://diksha.gov.in/play/content/do_3130908567573053441495?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_3130908567573053441495?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p>	SLIP TEST

				<b>PRACTICALS</b> 1. Experimental set up of Daniel cell.  2. To study variation of cell <b>Potential</b> $\text{Zn}/\text{Zn}^{2+} // \text{Cu}^{2+}/\text{Cu}$ with changes with concentration of electrolytes	
2	June, 2025	8	<b>3.CHEMICAL KINETICS (7 Marks)</b> Rate of a reaction (Average and instantaneous rate), factors affecting rate of reaction concentration, temperature, catalyst; order and molecularity of a reaction, rate law and specific rate constant integrated rate equations and half-life (only for zero and first order reactions), concept of collision theory (elementary idea, no mathematical treatment), activation energy, Arrhenius equation.	1. Concept of integration and derivation of integral rate expression (inter disciplinary approach of Mathematics and chemistry) 2. Concept of probability and collision theory on rate of reaction (inter disciplinary approach of Mathematics and chemistry)  3. Exemplar problems NCERT <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap504.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap504.pdf</a>  <b>PRACTICAL</b> 1. To study experimentally the effect of concentration and temperature on the rate of reaction between Sodium thiosulphate and Hydrochloric acid.	MONTHLY TEST 2
3	July, 2025	25	<b>4. d and f Block Elements:( 7 Marks)</b> General introduction, Electronic configuration, occurrence and characteristics of transition metals, general trends in properties of the first- row transition metals – metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation, preparation and properties of $\text{K}_2\text{Cr}_2\text{O}_7$ and $\text{KMnO}_4$ . Lanthanoids – Electronic configuration, oxidation states,	1. Use of periodic table to explain position of d and f block elements. 2. Comparative study of lanthanoids and actinoids 3. Mind maps of chemical reactions of $\text{KMnO}_4$ and $\text{K}_2\text{Cr}_2\text{O}_7$ 4. Exemplar problems NCERT <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap504.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap504.pdf</a>  <b>PRACTICALS</b> 2. Qualitative analysis	MONTHLY TEST 3



			<p>chemical reactivity and lanthanoid contraction and its consequences.</p> <p>Actinoids - Electronic configuration, oxidation states and comparison with lanthanoids.</p> <p><b>5. Coordination Compounds (7 Marks)</b></p> <p>Introduction, ligands, coordination number, colour, magnetic properties and shapes, IUPAC nomenclature of mononuclear coordination compounds. Bonding, Werner's theory, VBT, and CFT; structure and stereoisomerism, the importance of coordination compounds (in qualitative analysis, extraction of metals and biological system).</p>	<p>Determination of one anion and one cation in a given salt. Cation: <math>\text{Pb}^{2+}</math>, <math>\text{Cu}^{2+}</math>, <math>\text{As}^{3+}</math>, <math>\text{Al}^{3+}</math>, <math>\text{Fe}^{3+}</math>, <math>\text{Mn}^{2+}</math>, <math>\text{Zn}^{2+}</math>, <math>\text{Ni}^{2+}</math>, <math>\text{Ca}^{2+}</math>, <math>\text{Sr}^{2+}</math>, <math>\text{Ba}^{2+}</math>, <math>\text{Mg}^{2+}</math>, <math>\text{NH}_4^+</math></p> <p>Anions: <math>\text{CO}_3^{2-}</math>, <math>\text{S}^{2-}</math>, <math>\text{SO}_3^{2-}</math>, <math>\text{NO}_2^-</math>, <math>\text{SO}_4^{2-}</math>, <math>\text{Cl}^-</math>, <math>\text{Br}^-</math>, <math>\text{I}^-</math>, <math>\text{PO}_4^{3-}</math>, <math>\text{C}_2\text{O}_4^{2-}</math>, <math>\text{CH}_3\text{COO}^-</math>, <math>\text{NO}_3^-</math> (Note: Insoluble salts excluded)</p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap509.pdf">1. Exemplar NCERT</a>  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap509.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap509.pdf</a></p>	
4	August, 2025	24	<p><b>6. HALOALKANES AND HALOARENES: (6 Marks)</b></p> <p>Haloalkanes: Nomenclature, nature of C–X bond, physical and chemical properties, optical rotation mechanism of substitution reactions.</p> <p>Haloarenes: Nature of C–X bond, substitution reactions (Directive influence of halogen in monosubstituted compounds only). Uses and environmental effects of dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.</p> <p><b>7. ALCOHOLS, PHENOLS AND ETHERS : (6 Marks)</b></p> <p>Alcohols: Nomenclature, methods of preparation, physical and chemical properties (of primary alcohols only), identification of primary, secondary and tertiary alcohols,</p>	<p>1. Mind maps of organic reactions</p> <p>2. Exemplar problems NCERT  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap510.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap510.pdf</a></p> <p>1. Mind map of chemical reactions</p> <p>2. Experimental demonstration of chemical properties of alcohols and phenols.</p>	PERIODIC/CUMULATIVE TEST 1

			<p>mechanism of dehydration, uses with special reference to methanol and ethanol.</p> <p>Phenols: Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophilic substitution reactions, uses of phenols</p> <p>Ethers: Nomenclature, methods of preparation, physical and chemical properties, uses.</p>	<p>3. Reactions of phenol, preparation and physical properties of ether  <a href="https://diksha.gov.in/play/content/do_31347577187237068811554?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_31347577187237068811554?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p>4. Chemical properties of Alcohols  <a href="https://diksha.gov.in/play/content/do_3134757718754575361160?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_3134757718754575361160?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p>5. Exemplar problems NCERT  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap511.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap511.pdf</a></p> <p><b>6. MCQ</b>  <a href="https://diksha.gov.in/play/content/do_31307602311417856110994?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_31307602311417856110994?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><b>PRACTICALS</b></p> <p>1. Tests for the functional groups present in organic compounds: Unsaturation, alcoholic, phenolic, groups.  <a href="http://amrita.olabs.edu.in/?sub=73&amp;brch=8&amp;sim=141&amp;cnt=1">http://amrita.olabs.edu.in/?sub=73&amp;brch=8&amp;sim=141&amp;cnt=1</a></p> <p>oLab</p>	
5	September, 2025	22	<p><b>8.ALDEHYDES, KETONES AND CARBOXYLIC ACIDS : (8 Marks)</b></p> <p>Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties, mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes, Uses.</p>	<p>1. Mind maps of organic reactions</p> <p>2. Demonstration of some chemical properties of carboxylic acids  <a href="https://youtu.be/di4pMJciJ_Y">https://youtu.be/di4pMJciJ_Y</a></p> <p>ePathasala</p>	PERIODIC/CUMULATIVE TEST 2

			<p>Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses.</p>	<p>3. Nucleophilic addition reactions, oxidation and reduction of aldehydes and ketones  <a href="https://diksha.gov.in/play/content/do_31347577194618880011556?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_31347577194618880011556?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p>4. Test for aldehydes  <a href="https://diksha.gov.in/play/content/do_31338232260381900812283?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_31338232260381900812283?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p>5. Exemplar problems NCERT  <a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap512.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap512.pdf</a></p> <p><b>6. MCQ</b>  <a href="https://diksha.gov.in/play/content/do_3129960972655329281101?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_3129960972655329281101?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><b>PRACTICALS</b></p> <p>1. Tests for the functional groups present in organic compounds: aldehydic, ketonic, groups and carboxylic acid group.</p> <p>Tests to distinguish between pair of compounds like  a) phenol and carboxylic acids b) aldehydes and ketones</p>	
6	October, 2025	16	<p><b>9. AMINES: (6 Marks)</b></p> <p>Nomenclature, classification, structure, methods of preparation, <b>Physical and Chemical</b> properties, <b>uses</b> and Identification of <b>Primary, Secondary and Tertiary Amines</b></p>	<p>1. Mind maps for understanding of reactions.</p> <p>2. Structure, Classification, Nomenclature and Preparation of Amines  <a href="https://diksha.gov.in/play/content/do_3134757722716323841172?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_3134757722716323841172?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p>	MONTHLY TEST 4

			<p>Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry.</p>	<p>3. Preparation of diazonium salts</p> <p><a href="https://diksha.gov.in/play/content/do_43134071698527846401948?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134071698527846401948?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p>4. Exemplar problems NCERT</p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap513.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap513.pdf</a></p> <p><b>5. MCQ</b></p> <p><a href="https://diksha.gov.in/play/content/do_3129960973247119361100?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_3129960973247119361100?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p><b>PRACTICAL</b></p> <p>1. Chromatography: Separation of pigments from extracts of leaves and flowers by paper chromatography and determination of R<sub>f</sub> values.</p> <p><a href="http://amrita.olabs.edu.in/?sub=73&amp;brch=8&amp;sim=133&amp;cnt=1">http://amrita.olabs.edu.in/?sub=73&amp;brch=8&amp;sim=133&amp;cnt=1</a></p>	
7	November, 2025	22	<p><b>10. BIOMOLECULES (7Marks)</b></p> <p><b>Carbohydrates</b> Classification (aldoses and ketoses), monosaccharides (glucose and fructose), D-L configuration oligosaccharides (sucrose, lactose, maltose), polysaccharides(starch, cellulose, glycogen);Importance of carbohydrates.</p> <p><b>Proteins</b> -Elementary idea of amino acids, peptide bond, polypeptides, proteins, structure of proteins - primary, secondary, tertiary structure and quaternary structures (qualitative idea only), denaturation of proteins;</p> <p><b>enzymes. Hormones</b> - Elementary idea excluding structure.</p>	<p>1. PPT on structure and reactions of glucose</p> <p>2.Monosaccharide: Glucose</p> <p><a href="https://diksha.gov.in/play/content/do_43134071698528337921952?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_43134071698528337921952?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p>3. Exemplar problems NCERT</p> <p><a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap514.pdf">https://ncert.nic.in/pdf/publication/exemplarproblem/classXII/chemistry/leap514.pdf</a></p> <p>4. <b>CCT QUESTIONS</b></p> <p><a href="https://cbseacademic.nic.in/qbclass12.html">https://cbseacademic.nic.in/qbclass12.html</a></p> <p><b>PRACTICALS</b></p>	<b>Pre Board 1</b>

			<b>Vitamins</b> - Classification and functions. Nucleic Acids: DNA and RNA.	1. Characteristic tests of carbohydrates, fats and proteins in pure samples and their detection in given foodstuffs. <a href="http://amrita.olabs.edu.in/?sub=73&amp;brch=8&amp;sim=140&amp;cnt=1">http://amrita.olabs.edu.in/?sub=73&amp;brch=8&amp;sim=140&amp;cnt=1</a>	
8	December, 2025	18	REVISION	<b>Investigatory Project</b>	<b>Pre Board 2</b>
9	January, 2025	24	REVISION		Pre Board 3 (Optional) Model Practical exam
10	February, 2025	22	REVISION	PRACTICALS	<b>PRACTICAL EXAMS FOLLOWED BY BOARD EXAMS</b>
11	March, 2025	<b>CBSE – Examination 2025 – 2025</b>			

**CLASS XII**
**SUBJECT- BIOLOGY (044)**

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April and May 2025	20	<b>Unit-VI: Reproduction</b> <b>Chapter-2: Sexual Reproduction in Flowering Plants</b> Flower structure; development of male and female gametophytes; pollination - types, agencies and examples; out breeding devices; pollen-pistil interaction; double fertilization; post fertilization events - development of endosperm and embryo, development of seed and formation of fruit; special modes- apomixis, parthenocarpy, polyembryony; Significance of seed dispersal and fruit formation. <b>Chapter-3: Human Reproduction</b> Male and female reproductive systems; microscopic anatomy of testis and ovary; gametogenesis -spermatogenesis and oogenesis; menstrual cycle; fertilisation, embryo development upto blastocyst formation, implantation; pregnancy and placenta formation (elementary idea); parturition (elementary idea); lactation (elementary idea).	Models, Charts, Posters, Live Demonstration, Classroom activities, Experimentation, Art Integrated learning,, Videos, Mind maps  <a href="https://diksha.gov.in/play/content/do_3129846783610060801133?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_3129846783610060801133?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>  <a href="https://diksha.gov.in/play/collection/do_31307360996459315213259?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31308792099179724813145">https://diksha.gov.in/play/collection/do_31307360996459315213259?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content&amp;contentId=do_31308792099179724813145</a>	Monthly Test
			<b>Chapter-4: Reproductive Health</b> Need for reproductive health and prevention of Sexually Transmitted Diseases (STDs); birth control - need and methods. Contraception and medical termination of pregnancy (MTP); amniocentesis; infertility and	<a href="https://diksha.gov.in/play/content/do_31307170881985740811837?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_31307170881985740811837?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	Monthly test

			assisted reproductive technologies - IVF, ZIFT, GIFT (elementary idea for general awareness).		
2	June, 2025	8	<b>Unit-VII: Genetics and Evolution</b> <b>Chapter-5: Principles of Inheritance and Variation</b> <b>Heredity and Variation:</b> Mendelian inheritance; deviations from Mendelism – incomplete dominance, co-dominance, multiple alleles and inheritance of blood groups, pleiotropy; elementary idea of polygenic inheritance; chromosome theory of inheritance; chromosomes and genes; Sex determination - in humans, birds and honey bee; linkage and crossing over; sex linked inheritance - haemophilia, colour blindness; Mendelian disorders in humans - thalassemia; chromosomal disorders in humans; Down's syndrome, Turner's and Klinefelter's syndromes.	Models, Charts, Posters, Live Demonstration, CBSE Based Activities, Power Point Presentation, Documentary Videos, Classroom-LAB interaction under Project JIGYASA You tube link: <a href="https://diksha.gov.in/play/content/do_31307171083725209611344?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_31307171083725209611344?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	Monthly Test
3	July, 2025	25	<b>Unit-VII: Genetics and Evolution</b> <b>Chapter-6: Molecular Basis of Inheritance</b> Search for genetic material and DNA as genetic material; Structure of DNA and RNA; DNA Packaging; DNA replication; central Dogma, transcription, genetic code, translation, gene expression and regulation, lac Operon; Genome, Human and Rice genome projects; DNA fingerprinting. <b>Chapter- 7: Evolution</b> Origin of life; biological evolution and evidences for biological evolution (Paleontology, comparative anatomy, embryology and molecular evidences); Darwin's contribution, modern synthetic theory of evolution; mechanism of evolution - variation	Videos. <a href="https://diksha.gov.in/play/content/do_3131148910893711361160?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_3131148910893711361160?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>  <a href="https://diksha.gov.in/play/content/do_31274793146189414414377?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_31274793146189414414377?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	Monthly Test

