



# LOYOLA CONVENT SCHOOL

Vidyalaya Marg, Dumardaga, Booty, Ranchi  
Session-2024-25  
Syllabus of Class-IX

## Subject – English Language & Literature (184)

Month	Chapter/Topic
	(Language and Literature) Code 184 Prescribed Books – Text Books – (i)Beehive (NCERT) (ii) Supplementary Reader – Moments (NCERT) (iii) Words and Expressions 1 (NCERT) (iv) TOGETHER WITH:
April	BEEHIVE ● 1.The Fun They Had, ● 2.The Sound Of Music (1. Evelyn Glennie,) POEM ● 1.The Road Not Taken. MOMENTS ● 1.The Lost Child, GRAMMAR ● Tenses, Reported Speech TOGETHER WITH ● Chapter related units
May	BEEHIVE ● Ch-2 ( The Sound of Music) part 2 MOMENTS ● Ch -2 ( The Adventures of Toto) GRAMMAR ● Error correction
June	BEEHIVE ● Ch- 3 ( The Little Girl) ● Poem- Wind. ● Revision
July	BEEHIVE ● Ch-4 ( A truly Beautiful Mind) ● Ch- 5 ( The Snake and the Mirror) POEMS ● 3. Rain on The Roof MOMENTS ● Chp-3 Iswaran The Story Teller ● Chp-4 In the Kingdom of Fools. WORDS AND EXPRESSIONS ● Chapter related units GRAMMAR ● 1. Passive voice, 2. Subject-verb Agreement, 3. Integrated Grammar WRITING ● 1.Story Writing, 2. Descriptive Paragraph Writing TOGETHER WITH ● Chapter related units
August	BEEHIVE ●Chp-6 (My Childhood), POEM ● The Lake of Innisfree ● A Legend of the Northland MOMENTS ● Chp-5 ( The Happy Prince) WORDS AND EXPRESSIONS ● Chapter related units GRAMMAR ● 1.Clauses, 2.Prepositions, 3.Integrated Grammar TOGETHER WITH– Chapter related units
September	● Revision for Half yearly Examinations
October	BEEHIVE ● Chp-8 (Reach For the Top part ) POEM ● No Men are Foreign MOMENTS ● Chp-7 (The Last Leaf) WORDS AND EXPRESSIONS ● Chapter related units GRAMMAR ● Integrated Grammar (Revision) WRITING ● Revision (Diary Entry) TOGETHER WITH ● Chapter related units
November	BEEHIVE ● Chp- 10 ( Kathmandu) POEM ● On Killing a Tree ● Slumber Did My Spirit Seal MOMENTS ● Chp- 8 ( The House is Not a Home) WORDS AND EXPRESSIONS ● Chapter related units GRAMMAR ● Integrated Grammar (Revision) WRITING ● Revision (Story Writing)

	TOGETHER WITH ● Chapter related units ● Revision for PT2
December	BEEHIVE ● Chp-10 ( If I Were You) MOMENTS ● Chp-10 ( The Beggar) WORDS AND EXPRESSIONS ● Chapter related units GRAMMAR ● Integrated Grammar WRITING ● Revision (Article writing, Description)  TOGETHER WITH ● Chapter related units.
January	BEEHIVE ● CHP - 10 (If I were you cont.) ● Revision of the complete Syllabus for the Annual Exams

**Subject – Hindi Course – A (002)**

पुस्तक का नाम

1. स्पर्श
2. आधुनिक हिंदी व्याकरण तथा रचना
3. संचयन
4. टूगेदरविथहिन्दी बी

महीना	पुस्तक का नाम	पाठ संख्या एवं नाम
अप्रैल	स्पर्श	पाठ 1 दुख का अधिकार
	व्याकरण	पाठ 1 शब्द और पद संज्ञा सर्वनाम विशेषण अपठित गद्यांश पत्र लेखन (औपचारिक अनौपचारिक)
	संचयन	पाठ 1 गिल्लू
	टूगेदरविथ हिंदी बी	पाठ्य पुस्तक आधारित प्रश्न का अभ्यास अपठित गद्यांश का अभ्यास
मई	स्पर्श	पाठ 7 रैदास
	व्याकरण	पाठ 1 शब्द और पद क्रिया, अव्यय, निपात चित्र वर्णन, संवाद लेखन, अनुच्छेद लेखन
	संचयन	पाठ 1 गिल्लू पुनरावृत्ति
	टूगेदरविथ हिंदी	पाठ आधारित बहु वैकल्पिक प्रश्नों का अभ्यास पत्र लेखन ईमेल लेखन का अभ्यास
जून	स्पर्श	पुनरावृत्ति
	व्याकरण	पुनरावृत्ति, अनुच्छेद लेखन
	संचयन	पुनरावृत्ति
	टूगेदरविथ हिंदी बी	पाठ आधारित बहुविकल्पिक प्रश्नों का अभ्यास

