

# LOYOLA HIGH SCHOOL, PATNA-800010

## SYLLABUS FOR CLASS-8 (2026-2027)

ENGLISH			
MONTH	LITERATURE	GRAMMAR	COMPOSITION
APRIL	1. Questions (Poem) 2. Attila	1. The Sentence 2. Nouns	Paragraph Writing
MAY	3. The Magic Ring	3. Pronouns 4. Adjectives	Formal Letter Writing (Letter of Request to the Principal)
JUNE	4. In the Bazars of Hyderabad (Poem)	6. Determiners	Formal Letter Writing (Leave application)
JULY	5. The Crazy Costume Drama	7. Simple and Continuous Tenses 8. Perfect and Perfect Continuous Tenses	Reading Comprehension (Discursive)
AUG	6. He Made a Dream Come True	12. Active and Passive Voice 13. Subject-Verb Agreement	Diary Entry
SEPT	REVISION	REVISION	REVISION
OCT	7. The Wind (Poem) 8. They Called Her Fats	9. Modals 10. Non-Finite Verbs	Reading Comprehension (Factual)
NOV	9. The Necklace	5. Adverbs 11. Transitive and Intransitive Verbs 14. Prepositions	Informal Letter Writing
DEC	12. Artificial Intelligence is Here to Stay 13. The Mouse and the Snake (Poem)	15. Conjunctions 21. Conditional Sentences	Story Writing
JAN	15. The Merchant of Venice	17. Direct and Indirect Speech	Dialogue Writing
FEB	REVISION	REVISION	REVISION

SCIENCE			
MONTHS	PHYSICS	CHEMISTRY	BIOLOGY
APRIL	Ch-11: Force and Pressure	Ch-4: Metals and Non-metals	Ch-1: Crop Management
MAY	Ch-11: Force and Pressure Ch-12: Friction	Ch-5: Coal and Petroleum	Ch-2: Microorganisms
JUNE	Ch-12: Friction	Ch-5: Coal and Petroleum	Ch-2: Microorganisms
JULY	Ch-13: Sound	Ch-6: Combustion and Flame	Ch-7: Conservation of Plants and Animals
AUG	Ch-13: Sound	Ch-6: Combustion and Flame	Ch-7: Conservation of Plants and Animals
SEPT	Revision	Revision	Revision
OCT	Ch-14: Some Natural Phenomena	Ch-3: Synthetic Fibers and Plastics	Ch-8: Cell and the Function
NOV	Ch-15: The Universe	Ch-16: Chemical Effects of Electric Current	Ch-9: Reproduction
DEC	Ch-17: Reflection of Light	Ch-18: Pollution of Air and Water	Ch-10: Reaching the Age of Adolescence
JAN	Revision	Revision	Revision
FEB	Revision	Revision	Revision

HINDI			
MONTH	पठ्यपुस्तक	व्याकरण	पाठ्यपुस्तक-व्याकरण
APRIL	पृष्ठ 1- पाठ्यपुस्तक पृष्ठ 2- व्याकरण	पृष्ठ 1- व्याकरण, पाठ्यपुस्तक पृष्ठ 2- व्याकरण पृष्ठ 6- पाठ्यपुस्तक (1 पृष्ठ 33)	पाठ्यपुस्तक-व्याकरण
MAY	पृष्ठ 3- पाठ्यपुस्तक	पृष्ठ 4- पाठ्यपुस्तक	पाठ्यपुस्तक-व्याकरण (पाठ्यपुस्तक, व्याकरण)