			(mutation and recombination) and natural selection with examples, types of natural selection; Gene flow and genetic drift; Hardy - Weinberg's principle; adaptive radiation; human evolution.		
4	August, 2025	24	<p><b>Unit-VIII: Biology and Human Welfare</b>  <b>Chapter-8: Human Health and Diseases</b>  Pathogens; parasites causing human diseases (malaria, dengue, chikungunya, filariasis, ascariasis, typhoid, pneumonia, common cold, amoebiasis, ring worm) and their control; Basic concepts of immunology - vaccines; cancer, HIV and AIDS; Adolescence - drug and alcohol abuse</p> <p><b>Chapter-10: Microbes in Human Welfare</b>  Microbes in food processing, industrial production, sewage treatment, energy generation and microbes as bio-control agents and bio-fertilizers. Antibiotics; production and judicious use.</p> <p><b>Unit-IX: Biotechnology and its Applications</b>  <b>Chapter-11: Biotechnology - Principles and Processes</b>  Genetic Engineering (Recombinant DNA Technology).</p>	<p>Videos, Field Trips/ Educational tour to nearby places</p> <p><a href="https://diksha.gov.in/play/content/do_31307092876601753611224?referrer=utm_source%3Dmobile%26utm_campaign%3Ds hare_content">https://diksha.gov.in/play/content/do_31307092876601753611224?referrer=utm_source%3Dmobile%26utm_campaign%3Ds hare_content</a></p> <p><a href="https://diksha.gov.in/play/content/do_3130709303286251521927?referrer=utm_source%3Dmobile%26utm_campaign%3Ds hare_content">https://diksha.gov.in/play/content/do_3130709303286251521927?referrer=utm_source%3Dmobile%26utm_campaign%3Ds hare_content</a></p> <p><a href="https://diksha.gov.in/play/content/do_31361811898909491211169?referrer=utm_source%3Dmobile%26utm_campaign%3Ds hare_content">https://diksha.gov.in/play/content/do_31361811898909491211169?referrer=utm_source%3Dmobile%26utm_campaign%3Ds hare_content</a></p>	Monthly Test
5	September, 2025	22	<p><b>Chapter-12: Biotechnology and its Applications</b>  Application of biotechnology in health and agriculture: Human insulin and vaccine production, stem cell technology, gene therapy; genetically modified organisms - Bt crops; transgenic animals; biosafety issues, biopiracy and patents.</p> <p><b>Unit-X: Ecology and Environment</b></p>	<p>Models, Charts, Posters, Live Demonstration, Classroom activities, Experimentation, Power Point Presentation, Videos.</p> <p><a href="https://diksha.gov.in/play/content/do_31328291720009318414057?referrer=utm_source%3Dmobile%26utm_campaign%3Ds hare_content">https://diksha.gov.in/play/content/do_31328291720009318414057?referrer=utm_source%3Dmobile%26utm_campaign%3Ds hare_content</a></p>	Half Yearly Exam



			<b>Chapter-13: Organisms and Populations</b> Population interactions - mutualism, competition, predation, parasitism; population attributes - growth, birth rate and death rate, age distribution. (Topics excluded: Organism and its Environment, Major Abiotic Factors, Responses to Abiotic Factors, Adaptations)	<a href="https://diksha.gov.in/play/content/do_31347577388331827211602?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_31347577388331827211602?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	
6	October, 2025	16	<b>Chapter-14: Ecosystem</b> <b>Ecosystems:</b> Patterns, components; productivity and decomposition; energy flow; pyramids of number, biomass, energy (Topics excluded: Ecological Succession and Nutrient Cycles)	<a href="https://diksha.gov.in/play/content/do_431340651786856038411092?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_431340651786856038411092?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	Monthly Test
7	November, 2025	22	<b>Chapter-15: Biodiversity and its Conservation</b> Biodiversity-Concept, patterns, importance; loss of biodiversity; biodiversity conservation; hotspots, endangered organisms, extinction, Red Data Book, Sacred Groves, biosphere reserves, national parks, wildlife, sanctuaries and Ramsar sites 2. Review and Reteaching of difficult content/ Concepts. Need based teaching	<a href="https://diksha.gov.in/play/content/do_31333862533151948815527?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/content/do_31333862533151948815527?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a>	I PRE -BOARD EXAM
8	December, 2025	18	1. Error Analysis and Remediation based on PB 1 performance	<a href="#">Biology_SrSec_2025-25.pdf</a> <a href="http://cbseacademic.nic.in">http://cbseacademic.nic.in</a>	II PRE -BOARD EXAM
9	January, 2025	24	1. Revision	Remediation based on performance in PB exams.	
10	February, 2025	22	1. Revision 2. Board Practical Examination		CBSE Practical Examination
11	March, 2025				CBSE – Examination 2025 – 2025

**CLASS XII****SUBJECT- INFORMATICS PRACTICE (065)**

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April-May 2025	20	Revision of List, Dictionary <b>Data Handling using Pandas -I</b> Introduction to Python libraries- Pandas, Matplotlib. Data structures in Pandas - Series and data frames. <b>Series:</b> Creation of series from ndarray, dictionary, scalar value; mathematical operations; series attributes, head and tail functions; selection, indexing and slicing.		Class Test /Monthly Test
2	June-July	33	<b>Data Frames:</b> creation - from dictionary of Series, list of dictionaries, Text/CSV files; display; iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing; Importing/Exporting Data between CSV files and Data Frames. <b>Data Visualization</b> Purpose of plotting; drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram Customizing plots: adding label, title, and legend in plots.		Class Test /Monthly Test
3	August	24	<b>Database Query using SQL</b> Revision of database concepts and SQL commands covered in class XI: Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL, creating a database using MySQL, Data Types Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL Data Manipulation: INSERT, DELETE, UPDATE		Class Test /Monthly Test
4	September	22	<b>Unit 2: Database Query using SQL</b> Math functions: POWER (), ROUND (), MOD (). Text functions: UCASE ()/ UPPER (), LCASE ()/		HALF YEARLY EXAM

			LOWER (), MID ()/ SUBSTRING () /SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM (). Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME (). Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (*). Querying and manipulating data using Group by, Having, Order by. Working with two tables using equi-join		
5	October	16	<b>Unit 3: Introduction to Computer Networks</b> Introduction to networks, Types of networks: LAN, MAN, WAN. Network Devices: modem, hub, switch, repeater, router, gateway Network Topologies: Star, Bus, Tree, Mesh. Introduction to Internet, URL, WWW, and its applications- Web, email, Chat, VoIP. Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website. Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.		Class Test /Monthly Test
6	November	22	Unit 4: Societal Impacts Digital footprint, net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, free and open-source software (FOSS), cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act. E-waste: hazards and management. Awareness about health concerns related to the usage of technology. <b>Comprehensive Revision</b>		<b>Pre-Board 1</b>
7	December	18	<b>Comprehensive Revision, Project Completion</b>		<b>Pre-Board 2</b>
8	January 2025	24	<b>Comprehensive Revision</b>		CBSE Practicals
9	February	22	<b>Comprehensive Revision, AISSCE Practical Examination</b>		
12	March	CBSE – Examination 2025 – 2025			
CBSE curriculum 2025-26 – Class XII Informatics Practices			<a href="https://www.cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Informatics_Practices_SrSec_2025-25.pdf">https://www.cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Informatics_Practices_SrSec_2025-25.pdf</a>		
NCERT Text Book: (Rationalised Content)			<a href="https://ncert.nic.in/textbook.php?leip1=0-7">https://ncert.nic.in/textbook.php?leip1=0-7</a>		
Question Bank			<a href="https://cbseacademic.nic.in//web_material/QuestionBank/ClassXII/InformaticsPracticesXII.pdf">https://cbseacademic.nic.in//web_material/QuestionBank/ClassXII/InformaticsPracticesXII.pdf</a>		

**CLASS XII**
**SUBJECT- COMPUTER SCIENCE (083)**

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April-May 2025	20	<b>Unit I: Computational Thinking and Programming – 2</b> <ul style="list-style-type: none"> <li>• Revision of Python topics covered in Class XI. (Introduction, conditional statements, iteration, String, List, Tuple, Dictionary, random module)</li> </ul>		Class Test /Monthly Test
2	June-July	33	<ul style="list-style-type: none"> <li>• <b>Functions:</b> types of function (built-in functions, functions defined in module, user defined functions), creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope)</li> <li>• <b>Exception Handling:</b> Introduction, handling exceptions using try-except-finally blocks</li> <li>• Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths</li> <li>• <b>Text file:</b> opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause, writing/appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file</li> </ul>		Class Test /Monthly Test
3	August	24	<ul style="list-style-type: none"> <li>• <b>Binary file:</b> basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file</li> </ul>		Class Test /Monthly Test

			<ul style="list-style-type: none"> <li>• <b>CSV file:</b> import csv module, open / close csv file, write into a csv file using csv.writerow() and read from a csv file using csv.reader( )</li> <li>• implementation of stack using list. Introduction to queue, operations on queue (enqueue, dequeue, is empty, peek, is full), implementation of queue using list.</li> </ul>		
4	September	22	<p>Unit II: Computer Networks • Evolution of networking: introduction to computer networks, evolution of networking (ARPANET, NSFNET, INTERNET) • Data communication terminologies: concept of communication, components of data communication (sender, receiver, message, communication media, protocols), measuring capacity of communication media (bandwidth, data transfer rate), IP address, switching techniques (Circuit switching, Packet switching) • Transmission media: Wired communication media (Twisted pair cable, Co-axial cable, Fiber-optic cable), Wireless media (Radio waves, Micro waves, Infrared waves) • Network devices (Modem, Ethernet card, RJ45, Repeater, Hub, Switch, Router, Gateway, WIFI card) • Network topologies and Network types: types of networks (PAN, LAN, MAN, WAN), networking topologies (Bus, Star, Tree) • Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VoIP, wireless/mobile communication protocol such as GSM, GPRS and WLL • Mobile telecommunication technologies: 1G, 2G, 3G, 4G and 5G • Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), domain names, URL, website, web browser, web servers, web hosting</p> <p><b>Unit III: Database Management</b> • Database concepts: introduction to database concepts and its need • Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate key, primary key, alternate key, foreign key) • Structured Query Language: introduction, Data Definition Language and Data Manipulation Language, data type (char(n), varchar(n), int, float, date), constraints (not null, unique, primary key), create database, use database, show databases, drop database, show tables, create table, describe table, alter table (add and remove an attribute, add and remove primary key), drop table, insert, delete</p>		Class Test /Monthly Test

5	October	16	Select, operators (mathematical, relational and logical), aliasing, distinct clause, where clause, in, between, order by, meaning of null, is null, is not null, like, update command, delete command, aggregate functions (max, min, avg, sum, count), group by, having clause, joins: cartesian product on two tables, equi-join and natural join		HALF YEARLY
6	November	22	• <b>Interface of python with an SQL database:</b> connecting SQL with Python, performing insert, update, delete queries using cursor, display data by using fetchone(), fetchall(), rowcount, creating database connectivity applications		<b>Pre-Board 1</b>
7	December	18	<b>Comprehensive Revision, Project Completion</b>		<b>Pre Board II</b>
8	January 2025	24	<b>Comprehensive Revision</b>		<b>PRACTICALS</b>
9	February	22	<b>Comprehensive Revision, AISSCE Practical Examination</b>		
12	March	CBSE – Examination 2025 – 2025			
CBSE curriculum 2025-26 – Class XII Computer Science				<a href="https://www.cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Computer_Science_SrSec_2025-25.pdf">https://www.cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Computer_Science_SrSec_2025-25.pdf</a>	
CBSE Text Book:				<a href="https://cbseacademic.nic.in/web_material/doc/cs/2_Computer_Science_Python_ClassXII.pdf">https://cbseacademic.nic.in/web_material/doc/cs/2_Computer_Science_Python_ClassXII.pdf</a>	
NCERT Text Book: (Rationalised Content)				<a href="https://ncert.nic.in/textbook.php?lcs1=ps-13">https://ncert.nic.in/textbook.php?lcs1=ps-13</a>	
Question Bank				<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ComputerScienceXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ComputerScienceXII.pdf</a>	