	<b>PT-1अप्रैल सेमईतक का पाठ्यक्रम</b>	
जुलाई	स्पर्श	पाठ 2एवरेस्ट: मेरी शिखर यात्रा
	व्याकरण	पाठ 2 अनुस्वार और अनुनासिक अपठितगद्यांश चित्र वर्णन पत्र लेखन, अनुच्छेद लेखन
	संचयन	पाठ 2स्मृति
	टूगेदरविथ हिंदी बी	व्याकरण आधारित बहु वैकल्पिक प्रश्नों का अभ्यास
अगस्त	स्पर्श	पाठ 8रहीमकेदोहे
	व्याकरण	उपसर्ग प्रत्यय , अनुच्छेद लेखन, चित्र वर्णन संवाद लेखन
	संचयन	पाठ 2 स्मृति पुनरावृत्ति
	टूगेदरविथ हिंदी बी	उपसर्ग प्रत्यय पर आधारित प्रश्नों का अभ्यास
सितंबर	स्पर्श	पुनरावृत्ति
	व्याकरण	पुनरावृत्तिस्वर संधि
	संचयन	पुनरावृत्ति
	टूगेदरविथ हिंदी बी	संज्ञा सर्वनाम विशेषण आधारित प्रश्नों का अभ्यास
	<b>Half yearly Examination अप्रैल से अगस्त तक का पाठ्यक्रम</b>	
अक्टूबर	स्पर्श	पाठ 3तुम कब जाओगे अतिथि
	व्याकरण	विराम चिन्ह अनुच्छेद लेखन , पत्र लेखन
	संचयन	पाठ 3 कल्लू कुम्हार की उनाकोटी
	टूगेदरविथ हिंदी बी	पाठ आधारित प्रश्नों का अभ्यास
नवंबर	स्पर्श	पाठ11 गीत -अगीत, पाठ 12अग्निपथ
	व्याकरण	अर्थ की दृष्टि से वाक्य भेद, स्वर संधि,चित्र वर्णन
	संचयन	पाठ 3 पुनरावृत्ति
	टूगेदरविथ हिंदी	पाठ्य पुस्तक आधारित प्रश्नों का अभ्यास
दिसंबर	स्पर्श	पाठ4 वैज्ञानिक चेतना के चंद्रशेखर वेंकटरमन
	व्याकरण	शब्द विचार पुनरावृत्ति,स्वरसंधि अपठितगद्यांश, पत्र लेखन
	संचयन	पाठ 3 पुनरावृत्ति
	टूगेदरविथ हिंदी बी	अपठितगद्यांश पर आधारित प्रश्न का अभ्यास, पत्र लेखन का अभ्यास
जनवरी	स्पर्श	पाठ 6 शुक्र तारे के समान
	व्याकरण	अर्थ की दृष्टि से वाक्य के भेद, अनुच्छेद लेखन, पत्र लेखन

	संचयन	पाठ 4 मेरा छोटा सा निजी पुस्तकालय
	टूगेदरविथ हिंदी बी	पाठ्य पुस्तक आधारित प्रश्न का अभ्यास
	<b>P T-III अक्टूबर से दिसंबर तक का पाठ्यक्रम</b>	
फरवरी	स्पर्श	पाठ 13 नए इलाके में...। खुशबू रचते हैं हाथ
	व्याकरण	अर्थ की दृष्टि से वाक्य के भेद पुनरावृत्ति, विरामचिह्न , चित्र वर्णन
	संचयन	पुनरावृत्ति
	टूगेदरविथ हिंदी बी	पाठ आधारित प्रश्नों के उत्तर का अभ्यास
मार्च	<b>FINAL exam अप्रैल से फरवरी तक का पाठ्यक्रम</b>	

