



CECIL CONVENT SCHOOL
CLASS XI SCIENCE
ACADEMIC PROGRAMME (2025-26)

Month	Subjects	Syllabus to be Covered
April	English	HORNBILL Chapter: The Portrait of a Lady Poem: A Photograph WRITING Speech Poster Making
	Physics	Chapter 2 (Units and measurement)
	Chemistry	Chapter 1 :Some basic concepts of chemistry.
	Biology	Chapter 1-The Living World Chapter 2- Biological Classification
	Mathematics	Ch - 1 Sets Ch - 2 Relations and Numbers Ch - 4 Complex Number
	I.P.	Ch-2 Getting started with Python
	Music	Sangeet, Swar, Saptak, Dhawani, Thaata, Jati, Laye, Taal, Margi and Desi Sangeet Taal keharwa Teentaal
	Physical Education	Unit 1 - Management of Sporting Events Unit 2 - Children and Women in Sports

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- * SEA : Subject Enrichment Activities
- * MA : Multiple Assessment
- * CDKS : Cross Domain Knowledge Sharing

Sr. Coordinator
Cecil Convent School
Ambala Cantt



CECIL CONVENT SCHOOL
CLASS XI SCIENCE
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Month	Subjects	Syllabus to be Covered
May	English	HORNBILL Poem: The Laburnum Top Chapter: We're Not Afraid to Die.... SNAPSHOTS Chapter: The Summer of the Beautiful White Horse
	Physics	Unit 2 (Kinematics) Chapter 3 (Motion in a straight line) Chapter 4 (Motion in a plane) - till multiplication of vectors by real numbers.
	Chemistry	Chapter 2 :Structure of atom Chapter 3:Classification of elements and periodicity in properties (Till Periodic table)
	Biology	Chapter 3- Plant kingdom Chapter 4 -Animal kingdom
	Mathematics	Ch 3 - Trigonometric functions. Ch 5 - Linear Inequalities
	I.P.	Ch-3 Python Fundamentals Ch-4 Data Handling(half)
	Music	Raag Bhimpalasi Biography of Tansen
	Physical Education	Unit 3- Yoga as Preventive measure for lifestyle diseases Unit 4 - Physical Education & Sports for (CWSN)

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CECIL CONVENT SCHOOL
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Month	Subjects	Syllabus to be Covered
June	English	SUMMBER VACATIONS
	Physics	SUMMBER VACATIONS
	Chemistry	SUMMBER VACATIONS
	Biology	SUMMBER VACATIONS
	Mathematics	SUMMBER VACATIONS
	I.P	SUMMBER VACATIONS
	Music	SUMMBER VACATIONS
	Phy.Edu	SUMMBER VACATIONS

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CECIL CONVENT SCHOOL
CLASS XI SCIENCE
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Month	Subjects	Syllabus to be Covered	
July	English	HORNBILL	
		Chapter: Discovering Tut: The saga continues	
		SNAPSHOTS	
		Chapter: The Address	
		GRAMMAR	
		Gap Filling and Sentence Reordering/Transformation Sentences	
		READING	
		Note Making and Summarisation	
		Revision of Monthly Test-I	
		SYLLABUS FOR Monthly Test-I	
		MAIN COURSE BOOK (HORNBILL)	
		Prose:	
		1. The Portrait of a Lady	
		Poetry:	
		1. A Photograph	
		2. The Laburnum Top	
		SUPPLEMENTARY READER (SNAPSHOTS)	
		1. The Summer of the Beautiful White Horse	
		2. The Address	
		Writing	
		1. Poster	
		2. Debate	
		Grammar	
		1. Gap Filling	
		2. Sentence Re-ordering	
		Reading	
		Unseen Passage	
		Physics	Chapter 4 (Motion in a plane) - To be continued
			Unit 3: Chapter 5 (laws of Motion)
			Revision of Monthly Test-I
SYLLABUS FOR Monthly Test-I			
Chapter 2-Units and measurements			
Chapter 3 -Motion in a straight line			
Chapter 4-Motion in a plane (till multiplication of vectors by real numbers)			
Chemistry	Chapter 3:Classification of elements and periodicity in properties		
	Chapter 4:Chemical bonding		
	Revision of Monthly Test-I		
	SYLLABUS FOR Monthly Test-I		