**CLASS XII**
**SUBJECT- GEOGRAPHY (029)**

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/ Innovative practices	Test/examination to be conducted
1	April- May 2025	20	<b>Fundamentals of Human Geography</b>  1. Human Geography : Nature and scope 2. The World Population - distribution, density and growth  <b>India : People and Economy</b> 1. Population Distribution Density Growth and Composition  Practical Geography 1. Data-its source and Compilation	<ul style="list-style-type: none"> <li>Preparation of concept map of the chapter explaining the following: Definition of Human Geography, nature, scope, schools of thought, and branches of Human Geography.</li> <li>‘Both physical and human phenomena are described in metaphors using symbols from the human anatomy’. Collect such terms and expressions from your own language.</li> <li>Case Study on determinism and possibilism given in the text book to explain the concept</li> <li>Mark the ten most populous countries on the world map</li> <li>Draw a bar diagram showing the population of ten most populous countries using the latest data from live population counter.</li> <li>Consulting a geography dictionary – terms related to population- Birth rate, Death Rate, Migration, sex ratio- <a href="https://ncert.nic.in/pdf/publication/otherpublications/tidog101.pdf">https://ncert.nic.in/pdf/publication/otherpublications/tidog101.pdf</a></li> <li><u>CCT questions based on Fig 2.2 – Demographic Transition theory</u></li> <li>Has someone in your family migrated? Write about her/his place of destination. What made her/him migrate?</li> <li>Students can be asked to find out the density of population of their respective state/district/city.</li> <li>Learners to use School Bhuvan NCERT Web portal to observe thematic maps e.g. the relief map of India and maps showing population density- <a href="https://bhuvan-app1.nrsc.gov.in/mhrd_ncert/">https://bhuvan-app1.nrsc.gov.in/mhrd_ncert/</a></li> <li>World Population and its elements- Comic Book <a href="https://diksha.gov.in/play/collection/do_31321952149309849612945?contentId=do_31321903669325824012150">https://diksha.gov.in/play/collection/do_31321952149309849612945?contentId=do_31321903669325824012150</a></li> <li>Graphical representation of population growth phases of India.</li> <li>Learners may be encouraged to consult Census of India website - <a href="https://censusindia.gov.in">https://censusindia.gov.in</a></li> <li>Prepare a choropleth map showing the state wise density of population of India.</li> <li>Prepare a dot map showing the distribution of India’s Population</li> </ul>	Monthly test

				<ul style="list-style-type: none"> <li>On a India map show State with highest population density &amp; state with lowest population density (2011)</li> </ul>	
2	June, 2025	08	<b>Fundamentals of Human Geography</b>  3. Human Development 4. Primary Activities	<ul style="list-style-type: none"> <li>Enacting a play to show how choices get limited due to lack of capability in areas of income, health care and education.</li> <li>Interview a lady vegetable vendor, cobbler and a sweeper in the community and note how their opportunities were limited because of gender, caste and income.</li> <li>Cartoon(given in the textbook) Analysis- What is meaningful life?</li> <li>The Government of India has introduced Beti Bachao Beti Padhao programme to address the issue of decline in child sex ratio. Discuss with your peers how it will lead to more meaningful life for girls- <a href="https://wcd.nic.in/bbbp-schemes">https://wcd.nic.in/bbbp-schemes</a></li> <li>Mark the country with the highest and lowest human development index as per the latest human development report <a href="https://hdr.undp.org/data-center/human-development-index#/indicies/HDI">https://hdr.undp.org/data-center/human-development-index#/indicies/HDI</a></li> <li>Brain Storming- India was 126th in Human Development Index as per Human Development Report, 2006. According to HDI report 2020, India's rank has further gone down to 131. What could be the reason for India to be behind 130 countries in HDI?</li> <li>Make a list of the ten most corrupt countries and ten least corrupt countries. Compare their scores on the human development index. What inferences can you draw?</li> <li>Class discussion about human activities practiced by human which are influenced by geographical conditions.</li> <li>Prepare a concept map showing the characteristics of different types of farming</li> <li>On a world map show Areas of subsistence gathering (Fig 4.2) • Major areas of nomadic herding of the world (4.4) • Major areas of commercial livestock rearing (4.6) • Major areas of extensive commercial grain farming (4.12) Major areas of mixed farming of the World (4.14)</li> </ul>	Monthly Test
3	July, 2025	25	<b>India People and Economy</b> 2. Human Settlements 3. Land Resources and Agriculture 4. Water Resources	<ul style="list-style-type: none"> <li>Connecting chapter with Bhuvan Map by ISRO <a href="https://bhuvan-appl.nrsc.gov.in/mhrd_ncert/">https://bhuvan-appl.nrsc.gov.in/mhrd_ncert/</a></li> <li>Human settlement- e comic book <a href="https://diksha.gov.in/play/collection/do_3132247024243998721589?contentId=do_3132245109099806721283">https://diksha.gov.in/play/collection/do_3132247024243998721589?contentId=do_3132245109099806721283</a></li> </ul>	Monthly test



			<b>Practical Geography</b> 2. Data Processing	<ul style="list-style-type: none"> <li>The students will prepare a line graph to show the growth of urban population in India since 1901.</li> <li>The students will mark and label the million plus cities of all the states on a political map of India.</li> <li>Tabular depiction of different crops, required condition for growing and their distribution.</li> <li>The students will prepare pie graphs to show the land use categories in 1950-51 and 1914-15.</li> <li>On a India Map show Leading producing states of the following crops: (a) Rice (b) Wheat (c) Cotton (d) Jute (e) Sugarcane (f) Tea and (g) Coffee</li> <li>Students may be asked to suggest different methods of water conservation by using modern technology.</li> <li>Case Study Ralegaon Siddhi <a href="https://youtu.be/5nq8wcDyrYQ">https://youtu.be/5nq8wcDyrYQ</a></li> <li>Watershed development- Arvary Pani Sansad <a href="https://www.youtube.com/watch?v=N-qlyXE8KFc">https://www.youtube.com/watch?v=N-qlyXE8KFc</a></li> <li>Calculate Mean, Median and Mode using direct and indirect method</li> </ul>	
4	August, 2025	24	<b>Fundamentals of Human Geography</b>  5. Secondary activities 6. Tertiary and Quaternary Activities  <b>India People and Economy</b> 5. Mineral And Energy Resources 6. Planning and Sustainable Development in Indian Context	<ul style="list-style-type: none"> <li>The students can be asked to prepare a sketch, poster, poem or write-up about the environmental conditions surrounding an industry.</li> <li>The students can be taken out for a visit to local industry and asked to prepare a report on their observations regarding raw material used, finished product, production process, labour inputs, environmental impact and social responsibility.</li> <li>Agri business- <a href="https://www.investopedia.com/terms/a/agribusiness.asp">https://www.investopedia.com/terms/a/agribusiness.asp</a></li> <li>Prepare a flow chart showing the types of industries on various basis</li> <li>Make a list of departmental stores and chain stores that you visit regularly</li> <li>Class discussion on: How convenient and beneficial is the fast-growing service sector in the world.</li> <li>Outsourcing - <a href="https://www.investopedia.com/terms/o/outsourcing.asp">https://www.investopedia.com/terms/o/outsourcing.asp</a></li> <li>Prepare a table to present the spatial pattern of the following minerals under the given headings: (Properties, Total Reserves, Distribution, Mines)</li> <li>Prepare a presentation on the topic ‘Agencies Involved in Mining in India’</li> <li>A debate may be organized on topic “ Limit to growth”</li> </ul>	Monthly test

				<ul style="list-style-type: none"> <li>Indira Gandhi Canal <a href="https://www.youtube.com/watch?v=RJAjOgyQwkg">https://www.youtube.com/watch?v=RJAjOgyQwkg</a></li> <li>Indira Gandhi Canal- The beginning stage <a href="https://www.youtube.com/watch?v=DMpHyLdLXZ0">https://www.youtube.com/watch?v=DMpHyLdLXZ0</a></li> </ul>	
5	September, 2025	22	<b>Fundamentals of Human Geography</b>  7. Transport, Communication and Trade India People and Economy 7. Transport and Communication  <b>Practical Geography</b> 3. Graphical representation of Data	<ul style="list-style-type: none"> <li>Students can be asked to do a survey of their class about the means of transport being used by students to reach school. Prepare a Bar diagram with the help of the data collected.</li> <li>Analyse the connection between physical landscape and development of various modes of transport.</li> <li>Suez Canal- <a href="https://www.youtube.com/watch?v=nhArtB3JtuE">https://www.youtube.com/watch?v=nhArtB3JtuE</a></li> <li>Panama Canal- <a href="https://www.youtube.com/watch?v=SK_CNbv1bis">https://www.youtube.com/watch?v=SK_CNbv1bis</a></li> <li>On the world map show Terminal Stations of Transcontinental Railways– Trans-Siberian, Trans Canadian, Trans-Australian Railways</li> <li>Collect information on Bharatmala and Setubharatam Pariyojana and share it with your peer group. <a href="https://www.india.gov.in/spotlight/bharatmala-pariyojana-stepping-stone-towards-new-india">https://www.india.gov.in/spotlight/bharatmala-pariyojana-stepping-stone-towards-new-india</a></li> <li>Mark and label the major sea ports and airports on an outline map of India. • Major Sea Ports: Kandla, Mumbai, Marmagao, Kochi, Mangalore, Tuticorin, Chennai, Vishakhapatnam, Paradwip, Haldia • International Air ports: Ahmedabad, Mumbai, Bengaluru, Chennai, Kolkata, Guwahati, Delhi, Amritsar, Thiruvananthapuram &amp; Hyderabad.</li> <li>Practice Items- Practical 3 <a href="https://diksha.gov.in/play/collection/do_31310347542408396811497?contentId=do_31309370322477875211365">https://diksha.gov.in/play/collection/do_31310347542408396811497?contentId=do_31309370322477875211365</a></li> </ul>	Monthly test of covered chapters during the month
6	October, 2025	16	<b>Fundamentals of Human Geography</b>  8. International Trade  <b>India People and Economy</b> 8. International Trade	<ul style="list-style-type: none"> <li>Discuss: How International trade was carried out in the past vis-a-vis present times.</li> <li>Mark the silk route on the world map .Show the items or commodities exchanged along the routes from various countries.</li> <li>Study the data given on table 8.1 and compare world import and export to calculate balance of trade and analyse its implication</li> <li>Mark and label the headquarters of WTO on an outline world map.</li> </ul>	Half Yearly

				<ul style="list-style-type: none"> <li>Think of some reasons why dumping is becoming a serious concern among trading nations?</li> <li>Make a list of India's major trading partners and identify these countries on a world map.</li> <li>Symposium on the role of WTO in modern day international trade.</li> </ul>	
7	November, 2025	22	<b>India People and Economy</b> 9. Geographical Perspective on selected issues and problems  <b>Practical Geography</b> 4. Spatial Information Technology	<ul style="list-style-type: none"> <li>List the major sources of water pollution, air pollution, noise pollution and land pollution.</li> <li>Prepare a poster to create awareness about Namami Gange Programme.</li> <li>Namami Gange <a href="https://www.youtube.com/watch?v=Crfaq4RB3rg">https://www.youtube.com/watch?v=Crfaq4RB3rg</a></li> <li>Speak to a rag picker and try to find out what he/she does with the waste.</li> <li></li> </ul>	I Pre Board
8	December, 2025	18	Revision		II Pre Board
9	January, 2025	24	Revision	<ul style="list-style-type: none"> <li>Study Material</li> </ul>	Practical Exam
10	February, 2025	22	Revision	<ul style="list-style-type: none"> <li>Study Material</li> </ul>	Revision
11	March, 2025		CBSE – Examination 2025 – 2025	<ul style="list-style-type: none"> <li>Study Material</li> </ul>	

**CLASS XII**
**SUBJECT- ECONOMICS (030)**

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content/innovative practices	Test/examination to be conducted
1	April & May 2025	20	<b>Part A: Introductory Macroeconomics Unit 1: National Income and Related Aggregates</b>  What is Macroeconomics? Basic concepts in macroeconomics: consumption goods, capital goods, final goods, intermediate Goods; stocks and flows; gross investment and depreciation. Circular flow of income (two sector model); Methods of calculating National Income - Value-added or Product Method, Expenditure method, Income method. Aggregates related to National Income: Gross National Product (GNP), Net National Product (NNP), Gross Domestic Product (GDP) and Net Domestic Product (NDP) - at market price, at factor cost; Real and Nominal GDP. GDP Deflator GDP and Welfare	PPT Presentation, Quiz mind map, flowchart and selection of topic for project work. <a href="https://diksha.gov.in/play/collection/do_3131034754331115521988?contentId=do_31307971129532416018352">https://diksha.gov.in/play/collection/do_3131034754331115521988?contentId=do_31307971129532416018352</a>	Monthly Test ( Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)
			<b>Unit 2: Money and Banking:</b> Money meaning and functions, supply of money - Currency held by the public and net demand deposits held by commercial banks.  Money creation by the commercial banking system.  Central bank and its functions (example of the Reserve Bank of India): Bank of issue, Govt. Bank, Banker's Bank, Control of Credit through Bank Rate, CRR, SLR, Repo Rate and Reverse Repo Rate, Open Market Operations, Margin Requirement.	PPT Presentation, Competency based questions, Case study on impact and effect of Repo Rate change.  Collection of material related to project and review of literature.  <a href="https://diksha.gov.in/play/collection/do_3132247019818434561756?contentId=do_3132245099286118401377">https://diksha.gov.in/play/collection/do_3132247019818434561756?contentId=do_3132245099286118401377</a>	Monthly Test ( Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)
2	June, 2025	8	<b>Part B: Indian Economic Development Unit 6: Development Experience (1947-90) and Economic Reforms since 1991:</b>	Use of PPT Presentation, MCQs related to this topic and Quizzes. <a href="https://bit.ly/indiaontheeveofindependence">https://bit.ly/indiaontheeveofindependence</a>	Monthly Test ( Objective type/MCQ questions, short answer questions, long answer questions including