**Subject – Sanskrit (122)**

Month	Chapter/Topic
April & May	शेमुषी -भारतीयसंतगीति, स्वर्णकाकः व्याकरण- स्वर संधि-दीर्घ, गुण, वृद्धि, यण, अयादि धातु रूप- पठ्, गम्, भू, कृ, अस्, क्रीड (लट्, लृट्, लड लकार) शब्द रूप-बालक, लता, मुनि, साधु, किम्, अस्मद, युस्मद संकेताधारित पत्र, चित्र लेखनम्, पंच सरलवाक्यानां संस्कृत अनुवादः, उपपदविभक्ति प्रयोगः(द्वितीया, तृतीया, चतुर्थी), अपठित अनुच्छेद अभ्यासवान-पाठित व्याकरण अभ्यास टूगेदर विद-पाठित पाठाभ्यास
June	शेमुषी-गोदोहनम् व्याकरण- व्यंजन संधि(जशत्त्व, मोनुस्वार), संख्या-1-50, शब्द रूप-नदी, मातृ धातुरूप-पा, त्यज्, नी, श्रु अभ्यासवान-पाठित व्याकरणाभ्यास टूगेदर विद- पाठित पाठाभ्यास P T 1 PORTION(प्रथमा मासिकी परीक्षा)पाठ्यक्रम शेमुषी - पाठ 1,2, व्याकरण- स्वर संधि, संख्या 1-50, शब्दरूप-बालक, लता, मुनि साधु, किम्, धातु रूप- पठ्, गम्, वद, भू, क्रीड, अपठित अनुच्छेद, चित्र, पत्र, अनुवाद
July	शेमुषी- , भ्रांतो बाल; सूक्तिमौक्तिकम् व्याकरण- उपपदविभक्ति नियम(द्वितीया, तृतीया, चतुर्थी), प्रत्यय-क्त्वा, तुमुन्, ल्यप्, क्तवत्, अनुवादभ्यास, अपठित अनुच्छेद, उपसर्ग, चित्र, पत्र अभ्यासवान-पाठित व्याकरणाभ्यास टूगेदर विद-पाठित पाठाभ्यास

August	शेमुषी- सूक्तिमौक्तिकम् व्याकरण- तुमुन्, ल्यप्, क्तवत् टुगेदर विद- पाठित् पाठाभ्यास
September	P T -2 PORTION(अर्धवार्षिकी परीक्षा पाठ्यक्रम) शेमुषी- पाठ(1,2,3,5,6) व्याकरण- (सितम्बर यावत् पाठित:पाठाः)
October	शेमुषी - सिकतासेतुः, जटायुःशौर्यम् व्याकरण- संख्या(51-100),उपपदविभक्ति(पञ्चमी, षष्ठी,सप्तमी,अष्टमी),चित्र लेखनम्,पत्र, प्रत्यय-शतृ, शानच्,क्त,क्तवत्, धातु रूप-स्मृ, मिल,कुप्,(लट्,लृट्,लङ्,लोट,विधिलिङ्ग) अभ्यासवान-पाठितः व्याकरण पाठाः,उत्त्व,रत्वसंधि, प्रश्नबोधक शब्द टुगेदर विद-पाठिताः पाठाभ्यासः
November	शेमुषी -पाठ-11, पाठ 12 व्याकरण-शब्दरूपाभ्यास, धातुरूपाभ्यास,अनुवादाभ्यास,अपठित अनुच्छेदाभ्यास, टुगेदर विद- पठित पाठाभ्यास P T 3 PORTION ( तृतीया मासिकी परीक्षा पाठ्यक्रम) शेमुषी- पाठ-9, पाठ 10 व्याकरण-प्रत्यय,उपपदविभक्ति नियम,शब्द रूप,अपठित अवबोधनं,चित्र,पत्र,अनुवाद
December	- शेमुषी- जटायुःशौर्यम्, पर्यावर्णम् व्याकरण - पुनरावृत्ति टुगेदर विद- प्रश्नपत्राभ्यास,मॉडल टेस्ट पेपर्स
January	प्रश्न पत्राभ्यास