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	Chapter 1- Some basics concepts of chemistry	
	Chapter 2- Structure of atom	
Biology	Chapter 5- Morphology of flowering plants	Kajal
	Chapter 6- Anatomy of flowering plants	
	Chapter 7-Structural organisation in animals	
	Revision of Monthly Test-I	
	SYLLABUS FOR Monthly Test-I	
	Chapter 1- the living world	
	Chapter 2 – biological classification	
	Chapter 3- plant kingdom	
Mathematics	Ch - 6 Permutation and Combination	D
	Ch - 7 Binomial Theorem	
	Revision of Monthly Test-I	
	SYLLABUS FOR Monthly Test-I	
	Chapter 1- sets	
	Chapter 2- relations and functions	
	Chapter 3- complex numbers	
I.P.	Ch-5 Flow of control	D
	Ch-6 List Manipulation	
	Revision of Monthly Test-I	
	SYLLABUS FOR Monthly Test-I	
	Chapter 2 - Getting started with Python	
	Chapter 3 - Python Fundamentals	
Music	Chaartaal	shik
	Naad, Shruti, dhrupad, khayal, Gharana, Tarana.	
	Revision of Monthly Test-I	
	SYLLABUS FOR Monthly Test-I	
	Definitions : Sangeet Swar saptak , Dhawani thaat jaati laye Taal margi desi sangeet.	
	Biography,; Taansen	
	Taal : Kherwa, Teentaal.	
Physical Education	SYLLABUS FOR Monthly Test I	Surya
	Unit 1 - Changing trends and career in Physical education	
	Unit 2 - Olympic value education	

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Month	Subjects	Syllabus to be Covered
August	English	<u>HORNBILL</u>
		Poem: The Voice of the Rain
		Chapter: Mother's Day
		<u>WRITING</u>
		Debate
	Physics	Advertisements (Situation Vacant/Situation Wanted)
		Unit 4 Chapter 6: Work, Energy and power Unit 5 Chapter 7: System of particles and rotational motion (till centre of mass of a uniform rod)
	Chemistry	Chapter 5 :Chemical Thermodynamics
	Biology	Chapter 8- Cell the unit of life Chapter 9- Biomolecules Chapter 10-Cell cycle and cell division
	Mathematics	Ch -8 Sequence and Series Ch - 9 Straight Lines
I.P.	Ch-1 Computer Network Ch-7 Dictionary	
Music	Study of musical elements in Natye shastra. Ektaal Biography of Pt V N Bhathkhande Raag Bhairavi.	
Physical Education	unit 6 Test and Measurement in Sports	

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Month	Subjects	Syllabus to be Covered
September	English	HALF YEARLY EXAMINATION
		SYLLABUS OF HALF YEARLY EXAMINATION
		MAIN COURSE BOOK (HORNBILL)
		Prose:
		1. The Portrait of a Lady
		2. We're Not Afraid to die
		3. Discovering Tut: The Saga Continues
		Poetry:
		1. A Photograph
		2. The Laburnum Top
		3. The Voice of the Rain
		SUPPLEMENTARY READER (SNAPSHOTS)
		1. The Summer of the Beautiful White Horse
		2. The Address
		3. Mother's Day (Play)
		WRITING
		1. Advertisements (situation vacant/ situation wanted)
		2. Poster Making
		3. Speech Writing
		4. Debate
		Grammar
		1. Gap Filling
		2. Sentence Re-ordering
		3. Transformation of Sentences
		READING
Discursive Passage		
Case Based Passage		
Note Making and Summarisation		
Chapter 7: system of particles and Rotational motion (to be completed)		
Physics	HALF YEARLY EXAMINATION SYLLABUS OF HALF YEARLY EXAMINATION Chapter- 2 to 7	
Chemistry	HALF YEARLY EXAMINATION SYLLABUS OF HALF YEARLY EXAMINATION Chapter – 1 to 5(till hess's law)	
Biology	Chapter 11- Photosynthesis in higher plants HALF YEARLY EXAMINATION SYLLABUS OF HALF YEARLY EXAMINATION Chapter 1 to 9	
Mathematics	HALF YEARLY EXAMINATION SYLLABUS OF HALF YEARLY EXAMINATION Chapter 1 to 7	
I.P.	Revision of Half yearly SYLLABUS OF HALF YEARLY EXAMINATION Chapter 4 ,5 and 6	
Music	Biography of Pt V D Paluskar. Revision of Half yearly SYLLABUS OF HALF YEARLY EXAMINATION Definitions: Sangeet Swar saptak Dhvani Thaata Jati Laye Taal Margi and Desi Sangeet. Taal: Keharwa Teentaal Chaartaal Raag: Bhimpalasi Bhairavi Biography: VN Bhatkhande Taansen. Topic: Naad Shruti dhrupad khayal Gharana and Tarana.	

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Revision for Half Yearly Examination
Physical Education
Syllabus for Half Yearly Examination
Unit 1 to 5

Unit 1 to 5

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2023

Syllabus to be Covered

Month	Subjects	
October	English	HORNBILL
		Poem: Childhood
		Chapter: The Adventure
		Chapter: Silk Road
		SNAPSHOTS
		Chapter: Birth
		GRAMMAR
		Clauses
		WRITING
		Advertisements (Lost and Found/ Matrimonial)
	Physics	Unit 6 Chapter 8 Gravitation
		Unit 7
	Chemistry	Chapter 9 (Mechanical properties of solids)
		Chapter 7 :Redox reactions Chapter 6 :Equilibrium (part 1)
Biology	Chapter 11- Photosynthesis in higher plants (continued)	
	Chapter 12- Respiration in plants	
	Chapter 13 - Plant growth and development	
Mathematics	Chapter 10 -Conic- Sections with circles	
	Chapter 11 - Introduction to 3-D Geometry	
	Chapter 12 - Limits and Derivatives	
I.P.	Ch-10 Database Concepts	
	Ch-11 SQL(Half)	
Music	Study of Tanpura Raag Bihag.	
Physical Education	unit 7 Physiology & Injuries in Sport	
	Unit 8 Biomechanics and Sports	