			<p>A brief introduction of the state of Indian economy on the eve of independence. Indian economic system and common goals of Five Year Plans.</p> <p>Main features, problems and policies of agriculture (institutional aspects and new agricultural strategy), industry (IPR 1956; SSI – role &amp; importance) and foreign trade.</p>		competency based and case based questions.)
3	July, 2025	25	<p><b>Unit 6: Economic Reforms 1991</b> Features and appraisals of liberalisation, globalisation and privatisation (LPG policy); Concepts of demonetization and GST</p> <p><b>Unit 4: Government Budget and the Economy-</b> Government budget - meaning, objectives and components. Classification of receipts - revenue receipts and capital receipts; Classification of expenditure – revenue expenditure and capital expenditure. Balanced, Surplus and Deficit Budget – Measures of government deficit.</p>	<p>Use of PPT Presentation, Case study and Assertion based questions Application oriented questions, questions related to Deficit budget, Collection of data for project work. <a href="https://diksha.gov.in/play/collection/do_3131034754331115521988?contentId=do_31308784876277760013314">https://diksha.gov.in/play/collection/do_3131034754331115521988?contentId=do_31308784876277760013314</a></p>	Monthly Test ( Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)
4	August, 2025	24	<p><b>Unit 5: Balance of Payments</b> Balance of payments Account - meaning and components; Balance of payments – Surplus and Deficit Foreign exchange rate - meaning of fixed and flexible rates and managed floating. Determination of exchange rate in a free market, Merits and demerits of flexible and fixed exchange rate. Managed Floating exchange rate system.</p> <p><b>Unit 7: Current challenges facing Indian Economy</b> <b>Human Capital Formation:</b> How people become resource; Role of human capital in economic development; Growth of Education Sector in India</p>	<p>Use of PPT Presentation, Chart depicting structure of Balance of Payment Accounts. Application oriented Questions, Debate, Quiz, case study related to New Education Policy. <a href="https://diksha.gov.in/play/collection/do_3131034754331115521988?contentId=do_31311197655386521611106">https://diksha.gov.in/play/collection/do_3131034754331115521988?contentId=do_31311197655386521611106</a></p>	Monthly Test ( Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)
5	September, 2025	22	<p><b>Unit-7 Current challenges facing Indian Economy continued</b></p> <p>Rural development: Key issues - credit and marketing - role of cooperatives;</p>	<p>Use of PPT Presentation, Case Study, Competitive based questions, MCQs</p>	Monthly Test (Objective type/MCQ questions, short answer questions, long answer questions including

			<p>agricultural diversification; alternative farming - organic farming</p> <p>Employment: Growth and changes in work force participation rate in formal and informal sectors; problems and policies</p> <p>Sustainable Economic Development: Meaning, Effects of Economic Development on Resources and Environment, including global warming</p>	<p><a href="https://bit.ly/indianruraldevelopment">https://bit.ly/indianruraldevelopment</a></p> <p>Transforming Rural India, Ministry of Rural Development Government of India</p> <p><a href="https://bit.ly/employmentandinformalisation">https://bit.ly/employmentandinformalisation</a></p> <p>United Nations Department of Economic and Social Affairs</p> <p><a href="https://sdgs.un.org/goals">https://sdgs.un.org/goals</a></p> <p><a href="https://bit.ly/sustainabledevelopmentinindia">https://bit.ly/sustainabledevelopmentinindia</a></p>	competency based and case based questions.)
6	October, 2025	16	<p><b>Unit 3: Determination of Income and Employment</b></p> <p>Aggregate demand and its components.</p> <p>Propensity to consume and propensity to save (average and marginal).</p> <p>Short-run equilibrium output; investment multiplier and its mechanism.</p> <p>Meaning of full employment and involuntary unemployment.</p> <p>Project Work in Economics</p>	<p>Use of PPT Presentation, Case Study, Debate, and Value based questions.</p> <p><a href="https://diksha.gov.in/play/collection/do_3131034754331115521988?contentId=do_3130881157936087041739">https://diksha.gov.in/play/collection/do_3131034754331115521988?contentId=do_3130881157936087041739</a></p>	Half Yearly Exam ( Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)
7	November, 2025	22	<p><b>Unit 3: Determination of Income and Employment CONTD...</b></p> <p>Problems of excess demand and deficient demand; measures to correct them - changes in government spending, taxes and money supply.</p> <p><b>Unit 8: Development Experience of India:</b> A comparison with neighbours India and Pakistan</p> <p>India and China Issues: economic growth, population, sectorial development and other Human Development Indicators</p> <p>Revision work</p>	<p>Compare different development indicators of India, Pakistan and China</p> <p><a href="https://bit.ly/3MIItZ3">https://bit.ly/3MIItZ3</a></p>	<p>Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.</p> <p>Pre-board 1</p>

8	December, 2025	18	Revision work		As per CBSE sample paper 2023-24. (Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)  Pre-board 2
9	January, 2025	24	Submission of Project work		As per CBSE sample paper 2023-24. (Objective type/MCQ questions, short answer questions, long answer questions including competency based and case based questions.)  Practicals
10	February, 2025	22	CBSE PRACTICALS & Revision work		
11	March, 2025		CBSE – Examination 2025– 2025		

### Useful E-resources

Introductory Macroeconomics	<a href="https://ncert.nic.in/textbook.php?leec1=0-6">https://ncert.nic.in/textbook.php?leec1=0-6</a>
Indian Economic Development	<a href="https://ncert.nic.in/textbook.php?keec1=0-8">https://ncert.nic.in/textbook.php?keec1=0-8</a>
ZIET Bhubaneswar Online; Objective type question bank for class XII Economics	<a href="https://zietbbsronline.blogspot.com/p/economics.html?m=1">https://zietbbsronline.blogspot.com/p/economics.html?m=1</a>

Economic Survey, Government of India	<a href="https://www.indiabudget.gov.in/economicsurvey/relatedlinks.php">https://www.indiabudget.gov.in/economicsurvey/relatedlinks.php</a>
Department of Economic Affairs data & Statistics	<a href="https://dea.gov.in/data-statistics">https://dea.gov.in/data-statistics</a>
National Portal of India.	<a href="https://www.india.gov.in/topics">https://www.india.gov.in/topics</a>
Summary of Economic Survey of India 2022-23	<a href="https://pib.gov.in/PressReleasePage.aspx?PRID=1894932">https://pib.gov.in/PressReleasePage.aspx?PRID=1894932</a>
Reserve Bank of India	<a href="https://www.rbi.org.in/">https://www.rbi.org.in/</a>
Hand book of Statistics on Indian Economy	<a href="https://bit.ly/41kZak5">https://bit.ly/41kZak5</a>
World Bank Data/India	<a href="https://data.worldbank.org/country/IN">https://data.worldbank.org/country/IN</a>
National Factsheet on Indian Economy; Ministry of Statistics and Programme Implementation, Government of India	<a href="https://www.mospi.gov.in/national_factsheet/">https://www.mospi.gov.in/national_factsheet/</a>
National Sample Survey Reports	<a href="https://bit.ly/3M6Xoyx">https://bit.ly/3M6Xoyx</a>
Economic Survey, Government of India	<a href="https://www.indiabudget.gov.in/economicsurvey/relatedlinks.php">https://www.indiabudget.gov.in/economicsurvey/relatedlinks.php</a>



Class: XII		No of working days	SUBJECT – HISTORY	(027)
S. NO.	MONTH		NAME OF THE THEME	
1	APRIL and MAY 2025	20	Bricks, Beads and Bones The Harappa Civilization	Monthly Test
			Kings, Farmers and Towns Early States and Economies (c.600 BCE600 CE)	
2	JUNE	8	Kingship, Caste and class Early Societies (c. 600 BCE600 CE)	
3	JULY	25	Thinkers, Beliefs and Buildings Cultural Developments (c. 600 BCE600 CE)	Monthly Test
			Through the eyes of Travelers Perceptions of Society (c. tenth to seventeenth centuries)	
4	AUGUST	24	Bhakti-Sufi Traditions Changes in Religious Beliefs and Devotional Texts (c. eighth to eighteenth centuries)	Monthly Test
			An Imperial Capital – Vijayanagar (c. fourteenth to sixteenth centuries)	
5	SEPTEMBER	22	Peasants, zamindars and the States Agrarian Society and the Mughal Empire (c. sixteenth-seventeenth centuries)	Half Yearly
			Colonialism and The Countryside Exploring Official Archives	
6	OCTOBER	16	Rebels and Raj 1857 Revolt and its Representations	Monthly Test
			Mahatma Gandhi and the National Movement Civil Disobedience and Beyond	
7	NOVEMBER	22	Framing of the Constitution The Beginning of a New Era	1 <sup>st</sup> Pre Board
			PRE-BOARD EXAM-1 REGIONAL LEVEL	

8	DECEMBER	18	REVISION & MAP WORK OF RELATED THEMES	2 <sup>nd</sup> Pre Board	
9	JANUARY	24	REVISION & PROJECT WORK		
10	FEBRUARY	22	REVISION OF SYLLABUS		
11	MARCH			CBSE BOARD EXAM	

**CLASS XII**
**SUBJECT- BUSINESS STUDIES (054)**

SL.N o.	Month	Tentative no of working days	UNIT AND CHAPTER	Teaching Aids/E-content/Innovative practices to be adopted	Test / Examination to be conducted
1.	April & May2025	20	Nature and Significance of Management  Principles of Management.	<a href="https://ncert.nic.in/textbook.php?lebs1=1-8">https://ncert.nic.in/textbook.php?lebs1=1-8</a> <ul style="list-style-type: none"> <li>Understand the concept of management by students with day to day examples and their importance and objectives.</li> <li>Examine the nature of management as a science, art and profession.</li> <li><a href="https://obj.diksha.gov.in/ntp-content-production/content/assets/do_31308579492049715212848/1252-business-xii-ch1-ep2.mp4_v">https://obj.diksha.gov.in/ntp-content-production/content/assets/do_31308579492049715212848/1252-business-xii-ch1-ep2.mp4 v</a></li> <li>PPT, YouTube video. Worksheets</li> <li>Understand the role of top, middle and lower levels of management.</li> <li>Discuss the concept and characteristics of coordination among the students by role play</li> <li>Multiple Choice Question should be framed and LSA types given to the students</li> </ul> <a href="https://drive.google.com/file/d/1DkfYmkSwOkHR2qilUcJM0cHXdNNd1LMN/view?usp=drivesdk">https://drive.google.com/file/d/1DkfYmkSwOkHR2qilUcJM0cHXdNNd1LMN/view?usp=drivesdk</a> <a href="https://ncert.nic.in/textbook.php?lebs1=2-8">https://ncert.nic.in/textbook.php?lebs1=2-8</a> <a href="https://ncert.nic.in/textbook.php?lebs1=3-8">https://ncert.nic.in/textbook.php?lebs1=3-8</a> <a href="https://ncert.nic.in/textbook.php?lebs1=4-8">https://ncert.nic.in/textbook.php?lebs1=4-8</a> <a href="https://ncert.nic.in/textbook.php?lebs1=4-84CGkesYn_iHv1h2fEDtD5Mbknc/view?usp=drivesdk">4CGkesYn_iHv1h2fEDtD5Mbknc/view?usp=drivesdk</a> <ul style="list-style-type: none"> <li>Mind map of chapter will help the students to recapitulation</li> <li>Understand the concept of principles of management and explain the significance of management principles.</li> </ul>	Monthly Test/ Slip test
			Business Environment	<ul style="list-style-type: none"> <li>Newspaper &amp; magazine reading, role play and Imagine some changes in the business environment and their effects on the business and individuals and society as a whole:-</li> <li>1. After effects of</li> <li>COVID 19</li> </ul>	

				<ul style="list-style-type: none"> <li>2. Demonetization</li> <li>3. Increase in GST on medicines</li> <li>4. Restrictions on foreign investments</li> <li>Inquiry based learning: inquiry-based learning uses different approaches to learning, including small-group discussion and guided learning. Instead of memorizing facts and material, students learn by doing. This allows them to build knowledge through exploration, experience, and discussion.</li> <li>Work sheet and MCQ and case study problems to be given to the students.</li> </ul>	Slip Test
2.	June	8	Planning	<p>Understand the concept of planning. Describe the importance of planning and understand the limitations of planning. Develop an understanding of single use and standing plans by examples</p> <ul style="list-style-type: none"> <li>Students will Describe objectives, policies, etc</li> <li>Introducing real life Examples and Question answer session</li> </ul>	Slip Test
3.	July	25	Organizing Staffing	<p><a href="https://ncert.nic.in/textbook.php?lebsl=5-8">https://ncert.nic.in/textbook.php?lebsl=5-8</a>  <a href="https://drive.google.com/file/d/1UAiFqMrWwcB2J09O0GLQU2ibf6MVt6bf/view?usp=drivesdk">https://drive.google.com/file/d/1UAiFqMrWwcB2J09O0GLQU2ibf6MVt6bf/view?usp=drivesdk</a>  <a href="https://ncert.nic.in/textbook.php?lebsl=6-8">https://ncert.nic.in/textbook.php?lebsl=6-8</a></p> <ul style="list-style-type: none"> <li>Introducing real life Examples and Question answer session</li> <li>Describe functional and divisional structures of organization with the examples of departments of organization</li> <li>PPT and Digital Content would be shared</li> </ul>	Monthly Test
4.	August	24	Directing Controlling	<p><a href="https://ncert.nic.in/textbook.php?lebsl=7-8">https://ncert.nic.in/textbook.php?lebsl=7-8</a>  <a href="https://ncert.nic.in/textbook.php?lebsl=8-8">https://ncert.nic.in/textbook.php?lebsl=8-8</a></p> <ul style="list-style-type: none"> <li>Describe the concept of directing and discuss the importance of directing</li> <li>Hearing motivational speech of different speakers</li> <li>Discussion on leadership skills of Tata</li> <li>Activities for emphasizing the importance of communication</li> <li>The concept of controlling. Explain the importance of controlling.</li> <li>Develop an understanding of Maslow's Hierarchy of needs. Discuss the various financial and non-financial incentives with real life examples</li> <li>Multiple Choice Question should be framed and LSA types given to the students</li> </ul>	Monthly Test