		पृष्ठ 7- पाठ्यपुस्तक (1 पृष्ठ 30) पृष्ठ 9- पाठ्यपुस्तक (1 पृष्ठ 38)	
JUNE	पृष्ठ 4- पाठ्यपुस्तक	पृष्ठ 11- पाठ्यपुस्तक पृष्ठ 12- पाठ्यपुस्तक	पाठ्यपुस्तक-व्याकरण
JULY	पृष्ठ 5- पाठ्यपुस्तक पृष्ठ 6- पाठ्यपुस्तक	पृष्ठ 14- पाठ्यपुस्तक पृष्ठ 15- पाठ्यपुस्तक पृष्ठ 17- पाठ्यपुस्तक	पाठ्यपुस्तक-व्याकरण
AUG	पृष्ठ 7- पाठ्यपुस्तक पृष्ठ 8- पाठ्यपुस्तक	पृष्ठ 16- पाठ्यपुस्तक पृष्ठ 18- पाठ्यपुस्तक पृष्ठ 19- पाठ्यपुस्तक पृष्ठ 29- पाठ्यपुस्तक (1 पृष्ठ 33)	पाठ्यपुस्तक-व्याकरण
SEPT	पृष्ठ 1 पृष्ठ 8 पाठ्यपुस्तक	पाठ्यपुस्तक पाठ्यपुस्तक पाठ्यपुस्तक	पाठ्यपुस्तक
OCT	पृष्ठ 9- पाठ्यपुस्तक पृष्ठ 10- पाठ्यपुस्तक	पृष्ठ 3- पाठ्यपुस्तक पृष्ठ 20- पाठ्यपुस्तक पृष्ठ 6- पाठ्यपुस्तक (34 पृष्ठ 65)	पाठ्यपुस्तक-व्याकरण
NOV	पृष्ठ 11- पाठ्यपुस्तक	पृष्ठ 21- पाठ्यपुस्तक पृष्ठ 23- पाठ्यपुस्तक	पाठ्यपुस्तक-व्याकरण (पाठ्यपुस्तक, व्याकरण)
DEC	पृष्ठ 12- पाठ्यपुस्तक पृष्ठ 13- पाठ्यपुस्तक	पृष्ठ 28- पाठ्यपुस्तक पृष्ठ 7- पाठ्यपुस्तक (31 पृष्ठ 60)	पाठ्यपुस्तक-व्याकरण
JAN	पृष्ठ 15- पाठ्यपुस्तक	पृष्ठ 9- पाठ्यपुस्तक (39 पृष्ठ 76) पृष्ठ 29- पाठ्यपुस्तक (34 पृष्ठ 65)	पाठ्यपुस्तक-व्याकरण
FEB	पृष्ठ 9 पृष्ठ 15 पाठ्यपुस्तक	पाठ्यपुस्तक पाठ्यपुस्तक पाठ्यपुस्तक	पाठ्यपुस्तक-व्याकरण

SOCIAL SCIENCE		
MONTH	History / Civics	Geography
APRIL		
MAY		
JUNE		
JULY		
AUG		
SEPT		
OCT		
NOV		
DEC		
JAN		
FEB		

SANSKRIT			
MONTH	पाठ्यपुस्तक	व्याकरण	
APRIL	प्रार्थना पाठ-1 ऋतुराजः ( वसंत) पाठ-2 सन्मित्रम्		धातु रूप - 'भू- भव्' ( होना) लट् लकार, लङ् लकार

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## SYLLABUS FOR CLASS-8 (2026-2027)

MAY	पाठ-3 परोपकारे एव जीवनस्य साफल्यम्	शब्द रूप - ' मुनि ' ( प्रथमा विभक्ति से चतुर्थी विभक्ति)	
JUNE	पाठ- 4 रक्षकः घातकात् श्रेष्ठः ( विभिन्नलकाराभ्यासः)		धातु रूप - 'भू- भव् ' ( होना) लृट् लकार, लोट् लकार
JULY	पाठ-5 एकतायाः शक्तिः पाठ-6सुपद्यानि	शब्द रूप - ' मुनि ' ( पञ्चमी विभक्ति से संबोधन )	
AUG	पाठ-7 तरुणाम् उपयोगिता		
SEPT	पुनरावृत्तिः	पुनरावृत्तिः	पुनरावृत्तिः
OCT	पाठ-8 धन्या ईश्वरस्य रचना		धातु रूप - अस् ( होना) लट् लकार, लङ् लकार
NOV	पाठ- 12 सुभाषितानि	शब्द रूप - ' साधु ' (संन्यासी) (प्रथमा विभक्ति से चतुर्थी विभक्ति)	
DEC	पाठ- 14 राष्ट्रमण्डलक्रीडाः ( कामनवैल्यगैम्स )		धातु रूप - अस् ( होना) लृट् लकार, लोट् लकार,
JAN	पाठ 15 मैट्रियानम्	शब्द रूप - ' साधु ' (संन्यासी) (पञ्चमी विभक्ति से संबोधन )	
FEB	पुनरावृत्तिः	पुनरावृत्तिः	