### Subject - Mathematics

Month	NCERT & R S Aggarwal	LAB MANUAL
April	Ch-1.Number System (NCERT) Ch-1 (R S Aggarwal) Ch-2. Polynomials (NCERT) Ch-2 (R S Aggarwal)	Act 1,2
May	Ch-2. Polynomials (Continued) (NCERT) Ch-3 (R S Aggarwal) Ch-3. Coordinate Geometry (NCERT) Ch-5 (R S Aggarwal)	Act 3,4,5
June	Ch-5. Introduction to Euclid's Geometry (NCERT) Ch-6 (R S Aggarwal) Ch-6. Lines &Angles (NCERT) Ch-7 (R S Aggarwal)	Act 8
	<b>REVISION OF PT-1</b> <b>Portion – Ch- 1,2,3,5</b>	
July	Ch-6. Lines & angles continued (NCERT) Ch-7 (R S Aggarwal) Ch-7. Triangles (NCERT)	Act 18

	Ch-8,9 (R S Aggarwal) Ch-10. Heron's Formula (NCERT) Ch-14 (R S Aggarwal)	
Aug	Ch-12. Statistics (NCERT) Ch-16,17,18 (R S Aggarwal)	Act 17,20
	<b>REVISION OF HALF YEARLY EXAMINATION</b>	
Sep	<b>REVISION OF HALF YEARLY EXAMINATION</b> <b>Portion – Ch- 1,2,3,5,6,7,10,12</b>	
Oct	Ch-4. Linear Equation in two variables (NCERT) Ch-4 (R S Aggarwal) Ch-8. Quadrilaterals (NCERT) Ch-10 (R S Aggarwal)	Act 11,12
Nov	Ch-9. Circles (NCERT) Ch-12 (R S Aggarwal)	Act 14,15,16,17
	<b>REVISION OF PT-3</b> <b>Portion – Ch- 3,4,8,9</b>	
Dec	Ch-11. Volume and Surface Area (NCERT) Ch-15 (R S Aggarwal)	Act 19
Jan	<b>REVISION OF ANNUAL EXAMINATION</b>	
Feb	<b>REVISION OF ANNUAL EXAMINATION</b> <b>Portion – Ch- 1,2,3,4,5,6,7,8,9,10,11,12</b>	

### Subject- Physics

Month	Chapter/Topic
April	Ch-Motion Distance and displacement, velocity, uniform and non-uniform motion along a straight line, acceleration, distance-time and velocity time graphs for uniform motion and uniformly accelerated motion
May	Ch-Motion Elementary idea of uniform circular motion. Ch-Force and Laws of Motion Force and motion
June	Ch-Force and Laws of Motion Newton's Laws of Motion, Action and Reaction forces
July	Ch-Force and Laws of Motion Inertia of a body, Inertia and Mass, Momentum, Force and Acceleration. Ch-Gravitation Gravitation, Universal Law of Gravitation
August	Ch-Gravitation Force of Gravitation of the earth (gravity), Acceleration due to Gravity, Mass and Weight, Free fall.
September	Ch-Floatation Thrust and Pressure, Archimedes Principle, Buoyancy.
October & November	Ch-Work, Energy and Power Work done by a Force, Energy, Power, Kinetic and Potential energy, Law of conservation of energy (excluding commercial unit of Energy)
December	Ch-Sound Nature of sound and its propagation in various media, speed of sound, range of hearing in humans, ultrasound, reflection of sound, echo.

