



# LOYOLA HIGH SCHOOL, PATNA-800010

## SYLLABUS FOR CLASS-6 (2026-2027)

दिसंबर	<b>14.</b> अपादान कारकम् – पंचमी विभक्ति: <b>15.</b> संबंध कारकम् – षष्ठी विभक्ति	-----	धातुरूप – खाद् [लट् लकारः]		Revision for Half Yearly Exam Half Yearly Exam CH 39. Adaptations for Terrestrial and Aquatic Habitat CH 40. Woman Power
जनवरी	<b>16.</b> अधिकरण कारकम् – सप्तमी विभक्ति: <b>18.</b> संख्यावाचि – शब्दाः	शब्दरूप – लता (पंचमी से संबोधन विभक्ति)	-----	Oct	CH 41. Water Bodies Around Us CH 42. First Aid CH 43. Amazing Flora CH 44. Cricket Mania CH 45. Amazing Animals CH 46. Digital World CH 47. Flightless Birds
फरवरी	पाठ 11 – <b>18</b> की पुनरावृत्ति	* शब्दरूप की पुनरावृत्ति	* धातुरूप की पुनरावृत्ति	Nov	CH 48. Bookworm CH 49. Professionals CH 50. Extra Terrestrial Zones CH 51. World Heritage Sites in India CH 52. Measuring the Human Body CH 53. Proverbs CH 54. Brain Teasers CH 55. Pseudonyms
				Dec	CH 56. Animal Myths CH 57. Collocations CH 58. Olympic Mascots CH 59. Green Earth CH 60. Vitamins and Minerals CH 61. Latest Innovations CH 62. Diseases CH 63. Great Indian Scientists
				Jan	CH 64. Art of Living: The Yoga Way CH 65. Endangered Species CH 66. Great Olympians CH 67. Logical Reasoning CH 68. Indian Space CH 69. Lawn Tennis CH 70. Indian Sports Personalities
				Feb	CH 71. Aptitude Test (Reasoning) Revision for Final Exam Final Exam

<b>GENERAL KNOWLEDGE</b>	
<b>MONTH</b>	<b>PAGE</b>
April.	CH 1. Exotic Fruits CH 2. Constitution of India CH 3. World Festivals CH 4. Natural Wonders of India CH 5. Indian National Awards CH 6. World's Superlatives CH 7. Green Days CH 8. Quiz on Indian Newspapers
May	CH 9. World Class Entertainers CH 10. Statue of Unity CH 11. Nobel Prize Winners – 2025 CH 12. Official Residences CH 13. Detect Adulteration CH 14. Citizens of Water
June	CH 15. Adventure Sports CH 16. Important Documents CH 17. Family of the Sun CH 18. Firsts in the World
July	CH 19. Amazing Birds CH 20. Living Legends CH 21. Freedom Fighters of India CH 22. Measurements CH 23. Space Odyssey CH 24. Expressing Idiomatically CH 25. Landmarks of the World CH 26. Famous Environmentalists CH 27. Medicinal Plants: Doctor at the Doorstep
Aug	CH 28. Facts About Legends of Sports CH 29. Who Said It? CH 30. Famous Rivers in the World CH 31. Traffic Signs CH 32. Mountains CH 33. Atal Tunnel – The World's Longest Highway Tunnel CH 34. Quiz – Current Affairs CH 35. India at Paris Olympics 2024
Sept	CH 36. Gaining Financial Literacy – Banking Basics CH 37. Handicrafts – Paper Mache CH 38. APJ Abdul Kalam

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## SYLLABUS FOR CLASS-6 (2026-2027)