### MATHEMATICS

APRIL	Chapter 1: A Square and Square roots Chapter 2: Cube and Cube roots
MAY	Chapter 3: Exponents Chapter 4: A Story of Numbers
JUNE	Chapters: Quadrilaterals (Introduction)
JULY	Chapter 5: Quadrilaterals Chapter 6: Number Play
AUG	Chapter 7: Operations on Algebraic Expressions Chapter 8: Proportional Reasoning – 1 (Ratio and Proportions)
SEPT	Revision for Half Yearly Examination
OCT	Chapter 3: Proportional Reasoning – 2 Chapter 1: Fractions in Disguise
NOV	Chapter 2: The Baudhayana–Pythagoras Theorem
DEC	Chapter 4: Exploring Some Geometric Themes Chapter 5: Tales by Dots and Lines
JAN	Chapter 6: Algebra Play Chapter 7: Area
FEB	Revision for Annual Examination Annual Examination

### ARTIFICIAL INTELLIGENCE

APRIL	Ch-1. Introduction to Artificial Intelligence
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	<ul style="list-style-type: none"> <li>Intelligence • Human Intelligence &amp; Artificial Intelligence • AI -John McCarthy</li> <li>How Does AI Work? • Types of AI • Advantages of Artificial Intelligence</li> <li>Disadvantages of Artificial Intelligence • Automation</li> <li>Difference between AI and Automation • Domains of AI</li> </ul>
MAY	Introduction to HTML
JUNE	<ul style="list-style-type: none"> <li>Coding Quiz</li> <li>HTML-Based Project</li> </ul>
JULY	Ch-7. More on HTML5 <ul style="list-style-type: none"> <li>Creating Lists in HTML5 • List Properties • Nested Lists • Description List • Creating Tables in HTML5</li> <li>Table Properties • Linking in HTML5 • Inserting Images</li> <li>Frames in HTML5</li> </ul>
AUG	Ch-4. Future Possibilities <ul style="list-style-type: none"> <li>Everyday Uses of AI • Fuzzy Logic • Other Artificial Intelligence Applications</li> <li>Applications of Artificial Intelligence in Email • Skills Needed for Jobs in AI Field</li> <li>Leading Organisations Paving the Way in AI Employment • Careers Opportunities in AI</li> </ul>
SEPT	Revision and Half Yearly Exam
OCT	<ul style="list-style-type: none"> <li>Basics of Python •if-else conditional statement Ch-6. Looping Statements in Python</li> <li>The 'For' Loop • While Statement • Infinite Loop • Jump Statements</li> <li>Functions in Python</li> </ul>
NOV	Ch-2. AI Project Cycle <ul style="list-style-type: none"> <li>What is Sustainable Development? • Sustainable Development Goals (SDGs)</li> <li>Three pillars of SDG • System Thinking • What is a System Map? • How to Draw a System Map • What is an AI Project Cycle? • Problem Scoping • Data Acquisition • Model Building</li> </ul>
DEC	Ch-3. AI Ethics <ul style="list-style-type: none"> <li>What are AI Ethics? • Why AI Ethics are Important • Ethical Concerns in AI</li> <li>Implementation of AI Ethics • AI is Imperfect—What if it Makes a Mistake? • AI for Good</li> </ul>
JAN	Ch-8. Computer Networks <ul style="list-style-type: none"> <li>What is a Computer Network? • Advantages of Networking • Types of Networks</li> <li>Network Components • Network Architecture • Transmission Media • Network Topology</li> <li>Network Security • Cyber security</li> </ul>
FEB	Project • Revision • Annual Exam