## Subject - Chemistry

<b>Month</b>	Chapters and topics to be covered
April	Chapter 1. Matter in our surroundings Topics- Nature of matter, Characteristics of matter, Matters type solid, liquid and gas and their basic differences, sublimation ,Effect of pressure and temperature, Diffusion, Conversion of Celsius into Kelvin and vice versa, Latent heat - Latent heat of fusion and Vaporisations.
May	Evaporation and its factors. <b>Informative topics from -New Millennium Chemistry-</b> Boiling and evaporation differences , Vapour and gas difference ,Plasma state and Bose Einstein condensate practise questions from fundamental of chemistry questions Mcq 1 to 25 and Assertions Reasons (pg 32,33,34,35) practise questions (pg 49,50) Chapter 2- Is matter around us pure? Topics to be covered-Pure substances and Impure
June	Chapter 2-Is matter around Us pure? ,Elements and compounds ,Types of elements and compounds .Mixtures Revision of pt1
Pt 1 syllabus	Chapter 1-Matter in our surrounding Chapter 2-Is matter around us pure Till types of elements and compounds.
July	Chapter 2-Is matter around us pure Topics to be covered-Types of mixtures, Homogeneous and Heterogeneous mixtures, Solutions, Types of solutions (saturated solution, unsaturated solutions, Supersaturated solutions), concentrations of solutions, Colloids, suspensions. Differences in properties of Solution, suspension and colloids.
August	Chapter 2 –Physical and chemical changes, Tyndall effect <b>Informative topics from New millenium chemistry-</b> , differences between elements and compounds, Mixtures and compounds and various examples of mixtures . practise from fundamental of chemistry MCQ q1 to q25, Assertion & Reason (pg 83,84,85,86) Practise questions (pg ,106,107,108)
September	Revision of PT 2(Half -Yearly)
Half yearly syllabus	Chapter 1 Matter in our surroundings and chapter 2 is matter around us pure ?
October	Chapter 3-Atoms and molecules Topics to be covered-Laws of chemical combinations, Dalton atomic theory and its limitations. Modern atomic theory, Symbols, atomic mass and types of atomic masses, Molecules and their types Finding formulas and masses of chemical compounds
November	<b>Informative topics from New Millenium Chemistry-</b> ions, atomic number, mass number and their orbital shapes. Practise from fundamental of chemistry Mcq q1 to q21, Assertion & reason (139,140,141), Practise questions (pg 157,158,159)
December	Chapter 4 Structure of atoms Topics to be covered –Discovery of electrons, protons and neutron, various models of atoms and their limitations (Thomson model, Rutherford model, Bohr model )
January	Valency and valence electrons Atomic Number, Mass Number. Isotopes & Isobars <b>Informative topics from Fundamental of chemistry-</b> K, L, M, N electronic configurations , Isotones. Mcq & assertion & reasons (193,194,195,196) Practise questions (pg 213) Revision of chapters 2,3,
Syllabus for pt3	Chapter 2 Is matter around us pure and chapter 3-Atoms and molecules
February	Revision for Annuals
Syllabus of annuals	Chapter 1-Matter in our surroundings Chapter 2-Is matter around us pure? Chapter 3-Atoms and Molecules. Chapter 4-Structure of atoms.

**Subject – Biology**

<b><u>MONTH</u></b>	<b>CHAPTERS AND TOPICS TO BE COVERED</b>
April	FUNDAMENTAL UNIT OF LIFE Introduction, Cell Theory, Cell Shape And Size, Prokaryotic And Eukaryotic Organism, Unicellular And Multicellular Organism, Structure And Function Of Prokaryotic And Eukaryotic Cell(Plant And Animal) Basic Structure Of Cell, Plasma Membrane Structure, Function, Fluid Mosaic Model, Movement Of Substances Through Plasma Membrane.
May	FUNDAMENTAL UNIT OF LIFE Structure And Function Of Cell Wall, Nucleus, Cytoplasm, Endoplasmic Reticulum
June	FUNDAMENTAL UNIT OF LIFE Revision of the topics covered
Pt 1 syllabus	FUNDAMENTAL UNIT OF LIFE Introduction, Cell Theory, Cell Shape And Size, Prokaryotic And Eukaryotic Organism, Unicellular And Multicellular Organism, Structure And Function Of Prokaryotic And Eukaryotic Cell(Plant And Animal) Basic Structure Of Cell, Plasma Membrane Structure, Function, Fluid Mosaic Model, Movement Of Substances Through Plasma Membrane, Structure And Function Of Cell Wall, Nucleus, Cytoplasm, Endoplasmic Reticulum
July	FUNDAMENTAL UNIT OF LIFE Structure and function of Ribosome, Golgi apparatus, Lysosomes, Plastid, Vacuoles, Centrosome, Peroxisomes, Brief introduction of cell division Chapter end question(exercise) Chapter 2 –TISSUES Introduction of animal and plant tissue, Structure, types and functions of Meristematic tissue
August	Structure, Types And Functions Of Permanent Tissues ( Simple And Complex Permanent Tissue), Protective Layers In Plants (Epidermis And Cork), Epithelial Tissue, Connective Tissue ( Bone, Connective Tissue Proper)
September	Structure, types and functions of Muscular tissue Revision for half yearly
Half yearly syllabus	FUNDAMENTAL UNIT OF LIFE TISSUE( till connective tissue proper )
October	TISSUE Structure ,Type And Function Of Nervous Tissue, Chapter End Questions (Exercise) IMPROVEMENT IN FOOD RESOURCES Crop Variety Improvement, Production Management, Manure And Fertilizer, Irrigation
November	Cropping Pattern, Crop Protection Management, Animal Husbandry: Cattle Farming, Poultry Farming
December	Poultry farming, Fish farming, apiculture Chapter end questions(exercise)
January	PT3
PT3 SYLLABUS	TISSUE MUSCULAR TISSUE, NERVOUS TISSUE IMPROVEMENT IN FOOD RESOURCES Crop Variety Improvement, Production Management, Manure And Fertilizer, Irrigation, Cropping Pattern, Crop Protection Management, Animal Husbandry: Cattle Farming
February	REVISION FOR ANNUAL EXAM
Syllabus of annuals	1.FUNDAMENTAL UNIT OF LIFE 2.TISSUE 3.IMPROVEMENT IN FOOD RESOURCES