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CECIL CONVENT SCHOOL
CLASS XI SCIENCE
ACADEMIC PROGRAMME

Month	Subject	Syllabus to be Covered
November	English	HORNHILL Poem: Father to Son STATISTICS
	Physics	Chapter 10 (Mechanical properties of fluids) Chapter 11 (Thermal properties of matter) Unit 8 Chapter 12 (Thermodynamics)
	Chemistry	Chapter 6 (Equilibrium part 2) Chapter 8 (organic chemistry some basic principles and techniques (all reaction intermediates))
	Biology	Chapter 14 (Breathing and exchange of gases) Chapter 15 (Body fluids and circulation) Chapter 16 (Excretory products and their elimination)
	Mathematics	Chapter 13 Statistics Chapter 14 Probability
	IT	Ch-11 SQL (full) with program
	Music	Revision of Fall syllabus
	Physical Education	Unit 9 Psychology and Sports

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CECIL CONVENT SCHOOL
CLASS XI SCIENCE
ACADEMIC PROGRAMME

Month	Subjects	Syllabus to be Covered
December	English	Revision of Full syllabus
		Revision of MT-II
		SYLLABUS FOR PA-II
		MAIN COURSE BOOK(HORNBILL):
		Prose:
		1. The Adventure
		2. Silk Road
		Poetry:
		1. Childhood
		2. Father to Son
		SUPPLEMENTARY READER (SNAPSHOTS):
		1. Mother's Day
		2. Birth
		WRITING:
		1. Advertisements (Lost and Found/ Matrimonial)
		2. Speech/Debate
		GRAMMAR:
1. Clauses		
2. Sentence Re-ordering		
READING:		
Note making and Summarization		
Physics	Physics	Unit 9:
		Chapter 13: (Kinetic Theory)
		Chapter 14: Oscillation and Waves
		Revision of MT-II
		SYLLABUS FOR MT-II
		Unit 6- gravitation
		Unit 7-properties of bulk matter
Chemistry	Chemistry	Chapter 8: organic chemistry some basic principles and techniques.
		Chapter 9: Hydrocarbons
		Revision of MT-II
		SYLLABUS FOR MT-II
		Chapter 5- thermodynamics
		Chapter 6- equilibrium part 1
		Chapter 7- redox reactions
Biology	Biology	Chapter 17- Locomotion and movement
		Chapter 18- Neural control and coordination
		Chapter 19- Chemical coordination and integration.
		Revision of MT-II
		SYLLABUS FOR MT-II
		Chapter 10- cell cycle and cell division
Chapter 11 – photosynthesis in higher plants		

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Mathematics	Revision of MT-II
	SYLLABUS FOR MT-II
	Chapter 10- conic section Chapter 11- introduction to 3D geometry Chapter 12- limits and derivatives
I.P	Revision of Full syllabus
	SYLLABUS FOR MT-II Chapter 1, 7 and 10
Music	Revision of Full syllabus
	Revision of MT-II
	SYLLABUS FOR MT-II
	Definitions: Naga Shruti Swar saptak sangeet.
	Biography : VD Paluskar, VN Bhatkhande.
Raag: Bhairavi, Bhihaag Raag Bhimpalasi	
Topic : Musical elements in Natye shastra .	
Study of Tanpura.	
Physical Education	Unit 10 - Training in Sports
	SYLLABUS FOR MT-II
	Unit 6 and 7

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EDUCATION BEGETS HUMILITY

CECIL CONVENT SCHOOL
CLASS XI SCIENCE
ACADEMIC PROGRAMME

Month	Subjects	Syllabus to be Covered
January	English	Revision of Full Syllabus
	Physics	Revision of Full Syllabus
	Chemistry	Revision of Full Syllabus
	Biology	Revision of Full Syllabus
	Mathematics	Revision of Full Syllabus
	I.P	Revision of Full Syllabus
	Music	Revision of Full Syllabus
	Phy.Edu	Revision of Full Syllabus

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CECIL CONVENT SCHOOL
CLASS XI SCIENCE
ACADEMIC PROGRAMME

Month	Subjects	Syllabus to be Covered
Feb & March	English	Revision of Full Syllabus + Annual examination
	Physics	Revision of Full Syllabus + Annual examination
	Chemistry	Revision of Full Syllabus + Annual examination
	Biology	Revision of Full Syllabus + Annual examination
	Mathematics	Revision of Full Syllabus + Annual examination
	I.P	Revision of Full Syllabus + Annual examination
	Music	Revision of Full Syllabus + Annual examination
	Phy.Edu	Revision of Full Syllabus + Annual examination

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