### VALUE EDUCATION

MONTH	
APRIL	Ch – 1 : Is our God Real or a Myth? Exploring Faith , Belief & Daily Life
MAY	Ch – 2 : Subconscious Mind Training
JUNE	Ch – 3 : The Peaceful Postures- Part Three (Half)
JULY	Ch – 3 &4 : The Peaceful Posture & I am loved and Unstoppable: Building The Best Self Image in Me
AUG	Ch – 5 : Gender Disparity: Female Foeticide And Children with Special Needs

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## SYLLABUS FOR CLASS-8 (2026-2027)

SEPT	Revision For Half Yearly Exam Ch – 6 : Respecting Every Journey
OCT	Ch – 7 :Garden of God: Nature Worship Across Faiths
NOV	Ch – 8 :The Truth About Artificial Intelligence: Future Skills for a Smarter Worlds
DEC	Ch – 9 : Light that leads: Learning from Great Souls and Spiritual Heroes
JAN	Ch – 10 : Stop - Look -Proceed
FEB	Revision For Final Exam
<b>GENERAL KNOWLEDGE</b>	
<b>MONTH</b>	<b>SYLLABUS</b>
APRIL	Ch.1 Architectural marvels Ch.2 Source of inspiration Ch.3 Major sports awards in India quiz Ch.4 Indian space Ch 5 Ratan Tata: A visionary leader Ch.6 Indian dances Ch 7 Deserts Ch.8 Cyber crime and security
MAY	Ch.9 Health is wealth Ch.10 Understanding banking Ch.11 Golden words Ch.12 Animals in danger Ch.13 Energy conservation Ch.14 Igniting souls Ch.15 The most unpopular rulers
JUNE	Ch.16 The seat of power: parliaments of the world
JULY	Ch.17 Amazing animals Ch.18 Eight Jewels of solar system Ch.19 Seven wonders of the world Ch.20 Stars of Indian cinema Ch.21 India's 52 run win sparks a new age in women's cricket Ch.22 Amazing plants Ch.23 The green brigade
AUG	Ch.24 Geographical factopedia Ch.25 Nobel Laureates Ch.26 Turning disability to ability Ch.27 World record holders Ch.28 Holy places Ch.29 Satellite launch sites in India Ch.30 India at Paris Olympics 2024 Ch.31 Handicrafts – Fashion Jewellery Ch.32 Financial literacy cheque: an instrument of exchange
SEPT	Ch.33 Commonwealth games 2022 Ch.34 Indian defence Revision for half yearly exam Half yearly Exam: 2026-27 Ch.35 'Olatry' words and idioms Ch.36 Sparkling stars of Olympics Ch.37 Indian sportspersons
OCTOBER	Ch.38 Medical specialists

	Ch.39 Life skills: goal setting Ch.41 Know more about the armed forces Ch.42 Tragic accidents Ch.43 People in news Ch.44 Nature cure Ch.45 Business leaders of the world
<b>NOVEMBER</b>	Ch.46 Asian games 2023 Ch.47 Incredible India Ch.48 Women scientists Ch.49 Make your language more vibrant Ch.50 Indian handicrafts
<b>DECEMBER</b>	Ch.51 Innovations of the 21 <sup>st</sup> century Ch.52 Awards and Honours 2025 Ch.53 Brain teasers Ch.54 Tragic ends Ch.55 Retracing the space journey Ch.56 Heritage quiz Ch.57 The 'Archy' words Ch.58 Life skill: positive thinking Ch.59 Logical reasoning Ch.60 Aptitude test (reasoning) Ch.61 Art of living- The yoga way
<b>JANUARY</b>	Ch.62 Types of insurance policies
<b>FEBRUARY</b>	Revision For Final Exam Final Exam 2026-27