				<ul style="list-style-type: none"> <li>• Mind map of chapter will help the students to recapitulation</li> <li>• PPT, YouTube video. Worksheets</li> </ul> <a href="https://drive.google.com/file/d/1Av11G8zGADd9RNe9qYkdexm_g4HBBdh6/view?usp=share_link">https://drive.google.com/file/d/1Av11G8zGADd9RNe9qYkdexm_g4HBBdh6/view?usp=share_link</a>	
5.	September	22	Financial Management Financial Markets	<a href="https://nios.ac.in/media/documents/SrSec319NEW/319_Bus_Studies_Eng/319_Bus_Studies_Eng_Lesson18.pdf">https://nios.ac.in/media/documents/SrSec319NEW/319_Bus_Studies_Eng/319_Bus_Studies_Eng_Lesson18.pdf</a> <a href="https://ncert.nic.in/textbook.php?lebs2=2-3">https://ncert.nic.in/textbook.php?lebs2=2-3</a> <ul style="list-style-type: none"> <li>• Understand the concept of financial management. Explain the role of financial management in an organisation.</li> <li>• Give the meaning of a stock exchange. Explain the functions of a stock exchange and discuss the trading procedure in a stock exchange by demo class presented by students.</li> <li>• Multiple Choice Question should be framed and LSA types given to the students</li> <li>• Mind map of chapter will help the students to recapitulation</li> <li>• PPT, YouTube video. Work sheet and MCQ and caser study problems to be given to the students</li> </ul>	Half Yearly Exam
6.	October	16	Marketing Management	<ul style="list-style-type: none"> <li>• Understand the concept of marketing. Explain the features of marketing and discuss the functions of marketing.</li> <li>• Explain the marketing philosophies with examples.</li> <li>• Multiple Choice Question should be framed and LSA types given to the students</li> <li>• Mind map of chapter will help the students to recapitulation</li> </ul> <a href="https://drive.google.com/file/d/1Ay0POYKzRfW23xdzmkFrwaCY47spKjzO/view?usp=drivesdk">https://drive.google.com/file/d/1Ay0POYKzRfW23xdzmkFrwaCY47spKjzO/view?usp=drivesdk</a> <ul style="list-style-type: none"> <li>• Work sheet and MCQ and caser study problems to be given to the students</li> </ul>	Monthly test
7.	November	22	Marketing Management contd. Consumer Protection Revision/Project First Pre board exam	<a href="https://ncert.nic.in/textbook.php?lebs2=3-3">https://ncert.nic.in/textbook.php?lebs2=3-3</a> <ul style="list-style-type: none"> <li>• Understand the concept of consumer protection. Describe the importance of consumer protection.</li> <li>• Discuss the scope of Consumer Protection Act, 2019</li> <li>• Examine the remedies available to the consumer under Consumer Protection Act, 2019. And discuss among the students</li> </ul> <p>* NCERT Text book ,PPT, YouTube videos and E content and work sheets</p> <ul style="list-style-type: none"> <li>• Mind map of chapter will help the students to recapitulation</li> </ul>	Pre Board- I

8.	December	18	Revision and 2 <sup>nd</sup> Pre-Board Examination	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/BusinessStudiesXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/BusinessStudiesXII.pdf</a> <a href="https://cbseacademic.nic.in/web_material/Circulars/2012/77_BS_C-12_annexure.pdf">https://cbseacademic.nic.in/web_material/Circulars/2012/77_BS_C-12_annexure.pdf</a>	Pre-Board II
9.	January 2025	24	Revision and Model and Board practical	<a href="https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/BusinessStudies-SQP.pdf">https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/BusinessStudies-SQP.pdf</a> <a href="https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/BusinessStudies-MS.pdf">https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/BusinessStudies-MS.pdf</a>	
10.	February	22	Revision CBSE Practical Examination		Model Project
11.	March				CBSE Board Examination
			Additional links for references	<a href="https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/BusinessStudies_SrSec_2025-25.pdf">https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/BusinessStudies_SrSec_2025-25.pdf</a> <a href="https://diksha.gov.in">https://diksha.gov.in</a>	

Note: Teachers have to arrange periods as per the availability of time for project work.

**CLASS XII****SUBJECT- ACCOUNTANCY (055)**

Sl. No.	Month	No of Working Days	Name of the Chapter/Topic to be covered	Teaching Aids/E-content / innovative practices	Test/examination to be conducted
1	April May 2025	20	PART A - Unit 1: Accounting for Partnership Firms: <ul style="list-style-type: none"><li>• Partnership: features, Partnership Deed.</li><li>• Provisions of the Indian Partnership Act 1932 in the absence of partnership deed.</li><li>• Fixed v/s fluctuating capital accounts. Preparation of Profit and Loss Appropriation account- division of profit among partners, guarantee of profits. Past adjustments (relating to interest on capital, interest on drawing, salary and profit-sharing ratio).</li></ul>	<ul style="list-style-type: none"><li>*Role Play of students regarding formation of partnership and their agreement based on previous knowledge.</li><li>*PPT, YouTube video.</li><li>*Worksheets</li><li>*Activity based teaching.</li><li><a href="https://diksha.gov.in/nios/play/content/do_31306688437485568018535?contentType=ExplanationResource">https://diksha.gov.in/nios/play/content/do_31306688437485568018535?contentType=ExplanationResource</a></li><li><a href="https://drive.google.com/file/d/1zaGYEwvBpGkCya8-Gt37arYm6LZPGC_j/view?usp=sharing">https://drive.google.com/file/d/1zaGYEwvBpGkCya8-Gt37arYm6LZPGC_j/view?usp=sharing</a></li></ul>	Class test
			<ul style="list-style-type: none"><li>• Goodwill: meaning, nature, factors affecting and methods of valuation - average profit, super profit and capitalization.</li></ul>	<ul style="list-style-type: none"><li>*NCERT Text books</li><li>* PPT, YouTube videos</li><li>*E content and work sheets</li><li><a href="https://diksha.gov.in/nios/play/content/do_313067379835527168110455?contentType=ExplanationVideo">https://diksha.gov.in/nios/play/content/do_313067379835527168110455?contentType=ExplanationVideo</a></li></ul>	Slip test

2	June	8	<p>Accounting for Partnership firms - Reconstitution and Dissolution.</p> <ul style="list-style-type: none"> <li>• Change in the Profit-Sharing Ratio among the existing partners - sacrificing ratio, gaining ratio, accounting for revaluation of assets and reassessment of liabilities and treatment of reserves, accumulated profits and losses. Preparation of revaluation account and balance sheet.</li> <li>• Admission of a partner - effect of admission of a partner on change in the profit-sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities,</li> </ul>	<p>* NCERT Text books  * PPT, YouTube videos  * E content and work sheets  <a href="https://drive.google.com/file/d/1gGzsb95RKR_B87B9ysG7hCIQVG5Vx2vLe/view?usp=sharing">https://drive.google.com/file/d/1gGzsb95RKR_B87B9ysG7hCIQVG5Vx2vLe/view?usp=sharing</a>   <a href="https://diksha.gov.in/play/content/do_3133520024658984961980">https://diksha.gov.in/play/content/do_3133520024658984961980</a></p>	Monthly Test - 1
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			treatment of reserves, accumulated profits and losses, adjustment of capital accounts and preparation of capital, current account and balance sheet.		
3	July	25	<p>Retirement and death of a partner: effect of retirement / death of a partner on change in profit sharing ratio, treatment of goodwill (as per AS 26), treatment for revaluation of assets and reassessment of liabilities, adjustment of accumulated profits, losses and reserves, adjustment of capital accounts and preparation of capital, current account, and balance sheet. Preparation of loan account of the retiring partner.</p> <ul style="list-style-type: none"> <li>• Calculation of deceased partner's share of profit till the date of death. Preparation of deceased partner's capital account and his executor's account.</li> <li>• Dissolution of a partnership firm: meaning of dissolution of partnership and partnership firm, types of dissolution of a firm. Settlement of accounts - preparation of realization account, and other related accounts: capital accounts of partners and cash/bank a/c (excluding piecemeal distribution, sale to a company and insolvency of partner(s)).</li> </ul>	<p>* NCERT Text books * PPT, YouTube videos * E content and work sheets <a href="https://diksha.gov.in/nios/play/content/do_313253601854668800126944?contentType=eTextBook">https://diksha.gov.in/nios/play/content/do_313253601854668800126944?contentType=eTextBook</a></p> <p><a href="https://diksha.gov.in/nios/play/content/do_313067385198854144110809?contentType=PracticeQuestionSet">https://diksha.gov.in/nios/play/content/do_313067385198854144110809?contentType=PracticeQuestionSet</a></p> <p><a href="https://docs.google.com/presentation/d/1qmmDi11LhOl3R_DrzcGWugUzc-vG5Hsl/edit?usp=sharing&amp;ouid=106740070548656148657&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1qmmDi11LhOl3R_DrzcGWugUzc-vG5Hsl/edit?usp=sharing&amp;ouid=106740070548656148657&amp;rtpof=true&amp;sd=true</a></p>	Monthly Test - 2
4	August	24	<p>Unit-2 Accounting for Companies Accounting for Share Capital • Features and types of companies • Share and share capital: nature and types.</p> <ul style="list-style-type: none"> <li>• Accounting for share capital: issue and allotment of equity and preference shares. Public subscription of shares - over subscription and under subscription of shares; issued at par and at premium, calls in advance and arrears (excluding</li> </ul>	<p>* NCERT Text books * PPT, YouTube videos * E content and work sheets <a href="https://diksha.gov.in/nios/play/content/do_313253601947410432126948?contentType=eTextBook">https://diksha.gov.in/nios/play/content/do_313253601947410432126948?contentType=eTextBook</a></p> <p><a href="https://docs.google.com/presentation/d/1jghfTv88_IPfC9nVeUNvFek7H74fRqMx/edit?usp">https://docs.google.com/presentation/d/1jghfTv88_IPfC9nVeUNvFek7H74fRqMx/edit?usp</a></p>	Monthly Test - 3

			<p>interest), issue of shares for consideration other than cash.</p> <ul style="list-style-type: none"> <li>• Concept of Private Placement and Employee Stock Option Plan (ESOP), Sweat Equity.</li> <li>• Accounting treatment of forfeiture and reissue of shares.</li> <li>• Disclosure of share capital in the Balance Sheet of a company.</li> </ul>	<p><a href="#">=sharing&amp;ouid=106740070548656148657&amp;rt pof=true&amp;sd=true</a></p> <p><a href="https://diksha.gov.in/nios/play/content/do_313253601993539584126950?contentType=ClassroomTeachingVideo">https://diksha.gov.in/nios/play/content/do_313253601993539584126950?contentType=ClassroomTeachingVideo</a></p>	
5	September	22	<p>Unit-2 Accounting for Companies</p> <p>Accounting for Debentures • Debentures: Meaning, types, Issue of debentures at par, at a premium and at a discount. Issue of debentures for consideration other than cash; Issue of debentures with terms of redemption; debentures as collateral security- concept, interest on debentures. Writing off discount / loss on issue of debentures.</p> <p>PART B - Unit-3 Analysis of Financial Statements: -</p> <p>Financial statements of a Company: Meaning, Nature, Uses and importance of financial Statement. Statement of Profit and Loss and Balance Sheet in prescribed form with major headings and sub headings (as per Schedule III to the Companies Act, 2013)</p> <ul style="list-style-type: none"> <li>• Financial Statement Analysis: Meaning, Significance Objectives, importance and limitations.</li> <li>• Tools for Financial Statement Analysis: Comparative statements, common size statements, Ratio analysis, Cash flow analysis.</li> </ul>	<p>* NCERT Text books</p> <p>* PPT, YouTube videos</p> <p>*E content and work sheets</p> <p><a href="https://docs.google.com/presentation/d/1olXjcgPNutmXoAsj5MaL9cMRWr7tCvgQ/edit?usp=sharing&amp;ouid=106740070548656148657&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1olXjcgPNutmXoAsj5MaL9cMRWr7tCvgQ/edit?usp=sharing&amp;ouid=106740070548656148657&amp;rtpof=true&amp;sd=true</a></p> <p><a href="https://drive.google.com/file/d/1jZDtd5kzaTClgSBY6gUH9_qeDqO6IJ7U/view?usp=sharing">https://drive.google.com/file/d/1jZDtd5kzaTClgSBY6gUH9_qeDqO6IJ7U/view?usp=sharing</a></p> <p><a href="https://diksha.gov.in/play/content/do_3131148305366302721237">https://diksha.gov.in/play/content/do_3131148305366302721237</a></p>	Half Yearly
6	October	16	<p>Accounting Ratios: Meaning, Objectives, Advantages, classification and computation. •</p> <p>Liquidity Ratios: Current ratio and Quick ratio. •</p> <p>Solvency Ratios: Debt to Equity Ratio, Total Asset</p>	<p>* NCERT Text books</p> <p>* PPT, YouTube videos</p> <p>*E content and work sheets.</p>	Monthly Test - 4