**Sub: Social Science (087)**

Month	Book	Chapter/Topic
April	History Geography  Political science Economics	Ch 1: The French Revolution Ch 1: India : Size and location Ch 2: Physical features of India Ch1: What is democracy? Why democracy? Ch1: The story of village Palampur
May	History  Geography Political science Economics	Ch:2 Socialism in Europe and Russian Revolution ( conti) Ch :3 Drainage Ch:2 Constitutional design ( conti) Ch:2 People as Resource ( cont)
June	History Geography Political science Economics	Revision for pt 1 ch 1 Revision for pt 1 ch1,2 Ch :2 completion and revision ch 1 Ch :2 completion and revision ch 1
July	History  Geography Political science Economics	Ch :2 Completion Ch:3 Nazism and rise of Hitler(cont) Ch :4 Climate Ch :5 electoral politics(cont) Ch :6 poverty as a challenge(cont)
August	History Geography  Political science Economics	Ch :3 Completion Ch: 5 Natural vegetation and wildlife(cont) Ch : 3 Completion Ch : 3 Compilation
September		Rvision for Half yearly Exam History ch : 1,2 Geography ch : 1,2,3 Political science ch : 1,2,3 Economics ch 1,2,3
October	History  Geography Political science Economics	Ch : 4 Forest society and colonialism(only for project) Ch :5 Completion ( project) Ch :3 Working of institutions( cont) Ch :4 food Security in India ( cont)
November	History  Geography Political science Economics	Ch :5 Pastoralists in the Modern world ( cont) Ch :6 population (cont) Ch :4 Completion Ch:4 Completion
December	History Geography Political science Economics	Ch :5 Completion Ch:6 Completion Ch:5 Demoractic Rights ( conti) Revision ch :1
January		Revision for PT 3 History ch : 3,4 Geography ch : 4 Political Science ch : 4 Economics : ch 4
February	History Geography	Revision for Annual Exam Revision for Annual Exam

	Political science Economics	Ch : 5 Completion and Revision Revision for Annual Exam History: ch 1,2,3 Geography: ch 1,2,3,4,6 Political science: ch1,2,3,4,5 Economics: ch 1,2,3,4,5
	Project History/geography	Disaster management

**Subject – Information Technology (402)**

Month	Chapter/ Topic	Chapter/ Topic
April	1	Communication Skills
	8	ITeS
May	2	Self Management
June	9	Keyboard Skills
July	3	Information & Communication Technology
	10	Digital Documentation
	11	Formatting in Word Processor
August, September	12	Mail Merge
October	4	ICT: Computer and It's parts
	13	Electronic Spreadsheet
November	13	Electronic Spreadsheet
	14	Formatting Cells in Spreadsheet
December	15	Digital Presentation
	16	Digital Slides
January	5	ICT: e-Mails
	6	Entrepreneurship
	7	Green Skills