			to Debt Ratio, Proprietary Ratio and Interest Coverage Ratio. Debt to Capital Employed Ratio. • Activity Ratios: Inventory Turnover Ratio, Trade Receivables Turnover Ratio, Trade Payables Turnover Ratio, Fixed Asset Turnover Ratio, Net Asset Turnover Ratio and Working Capital Turnover Ratio. • Profitability Ratios: Gross Profit Ratio, Operating Ratio, Operating Profit Ratio, Net Profit Ratio and Return on Investment.	<a href="https://docs.google.com/presentation/d/1pinfihX1RpHmKJFoQtpBfDvQ8cNGAhcF/edit?usp=sharing&amp;ouid=116114775382383328002&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1pinfihX1RpHmKJFoQtpBfDvQ8cNGAhcF/edit?usp=sharing&amp;ouid=116114775382383328002&amp;rtpof=true&amp;sd=true</a>  Additional Ratios <a href="https://drive.google.com/file/d/1yAtZzy35q4l1dUSv5GldFd4dqvNI6ymf/view?usp=sharing">https://drive.google.com/file/d/1yAtZzy35q4l1dUSv5GldFd4dqvNI6ymf/view?usp=sharing</a>	
7	November	22	Unit 4: Cash Flow Statement • Meaning, objectives Benefits, Cash and Cash Equivalents, Classification of Activities and preparation (as per AS 3 (Revised) (Indirect Method only) Note: (i) Adjustments relating to depreciation and amortization, profit or loss on sale of assets including investments, dividend (both final and interim) and tax. (ii) Bank overdraft and cash credit to be treated as short term borrowings. (iii) Current Investments to be taken as Marketable securities unless otherwise specified.  Revision and First Pre board Examination	* PPT, YouTube video. * Worksheets * Activity based teaching. * Specific Project <a href="https://docs.google.com/presentation/d/17Q3hPOJQQNRRywve_7a1rULAOgtu42Ry/edit?usp=sharing&amp;ouid=116114775382383328002&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/17Q3hPOJQQNRRywve_7a1rULAOgtu42Ry/edit?usp=sharing&amp;ouid=116114775382383328002&amp;rtpof=true&amp;sd=true</a>  <a href="https://diksha.gov.in/nios/play/content/do_313067420257075200110840?contentType=PracticeQuestionSet">https://diksha.gov.in/nios/play/content/do_313067420257075200110840?contentType=PracticeQuestionSet</a>  <a href="https://drive.google.com/file/d/1HuRwOsSBPyMFU5vYhB5kGePfiooxfnr/view?usp=sharing">https://drive.google.com/file/d/1HuRwOsSBPyMFU5vYhB5kGePfiooxfnr/view?usp=sharing</a>  <a href="https://drive.google.com/file/d/1vq50nKC7YyqbeBDcqMO3s9rP6y5SHEdx/view?usp=sharing">https://drive.google.com/file/d/1vq50nKC7YyqbeBDcqMO3s9rP6y5SHEdx/view?usp=sharing</a> <a href="#">e_link</a>  Sample Paper issued by CBSE	First Pre-Board
8	December	18	Second Pre board Examination	Sample Paper issued by CBSE <a href="https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Accountancy-SQP.pdf">https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Accountancy-SQP.pdf</a> <a href="https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Accountancy-MS.pdf">https://cbseacademic.nic.in/web_material/SQP/ClassXII_2023_24/Accountancy-MS.pdf</a>	Second Pre-Board

9	January 2025	24	Model and Board Practical Examination. Revision	Sample paper issued by CBSE, Previous years Question papers.	
10	February	22	Revision	Solving sample papers	
11	March				CBSE Examination
		Additional links for references	CBSE CURRICULUM	<a href="https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Accountancy_SrSec_2024-25.pdf">https://cbseacademic.nic.in/web_material/CurriculumMain25/SrSec/Accountancy_SrSec_2024-25.pdf</a>	

## USEFUL WEBSITES & E-RESOURCES

NESTS	<a href="http://nests.tribal.gov.in">http://nests.tribal.gov.in</a>
Ministry of Tribal Affairs	<a href="http://tribal.nic.in">http://tribal.nic.in</a>
Ministry of Education	<a href="https://www.education.gov.in/">https://www.education.gov.in/</a>
CBSE	<a href="https://cbse.nic.in/">https://cbse.nic.in/</a>
NCERT	<a href="https://ncert.nic.in/">https://ncert.nic.in/</a>
DIKSHA PORTAL	<a href="https://diksha.gov.in/">https://diksha.gov.in/</a>
DIKSHA App	<a href="https://play.google.com/store/apps/details?id=in.gov.diksha.app&amp;hl=en&amp;gl=US&amp;pli=1">https://play.google.com/store/apps/details?id=in.gov.diksha.app&amp;hl=en&amp;gl=US&amp;pli=1</a>
ePathshala	<a href="https://epathshala.nic.in/">https://epathshala.nic.in/</a>
NISHTHA	<a href="https://itpd.ncert.gov.in/">https://itpd.ncert.gov.in/</a>
CBSE ACADEMICS	<a href="https://cbseacademic.nic.in/">https://cbseacademic.nic.in/</a>
CBSE Training Portal	<a href="https://cbseit.in/cbse/training/">https://cbseit.in/cbse/training/</a>
NCERT OFFICIAL	<a href="https://www.youtube.com/c/NCERTOFFICIAL">https://www.youtube.com/c/NCERTOFFICIAL</a>
CIET	<a href="https://ciet.nic.in/index.php">https://ciet.nic.in/index.php</a>

Alternative Academic Calendar	<a href="https://ncert.nic.in/alternative-academic-calendar.php">https://ncert.nic.in/alternative-academic-calendar.php</a>
CCT Weekly	<a href="https://diksha.gov.in/play/collection/do_31290608850520473612338?contentType=TextBook">https://diksha.gov.in/play/collection/do_31290608850520473612338?contentType=TextBook</a>
National Curriculum Framework for School Education 2023	<a href="https://www.education.gov.in/sites/upload_files/mhrd/files/NCF-School-Education-Pre-Draft.pdf">https://www.education.gov.in/sites/upload_files/mhrd/files/NCF-School-Education-Pre-Draft.pdf</a>
National Curriculum Framework for Foundational Stage 2022	<a href="https://ncert.nic.in/flipbook/NCF/National_Curriculum_Framework_for_Foundational_Stage_2022/mobile/index.html">https://ncert.nic.in/flipbook/NCF/National_Curriculum_Framework_for_Foundational_Stage_2022/mobile/index.html</a>
School Leadership Development	<a href="https://www.education.gov.in/hi/sites/upload_files/mhrd/files/upload_document/NCSL_Handbook.pdf">https://www.education.gov.in/hi/sites/upload_files/mhrd/files/upload_document/NCSL_Handbook.pdf</a>
Toy Based Pedagogy	<a href="http://dsel.education.gov.in/sites/default/files/update/toy_based_pedagogy.pdf">http://dsel.education.gov.in/sites/default/files/update/toy_based_pedagogy.pdf</a>
Guidelines for Implementation of 10 bagless days in school	<a href="http://www.psscive.ac.in/storage/uploads/others/Guideline/pdf/english/guideline-for10Baglessdays-in-School in English.pdf">http://www.psscive.ac.in/storage/uploads/others/Guideline/pdf/english/guideline-for10Baglessdays-in-School in English.pdf</a>
National Curriculum Framework	<a href="https://ncert.nic.in/pdf/ncfse2023.pdf">https://ncert.nic.in/pdf/ncfse2023.pdf</a>
<b>CBSE HANDBOOKS</b>	
National Policy for Promoting Innovations in Schools	<a href="https://cbseacademic.nic.in/web_material/Manuals/NP_Promote_Innovation.pdf">https://cbseacademic.nic.in/web_material/Manuals/NP_Promote_Innovation.pdf</a>
AIoT Integration in Curriculum	<a href="https://cbseacademic.nic.in/web_material/Manuals/AIoT_Curriculum.pdf">https://cbseacademic.nic.in/web_material/Manuals/AIoT_Curriculum.pdf</a>
Design Thinking and Innovation - FAQ & Introduction	<a href="https://cbseacademic.nic.in/web_material/Manuals/DT_IntroFAQ.pdf">https://cbseacademic.nic.in/web_material/Manuals/DT_IntroFAQ.pdf</a>
Safal - Language Assessment Framework Handbook	<a href="https://cbseacademic.nic.in/web_material/Manuals/safal_frameworkhandbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/safal_frameworkhandbook.pdf</a>

Safal - Environmental Studies & Science Assessment Framework Handbook	<a href="https://cbseacademic.nic.in/web_material/Manuals/safal_sciencehandbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/safal_sciencehandbook.pdf</a>
Safal - Mathematics Assessment Framework Handbook	<a href="https://cbseacademic.nic.in/web_material/Manuals/safal_mathshandbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/safal_mathshandbook.pdf</a>
Mental Health & Well-being of School Students - A Survey	<a href="https://cbseacademic.nic.in/web_material/Manuals/Mental_Health_WSS_A_Survey.pdf">https://cbseacademic.nic.in/web_material/Manuals/Mental_Health_WSS_A_Survey.pdf</a>
Early Identification & Intervention for Mental Health Problems	<a href="https://cbseacademic.nic.in/web_material/Manuals/MOE_Mental_Health.pdf">https://cbseacademic.nic.in/web_material/Manuals/MOE_Mental_Health.pdf</a>
Shiksha Shabdkosh	<a href="https://cbseacademic.nic.in/web_material/Manuals/Shiksha_Shabdkosh.pdf">https://cbseacademic.nic.in/web_material/Manuals/Shiksha_Shabdkosh.pdf</a>
Toy Based Pedagogy	<a href="https://cbseacademic.nic.in/web_material/Manuals/Toy_Based_Pedagogy.pdf">https://cbseacademic.nic.in/web_material/Manuals/Toy_Based_Pedagogy.pdf</a>
Satrangi Udan	<a href="https://cbseacademic.nic.in/web_material/Manuals/Satrangi_Udan.pdf">https://cbseacademic.nic.in/web_material/Manuals/Satrangi_Udan.pdf</a>
Standards for Excellence in School Education	<a href="https://cbseacademic.nic.in/web_material/Manuals/QASR_July21.pdf">https://cbseacademic.nic.in/web_material/Manuals/QASR_July21.pdf</a>
Study of Existing Assessment Structure of CBSE Schools	<a href="https://cbseacademic.nic.in/web_material/Manuals/Assessment_Structure21.pdf">https://cbseacademic.nic.in/web_material/Manuals/Assessment_Structure21.pdf</a>
EI Essential Concepts	<a href="https://cbseacademic.nic.in/web_material/Manuals/EI_Essential_Concepts.pdf">https://cbseacademic.nic.in/web_material/Manuals/EI_Essential_Concepts.pdf</a>
Handbook of Assessment and Evaluation	<a href="https://cbseacademic.nic.in/web_material/Manuals/Assessment-Evaluation_handbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/Assessment-Evaluation_handbook.pdf</a>
Reading Literacy	<a href="https://cbseacademic.nic.in/web_material/Manuals/Reading_Literacy.pdf">https://cbseacademic.nic.in/web_material/Manuals/Reading_Literacy.pdf</a>
Handicrafts - Student Workbook	<a href="https://cbseacademic.nic.in/web_material/Curriculum22/publication/middle/Handicrafts-Student-Workbook.pdf">https://cbseacademic.nic.in/web_material/Curriculum22/publication/middle/Handicrafts-Student-Workbook.pdf</a>
Safal	<a href="https://cbseacademic.nic.in/web_material/Manuals/Safal_handbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/Safal_handbook.pdf</a>

Pedagogical Leadership: A Handbook for Leading Learning in Schools	<a href="https://cbseacademic.nic.in/web_material/Manuals/Pedagogical-leadership-Handbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/Pedagogical-leadership-Handbook.pdf</a>
Handbook of Inclusive Education	<a href="https://cbseacademic.nic.in/web_material/Manuals/handbook-inclusive-education.pdf">https://cbseacademic.nic.in/web_material/Manuals/handbook-inclusive-education.pdf</a>
Handbook of Joyful Learning	<a href="https://cbseacademic.nic.in/web_material/Manuals/handbook-joyful.pdf">https://cbseacademic.nic.in/web_material/Manuals/handbook-joyful.pdf</a>
Cyber Safety Manual	<a href="https://cbseacademic.nic.in/web_material/Manuals/Cyber_Safety_Manual.pdf">https://cbseacademic.nic.in/web_material/Manuals/Cyber_Safety_Manual.pdf</a>
Principals Handbook	<a href="https://cbseacademic.nic.in/web_material/Manuals/Principals_Handbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/Principals_Handbook.pdf</a>
21st Century Skill Handbook	<a href="https://cbseacademic.nic.in/web_material/Manuals/21st_Century_Skill_Handbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/21st_Century_Skill_Handbook.pdf</a>
ComicBook - Cogito	<a href="https://cbseacademic.nic.in/web_material/ComicBooks/Cogito.pdf">https://cbseacademic.nic.in/web_material/ComicBooks/Cogito.pdf</a>
ComicBook - The Question Book	<a href="https://cbseacademic.nic.in/web_material/ComicBooks/The_Question_Book.pdf">https://cbseacademic.nic.in/web_material/ComicBooks/The_Question_Book.pdf</a>
Teachers' Resource for Achieving Learning Outcomes	<a href="https://cbseacademic.nic.in/web_material/Manuals/TeachersResource_LODoc.pdf">https://cbseacademic.nic.in/web_material/Manuals/TeachersResource_LODoc.pdf</a>
Mathematical Literacy	<a href="https://cbseacademic.nic.in/web_material/Manuals/math-literacy.pdf">https://cbseacademic.nic.in/web_material/Manuals/math-literacy.pdf</a>
Mental Health and Well Being	<a href="https://cbseacademic.nic.in/web_material/Manuals/MENTAL_HEALTH_AND_WELL_BEING.pdf">https://cbseacademic.nic.in/web_material/Manuals/MENTAL_HEALTH_AND_WELL_BEING.pdf</a>
Assessment Framework	<a href="https://cbseacademic.nic.in/web_material/Manuals/AssessmentFramework.pdf">https://cbseacademic.nic.in/web_material/Manuals/AssessmentFramework.pdf</a>
UKNARIC Final Report	<a href="https://cbseacademic.nic.in/web_material/Manuals/UKNARICFinalReport.pdf">https://cbseacademic.nic.in/web_material/Manuals/UKNARICFinalReport.pdf</a>
Activities Calendar English	<a href="https://cbseacademic.nic.in/web_material/Manuals/ActivitiesCalenderEnglish.pdf">https://cbseacademic.nic.in/web_material/Manuals/ActivitiesCalenderEnglish.pdf</a>
Activities Calendar Hindi	<a href="https://cbseacademic.nic.in/web_material/Manuals/ActivitiesCalenderHindi.pdf">https://cbseacademic.nic.in/web_material/Manuals/ActivitiesCalenderHindi.pdf</a>
AI Curriculum Handbook	<a href="https://cbseacademic.nic.in/web_material/Manuals/AICurriculumHandbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/AICurriculumHandbook.pdf</a>



AI Integration Manual	<a href="https://cbseacademic.nic.in/web_material/Manuals/AIIntegrationManual.pdf">https://cbseacademic.nic.in/web_material/Manuals/AIIntegrationManual.pdf</a>
Art Integration	<a href="https://cbseacademic.nic.in/web_material/Manuals/Art_Integration.pdf">https://cbseacademic.nic.in/web_material/Manuals/Art_Integration.pdf</a>
Eco club	<a href="https://cbseacademic.nic.in/web_material/Manuals/Ecoclub.pdf">https://cbseacademic.nic.in/web_material/Manuals/Ecoclub.pdf</a>
Experiential Learning	<a href="https://cbseacademic.nic.in/web_material/Manuals/ExperientialLearning.pdf">https://cbseacademic.nic.in/web_material/Manuals/ExperientialLearning.pdf</a>
Joyful Teaching And Learning Of Mathematics	<a href="https://cbseacademic.nic.in/web_material/Manuals/JoyfulTeachingAndLearningOfMathematics.pdf">https://cbseacademic.nic.in/web_material/Manuals/JoyfulTeachingAndLearningOfMathematics.pdf</a>
Hubs of Learning	<a href="https://cbseacademic.nic.in/web_material/Manuals/Latest Hubs of Learning.pdf">https://cbseacademic.nic.in/web_material/Manuals/Latest Hubs of Learning.pdf</a>
Self Learning Resources for IC Members	<a href="https://cbseacademic.nic.in/web_material/Manuals/SelfLearningResources.pdf">https://cbseacademic.nic.in/web_material/Manuals/SelfLearningResources.pdf</a>
School Quality Assessment & Assurance	<a href="https://cbseacademic.nic.in/web_material/Manuals/SQAA_FINAL.pdf">https://cbseacademic.nic.in/web_material/Manuals/SQAA_FINAL.pdf</a>
NAI PAHAL	<a href="https://cbseacademic.nic.in/web_material/Manuals/NAI_PAHAL.pdf">https://cbseacademic.nic.in/web_material/Manuals/NAI_PAHAL.pdf</a>
Handbook for Teachers	<a href="https://cbseacademic.nic.in/web_material/Manuals/Handbook_for_Teachers.pdf">https://cbseacademic.nic.in/web_material/Manuals/Handbook_for_Teachers.pdf</a>
Handbook for Students	<a href="https://cbseacademic.nic.in/web_material/Manuals/Handbook_for_students.pdf">https://cbseacademic.nic.in/web_material/Manuals/Handbook_for_students.pdf</a>
Transformation Engagement	<a href="https://cbseacademic.nic.in/web_material/Manuals/Transformation_Engagement.pdf">https://cbseacademic.nic.in/web_material/Manuals/Transformation_Engagement.pdf</a>
Mathematical Literacy	<a href="https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Maths.pdf">https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Maths.pdf</a>
Scientific Literacy	<a href="https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Science.pdf">https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Science.pdf</a>
Reading Literacy	<a href="https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Reading.pdf">https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Reading.pdf</a>

## OTHER HANDBOOKS AND MANUALS

PISA HANDBOOK FOR TEACHERS	<a href="https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Maths.pdf">https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Maths.pdf</a>
PISA HANDBOOK FOR TEACHERS	<a href="https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Science.pdf">https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Science.pdf</a>
PISA HANDBOOK FOR TEACHERS	<a href="https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Reading.pdf">https://cbseacademic.nic.in/web_material/Manuals/Teachers_handbook-Reading.pdf</a>
National Education Policy 2020	<a href="https://www.education.gov.in/sites/upload_files/mhrd/files/NEP_Final_English_0.pdf">https://www.education.gov.in/sites/upload_files/mhrd/files/NEP_Final_English_0.pdf</a>
Students' and Teachers' Holistic Advancement through Quality Education (SARTHAQ)	<a href="https://www.education.gov.in/sites/upload_files/mhrd/files/upload_document/SARTHAQ_Part-1_updated.pdf">https://www.education.gov.in/sites/upload_files/mhrd/files/upload_document/SARTHAQ_Part-1_updated.pdf</a>
Project books on Environmental Education for Classes VI-XII	<a href="https://ncert.nic.in/desm/env-edu.php">https://ncert.nic.in/desm/env-edu.php</a>
Teacher Handbook on Environmental Education for the Higher Secondary Stage	<a href="https://ncert.nic.in/desm/pdf/content.pdf">https://ncert.nic.in/desm/pdf/content.pdf</a>
Four Decades of National Science Exhibition for children.	<a href="https://ncert.nic.in/desm/pdf/4decadepdf.pdf">https://ncert.nic.in/desm/pdf/4decadepdf.pdf</a>
Curricula for ICT In Education	<a href="https://ictcurriculum.gov.in/">https://ictcurriculum.gov.in/</a>
Guidelines on School Safety and Security	<a href="https://dsel.education.gov.in/sites/default/files/2021-10/guidelines_sss.pdf">https://dsel.education.gov.in/sites/default/files/2021-10/guidelines_sss.pdf</a>
PURPOSIVE PEDAGOGICAL PRACTICES	
Four Decades of National Science Exhibition for children.	<a href="https://ncert.nic.in/desm/pdf/4decadepdf.pdf">https://ncert.nic.in/desm/pdf/4decadepdf.pdf</a>
NEP Audio	<a href="https://ciet.nic.in/pages.php?id=nep2020&amp;ln=en">https://ciet.nic.in/pages.php?id=nep2020&amp;ln=en</a>

### USEFUL LINKS

NCERT SYLLABUS	<a href="https://ncert.nic.in/syllabus.php">https://ncert.nic.in/syllabus.php</a>
NCERT YOUTUBE	<a href="https://youtube.com/@NCERTOFFICIAL">https://youtube.com/@NCERTOFFICIAL</a>
Ministry of Education	<a href="https://www.education.gov.in/">https://www.education.gov.in/</a>
INSPIRE Awards	<a href="https://www.inspireawards-dst.gov.in/">https://www.inspireawards-dst.gov.in/</a>
Ek Bharat Shrestha Bharat	<a href="https://ekbharat.gov.in/">https://ekbharat.gov.in/</a>
YUVIKA - YUva Vigyani Karyakram (Young Scientist Programme)	<a href="https://www.isro.gov.in/YUVIKA.html">https://www.isro.gov.in/YUVIKA.html</a>
Kala Utsav	<a href="https://kalautsav.in/">https://kalautsav.in/</a>
Azadi Ka Amrit Mahotsav	<a href="https://amritmahotsav.nic.in/">https://amritmahotsav.nic.in/</a>
Indian Association of Physics Teachers (IAPT)	<a href="https://www.iapt.org.in/">https://www.iapt.org.in/</a>
National Digital Library of India	<a href="https://ndl.iitkgp.ac.in/">https://ndl.iitkgp.ac.in/</a>
National School Safety Project (NSSP)	<a href="https://ndma.gov.in/Mitigation_Preparedness/School-safety-project">https://ndma.gov.in/Mitigation_Preparedness/School-safety-project</a>

Open Government Data - Education	<a href="https://data.gov.in/sector/education">https://data.gov.in/sector/education</a>
Spoken Tutorial	<a href="https://spoken-tutorial.org/">https://spoken-tutorial.org/</a>
National Scholarship Portal	<a href="https://scholarships.gov.in/">https://scholarships.gov.in/</a>
DigiLocker	<a href="https://www.digilocker.gov.in/">https://www.digilocker.gov.in/</a>
<b>VIDEO SERIES ON ASSESSMENT AND EVALUATION</b>	
Principles of assessment	<a href="https://www.youtube.com/watch?v=TYAFYp23u2E">https://www.youtube.com/watch?v=TYAFYp23u2E</a>
Assessment design approach	<a href="https://www.youtube.com/watch?v=iAXhkPYqrUY">https://www.youtube.com/watch?v=iAXhkPYqrUY</a>
Item writing approach	<a href="https://www.youtube.com/watch?v=wOT2u1O9yTc">https://www.youtube.com/watch?v=wOT2u1O9yTc</a>
Objective questions	<a href="https://www.youtube.com/watch?v=oSvbneSuGMY">https://www.youtube.com/watch?v=oSvbneSuGMY</a>
Presentation Voice Over 5 v3	<a href="https://www.youtube.com/watch?v=hBO-DgQabI8">https://www.youtube.com/watch?v=hBO-DgQabI8</a>
Extended response questions	<a href="https://www.youtube.com/watch?v=W3jkNtfZs08">https://www.youtube.com/watch?v=W3jkNtfZs08</a>
Item production process	<a href="https://www.youtube.com/watch?v=N1-XV1qUEis">https://www.youtube.com/watch?v=N1-XV1qUEis</a>
Assessment performance review	<a href="https://www.youtube.com/watch?v=s5Id8yWLvAY">https://www.youtube.com/watch?v=s5Id8yWLvAY</a>

## USEFUL LINKS FOR CLASS VI TO VIII

Alternative Academic Calendar for Students Upper Primary-English	<a href="https://ncert.nic.in/pdf/AAC-Upperprimary-eng.pdf">https://ncert.nic.in/pdf/AAC-Upperprimary-eng.pdf</a>
Alternative Academic Calendar for Students Upper Primary-Hindi	<a href="https://ncert.nic.in/pdf/AAC-upperprimary-hindi.pdf">https://ncert.nic.in/pdf/AAC-upperprimary-hindi.pdf</a>
Syllabus at Elementary Level	<a href="https://ncert.nic.in/pdf/syllabus/vol1_el.zip">https://ncert.nic.in/pdf/syllabus/vol1_el.zip</a>
CBSE Learning Frameworks: Learning Framework - English	<a href="https://cbseacademic.nic.in/cbe/documents/Learning_Standards_English.pdf">https://cbseacademic.nic.in/cbe/documents/Learning_Standards_English.pdf</a>
CBSE Learning Frameworks: Learning Framework - Mathematics	<a href="https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Maths.pdf">https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Maths.pdf</a>
CBSE Learning Frameworks: Learning Framework - Science	<a href="https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Science.pdf">https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Science.pdf</a>
CBSE Learning Frameworks: Learning Framework - Social Science	<a href="https://cbseacademic.nic.in/cbe/documents/Learning_Standards_SocialScience.pdf">https://cbseacademic.nic.in/cbe/documents/Learning_Standards_SocialScience.pdf</a>
CBSE: Mathematics Laboratory in Primary & Upper Primary schools	<a href="https://cbseacademic.nic.in/web_material/publication/archive/maths_activity_class_3_8_part3.pdf">https://cbseacademic.nic.in/web_material/publication/archive/maths_activity_class_3_8_part3.pdf</a>
Competency Based Framework on Literacy: Framework for Mathematic Literacy	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Math-Literacy_Final.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Math-Literacy_Final.pdf</a>
Competency Based Framework on Literacy: Framework for Reading Literacy	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Reading-Literacy-Final.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Reading-Literacy-Final.pdf</a>
Competency Based Framework on Literacy: Framework for Scientific Literacy	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Scientific-Literacy-Final.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Scientific-Literacy-Final.pdf</a>
Curriculum Aligned Competency Based Test Items: Class VIII Mathematics	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_Maths-Class-8.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_Maths-Class-8.pdf</a>
Curriculum Aligned Competency Based Test Items: Class VIII Science	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-8.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_Science-Class-8.pdf</a>
NCERT: Q & A Science and Mathematics in NCF-2005	<a href="https://ncert.nic.in/desm/pdf/ncf_qna.pdf">https://ncert.nic.in/desm/pdf/ncf_qna.pdf</a>

NCERT: Source Book on Assessment for Classes VI-VIII, Mathematics	<a href="https://ncert.nic.in/desm/pdf/SB_MathsVI-VIII.pdf">https://ncert.nic.in/desm/pdf/SB_MathsVI-VIII.pdf</a>
NCERT: Source Book on Assessment for Classes VI-VIII, Science- English	<a href="https://ncert.nic.in/desm/pdf/SB_ScienceVI-VIII.pdf">https://ncert.nic.in/desm/pdf/SB_ScienceVI-VIII.pdf</a>
NCERT: Source Book on Assessment for Classes VI-VIII, Science - Hindi	<a href="https://ncert.nic.in/desm/pdf/SB_VigyanVI-VIII.pdf">https://ncert.nic.in/desm/pdf/SB_VigyanVI-VIII.pdf</a>
NCERT: Laboratory Manual – Elementary Stage	<a href="https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVIII/mathematics/ahelm103.pdf">https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVIII/mathematics/ahelm103.pdf</a>
NCERT: Science Laboratory Manuals Mathematics Class I to VIII	<a href="https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVIII/mathematics/ahelm104.pdf">https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVIII/mathematics/ahelm104.pdf</a>
NCERT: Science Laboratory Manuals Mathematics Class I to VIII	<a href="https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVIII/mathematics/ahelm105.pdf">https://ncert.nic.in/pdf/publication/sciencelaboratorymanuals/classItoVIII/mathematics/ahelm105.pdf</a>
Practice Question Papers: Class 6	<a href="https://diksha.gov.in/play/collection/do_31332717461391769613079">https://diksha.gov.in/play/collection/do_31332717461391769613079</a>
Practice Question Papers: Class 7	<a href="https://diksha.gov.in/play/collection/do_31332717826029977613119">https://diksha.gov.in/play/collection/do_31332717826029977613119</a>
Practice Question Papers: Class 8	<a href="https://diksha.gov.in/play/collection/do_31332717993804595213151">https://diksha.gov.in/play/collection/do_31332717993804595213151</a>
Project books on Environmental Education for Classes VI-XII	<a href="https://ncert.nic.in/desm/env-edu.php">https://ncert.nic.in/desm/env-edu.php</a>
SAFAL: Structured Assessment for Analyzing Learning:	<a href="https://cbseacademic.nic.in/web_material/Manuals/Safal_handbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/Safal_handbook.pdf</a>
Sample Lesson Plans: English	<a href="https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-English-Final.pdf">https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-English-Final.pdf</a>
Sample Lesson Plans: Mathematics	<a href="https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Mathematics-Final.pdf">https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Mathematics-Final.pdf</a>
Sample Lesson Plans: Science	<a href="https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Science-Final.pdf">https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Science-Final.pdf</a>
Suggested Assessment Framework for CBSE science, mathematics and english for classes 6-10	<a href="https://cbseacademic.nic.in/cbe/documents/Assessment-Framework-March-2021.pdf">https://cbseacademic.nic.in/cbe/documents/Assessment-Framework-March-2021.pdf</a>
Teacher Training Module on CBE:	<a href="http://bit.ly/CompetencybasedEducation">http://bit.ly/CompetencybasedEducation</a>

Teacher's Resource for Achieving Loss:

[https://cbseacademic.nic.in/web\\_material/Manuals/TeachersResource\\_LODoc.pdf](https://cbseacademic.nic.in/web_material/Manuals/TeachersResource_LODoc.pdf)

### USEFUL LINKS FOR CLASSES IX to X

Secondary Curriculum for the Academic Year 2023-24	<a href="https://cbseacademic.nic.in/curriculum_2025.html#collapse2">https://cbseacademic.nic.in/curriculum_2025.html#collapse2</a>
In- service Teachers Professional Development (ITPD) package in Science and Mathematics for teachers of the secondary stage : सामान्य मुद्दे	<a href="https://ncert.nic.in/desm/pdf/generic_issue_hindi.pdf">https://ncert.nic.in/desm/pdf/generic_issue_hindi.pdf</a>
In- service Teachers Professional Development (ITPD) package in Science and Mathematics for teachers of the secondary stage : विज्ञान का शिक्षण	<a href="https://ncert.nic.in/desm/pdf/science_hindi.pdf">https://ncert.nic.in/desm/pdf/science_hindi.pdf</a>
In- service Teachers Professional Development (ITPD) package in Science and Mathematics for teachers of the secondary stage : गणित का शिक्षण	<a href="https://ncert.nic.in/desm/pdf/mathematics_hindi.pdf">https://ncert.nic.in/desm/pdf/mathematics_hindi.pdf</a>
Alternative Academic Calendar for Students Secondary-English	<a href="https://ncert.nic.in/pdf/aac_secondary_Eng.pdf">https://ncert.nic.in/pdf/aac_secondary_Eng.pdf</a>
Alternative Academic Calendar for Students Secondary-Hindi	<a href="https://ncert.nic.in/pdf/aac_secondary_Hindi.pdf">https://ncert.nic.in/pdf/aac_secondary_Hindi.pdf</a>
Eight Week Alternative Academic Calendar for the Secondary Stage Part II- English	<a href="https://ncert.nic.in/pdf/EightWeekAACSecondaryStage_Eng.pdf">https://ncert.nic.in/pdf/EightWeekAACSecondaryStage_Eng.pdf</a>
Eight Week Alternative Academic Calendar for the Secondary Stage Part II- English	<a href="https://ncert.nic.in/pdf/EightWeekAACSecondaryStage_Hindi.pdf">https://ncert.nic.in/pdf/EightWeekAACSecondaryStage_Hindi.pdf</a>
Syllabus at Secondary and Higher Secondary Level	<a href="https://ncert.nic.in/pdf/syllabus/vol2_hsl.zip">https://ncert.nic.in/pdf/syllabus/vol2_hsl.zip</a>
Suggested Assessment Framework for CBSE science, mathematics and English for classes 6-10	<a href="https://cbseacademic.nic.in/cbe/documents/Assessment-Framework-March-2021.pdf">https://cbseacademic.nic.in/cbe/documents/Assessment-Framework-March-2021.pdf</a>
Competency Based Framework on Literacy: Framework for Scientific Literacy	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Scientific-Literacy-Final.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Scientific-Literacy-Final.pdf</a>
Competency Based Framework on Literacy: Framework for Mathematic Literacy	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Math-Literacy_-Final.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Math-Literacy_-Final.pdf</a>
Competency Based Framework on Literacy: Framework for Reading Literacy	<a href="https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Reading-Literacy-Final.pdf">https://cbseacademic.nic.in/cbe/documents/SAS_CBLF_Reading-Literacy-Final.pdf</a>

CBSE Learning Frameworks: Learning Framework - Social Science	<a href="https://cbseacademic.nic.in/cbe/documents/Learning_Standards_SocialScience.pdf">https://cbseacademic.nic.in/cbe/documents/Learning_Standards_SocialScience.pdf</a>
CBSE Learning Frameworks: Learning Framework - Science	<a href="https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Science.pdf">https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Science.pdf</a>
CBSE Learning Frameworks: Learning Framework - Mathematics	<a href="https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Maths.pdf">https://cbseacademic.nic.in/cbe/documents/Learning_Standards_Maths.pdf</a>
CBSE Learning Frameworks: Learning Framework - English	<a href="https://cbseacademic.nic.in/cbe/documents/Learning_Standards_English.pdf">https://cbseacademic.nic.in/cbe/documents/Learning_Standards_English.pdf</a>
Sample Lesson Plans: Mathematics	<a href="https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Mathematics-Final.pdf">https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Mathematics-Final.pdf</a>
Sample Lesson Plans: Science	<a href="https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Science-Final.pdf">https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-Science-Final.pdf</a>
Sample Lesson Plans: English	<a href="https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-English-Final.pdf">https://cbseacademic.nic.in/cbe/documents/Lesson-Plan-English-Final.pdf</a>
Teacher Training Module on CBE:	<a href="http://bit.ly/CompetencybasedEducation">http://bit.ly/CompetencybasedEducation</a>
Teacher's Resource for Achieving Los:	<a href="https://cbseacademic.nic.in/web_material/Manuals/TeachersResource_LODoc.pdf">https://cbseacademic.nic.in/web_material/Manuals/TeachersResource_LODoc.pdf</a>
SAFAL: Structured Assessment for Analyzing Learning:	<a href="https://cbseacademic.nic.in/web_material/Manuals/Safal_handbook.pdf">https://cbseacademic.nic.in/web_material/Manuals/Safal_handbook.pdf</a>
Practice Question Papers: Class 9	<a href="https://diksha.gov.in/play/collection/do_31332718096135782413178">https://diksha.gov.in/play/collection/do_31332718096135782413178</a>
CBSE Handbooks: Design Thinking and Innovation - Grade 9	<a href="https://cbseacademic.nic.in/web_material/Manuals/DT_Curriculum9.pdf">https://cbseacademic.nic.in/web_material/Manuals/DT_Curriculum9.pdf</a>
OLABS	<a href="https://www.olabs.edu.in/">https://www.olabs.edu.in/</a>
PhET Interactive Simulations	<a href="https://phet.colorado.edu/">https://phet.colorado.edu/</a>
Virtual Labs	<a href="https://www.vlab.co.in/">https://www.vlab.co.in/</a>
Project books on Environmental Education for Classes VI-XII	<a href="https://ncert.nic.in/desm/env-edu.php">https://ncert.nic.in/desm/env-edu.php</a>



## USEFUL LINKS FOR CLASS XI-XII

Senior Secondary Curriculum for the Academic Year 2023-24	<a href="https://cbseacademic.nic.in/curriculum_2025.html#collapse1">https://cbseacademic.nic.in/curriculum_2025.html#collapse1</a>
Teacher Handbook on Environmental Education for the Higher Secondary Stage	<a href="https://ncert.nic.in/desm/pdf/content.pdf">https://ncert.nic.in/desm/pdf/content.pdf</a>
Alternative Academic Calendar for Students Higher Secondary-English	<a href="https://ncert.nic.in/pdf/AAC_HigherSecondary_eng.pdf">https://ncert.nic.in/pdf/AAC_HigherSecondary_eng.pdf</a>
Alternative Academic Calendar for Students Higher Secondary-Hindi	<a href="https://ncert.nic.in/pdf/AAC_HigherSecondary_Hin.pdf">https://ncert.nic.in/pdf/AAC_HigherSecondary_Hin.pdf</a>
CBSE Handbooks: Design Thinking and Innovation - Grade 12	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ComputerScienceXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ComputerScienceXII.pdf</a>
CBSE Handbooks: Design Thinking and Innovation - Grade 11	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/InformaticsPracticesXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/InformaticsPracticesXII.pdf</a>
OLABS	<a href="https://www.olabs.edu.in/">https://www.olabs.edu.in/</a>
Phet Interactive Simulations	<a href="https://phet.colorado.edu/">https://phet.colorado.edu/</a>
Virtual Labs	<a href="https://www.vlab.co.in/">https://www.vlab.co.in/</a>
Project books on Environmental Education for Classes VI-XII	<a href="https://ncert.nic.in/desm/env-edu.php">https://ncert.nic.in/desm/env-edu.php</a>
Financial Markets Management - XI	<a href="https://cbseacademic.nic.in/web_material/Manuals/FMM-XI_Jan22.pdf">https://cbseacademic.nic.in/web_material/Manuals/FMM-XI_Jan22.pdf</a>
Applied Mathematics XI	<a href="https://cbseacademic.nic.in/web_material/Manuals/Applied_Mathematics.pdf">https://cbseacademic.nic.in/web_material/Manuals/Applied_Mathematics.pdf</a>
Syllabus of Informatics Practices at Higher Secondary Stage	<a href="https://ncert.nic.in/pdf/syllabus/IPHSS.pdf">https://ncert.nic.in/pdf/syllabus/IPHSS.pdf</a>
Syllabus of Computer Science at Higher Secondary Stage	<a href="https://ncert.nic.in/pdf/syllabus/CSHSS.pdf">https://ncert.nic.in/pdf/syllabus/CSHSS.pdf</a>
CBSE Question Bank Class XII: Business Studies	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/BusinessStudiesXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/BusinessStudiesXII.pdf</a>
CBSE Question Bank Class XII: English Core	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EnglishCoreXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EnglishCoreXII.pdf</a>

CBSE Question Bank Class XII: Mathematics	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/MathematicsXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/MathematicsXII.pdf</a>
CBSE Question Bank Class XII: Accountancy	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/AccountancyXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/AccountancyXII.pdf</a>
CBSE Question Bank Class XII: Economics	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EconomicsXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/EconomicsXII.pdf</a>
CBSE Question Bank Class XII: Chemistry	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ChemistryXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ChemistryXII.pdf</a>
CBSE Question Bank Class XII: Computer Science	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ComputerScienceXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/ComputerScienceXII.pdf</a>
CBSE Question Bank Class XII: Informatics Practices	<a href="https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/InformaticsPracticesXII.pdf">https://cbseacademic.nic.in/web_material/QuestionBank/ClassXII/InformaticsPracticesXII.pdf</a>
CBSE Handbooks: Financial Markets Management - XII	<a href="https://cbseacademic.nic.in/web_material/Manuals/FMM-XII_Jan22.pdf">https://cbseacademic.nic.in/web_material/Manuals/FMM-XII_Jan22.pdf</a>
CBSE Handbooks: Applied Mathematics XII	<a href="https://cbseacademic.nic.in/web_material/Manuals/Book__Applied_Mathematics_ClassXII.pdf">https://cbseacademic.nic.in/web_material/Manuals/Book__Applied_Mathematics_ClassXII.pdf</a>
NCERT: Additional content in Physics based on revised syllabus	<a href="https://ncert.nic.in/desm/pdf/desm_s_physics.pdf">https://ncert.nic.in/desm/pdf/desm_s_physics.pdf</a>
NCERT: Additional content in Chemistry based on Revised syllabus.	<a href="https://ncert.nic.in/desm/pdf/desm_Chemistry.pdf">https://ncert.nic.in/desm/pdf/desm_Chemistry.pdf</a>
NCERT: Additional content in Mathematics based on Revised syllabus.	<a href="https://ncert.nic.in/desm/pdf/desm_Mathematics.pdf">https://ncert.nic.in/desm/pdf/desm_Mathematics.pdf</a>
NCERT: Additional content in Biology based on Revised syllabus.	<a href="https://ncert.nic.in/desm/pdf/desm_biology.pdf">https://ncert.nic.in/desm/pdf/desm_biology.pdf</a>

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