<b>MATHEMATICS</b>	
MONTH	Chapters
APRIL	Chapter 1. Number System Chapter 3. Whole Numbers
MAY	Chapter 3. Whole Numbers ( continued) Chapter 9. Lines and Angles
JUNE	Chapter 9.Lines and Angles ( continued) Chapter 10. Constructions
JULY	Chapter 4. Prime Time Chapter 2. Mathematical Patterns
AUG	Chapter 2. Mathematical Patterns ( continued) <b>Chapter 5: Number Play</b>
SEPT	Chapter 11. Symmetry Revision for Half Yearly Exam Half Yearly Exam
OCT	Chapter 6: Integers
NOV	Chapter 7: Fractions
DEC	Chapter 8: Decimals
JAN	Chapter 8: Decimals ( continued) Chapter 12. Perimeter and Area
FEB	Chapter 12. Perimeter and Area ( continued) Chapter 13. Data Handling Revision for Annual Examination Annual Examination
<b>SCIENCE</b>	
MONTH	Chapters
APRIL	Ch – 1 : Sources Of Food Ch – 2 : Components Of Food
MAY	Ch – 3 : Separation Of Substances Ch – 4 : Fibre To Fabric
JUNE	Ch – 5 : Sorting Materials Into Groups
JULY	Ch – 6 : Changes Around Us Ch – 11 : Measurement And Motion
AUG	Ch – 12 : Light, Shadows And Reflection Ch – 13 : Electricity And Circuits
SEPT	Revision For Half Yearly Exam Ch – 7 : Living And Non – Living Things
OCT	Ch – 8 : Getting To Know Plnats Ch – 9 : The Body And Its Movements
NOV	Ch – 10 : Living Organisms And Their Sureoundings Ch – 14 : Magnet And Magnetism
DEC	Ch – 15 : Water Ch – 16 : Air Around Us
JAN	Ch – 17 : Waste Management
FEB	Revision For Final Exam
<b>ARTIFICIAL INTELLIGENCE</b>	
APRIL	<b>Ch-1:Introduction to Artificial Intelligence</b> • Intelligence •Human Intelligence•Human Intelligence and Artificial Intelligence • About Artificial Intelligence•Artificial Intelligence –John McCarthy • Features of AI • Need for Artificial Intelligence• Evolution of Artificial Intelligence•Advantages of Artificial Intelligence• Disadvantages of Artificial Intelligence•Automation• Difference between AI and Automation
MAY	<b>Ch7.Introduction to Excel</b> • Starting Microsoft Excel • Components of Excel Window• Data Types• Entering Data in a Worksheet• Creating a New Workbook• Auto Fill • Performing Calculations • Working with Worksheets• Saving a Workbook• Closing a Workbook • Opening an Existing Workbook

JUNE	• Excel-Based Project			
JULY	<b>Ch-8.Editing and Formatting a Worksheet</b> • Editing and Formatting a Worksheet• Selecting Cells• Editing Cell Contents • Deleting Cell Contents• Copying and Moving Data • Inserting Cells, Rows and Columns • Deleting Cells, Rows and Columns • Font Group • Alignment Group			
AUG	<b>Ch-2.Applications of AI</b> • Introduction• Agriculture• Retail• Education • Viewing Experience • Space Exploration • Music • Chatbot • Transportation • Entertainment • Google Maps Navigation • AI-Assisted Fitness App • AI in Art • AI-Assisted Creativity Tools • AI in Healthcare • Smart Home Devices • How Does AI Work?• Types of AI			
SEPT	<b>Revision and Half Yearly Exam</b>			
OCT	<b>Ch-3.AI &amp; Other Technologies –Domains of AI</b> • Domains of AI • Computer Vision • Human Vision vs.Computer Vision • Robots and AI			
NOV	<b>Ch-4.Introduction to Coding</b> • How do Railway Ticket Booking Systems Work?• What Exactly is Coding? • Programming Language • Comparison between Humans and Machines			
DEC	<b>Ch-6.Programming with Python</b> • Algorithm • Flowchart • Introduction to Programming • What is Python? • Uses of Python • Installing Python • Python IDLE • Using the print() Function • Variables in Python • Data Types • Using the input() Function • Escape Sequences			
JAN	<b>Ch-5.Introduction to MakeCode Arcade</b> • Introduction to Coding • Introduction to MakeCode • Starting Online MakeCode Arcade • Downloading and Installing MakeCode Arcade • Components of MakeCode Arcade Window • Using Basic Blocks to Create Simple Animations • Using Variables in MakeCode Arcade			
FEB	• Project • Revision• Final Exam			
<b>SOCIAL SCIENCE</b>				
MONTH	HISTORY	CIVICS	GEOGRAPHY	ECONOMIC
APRIL	Ch-4 Timeline and sources of history. Ch-8 Unity in Diversity, or 'Many in One'	Ch-9 Family and Community	Ch-1 Locating places on Earth	Ch-13 The Value of Work
MAY	Ch-8 Unity in Diversity, or 'Many in One'	Ch-9 Family and Community	Ch-1 Locating places on Earth	Ch-13 The Value of Work
JUNE	Ch-8 Unity in Diversity, or 'Many in One'	Ch-9 Family and Community	Ch-1 Locating places on Earth	Ch-13 The Value of Work
JULY	Ch-5 India, That Is Bharat	Ch-10 Grassroots Democracy ( Part-I)	Ch-2 Oceans and Continents	Ch-13 The Value of Work
AUG	Ch-5 India, That Is Bharat	Ch-10 Grassroots Democracy ( Part-I)	Ch-2 Oceans and Continents	Ch-13 The Value of Work
SEPT	Ch-5 India, That Is Bharat Revision ( half-yearly exams)	Ch-10 Grassroots Democracy -( Part-I) Revision ( half-yearly exams )	Ch-2 Oceans and Continents Revision ( half-yearly exams)	Ch-14 Economic Activities Around Us Revision ( half-yearly exams)
				Revision ( half-yearly exams)

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## **SYLLABUS FOR CLASS-6 (2026-2027)**

OCT	Ch-6 The Beginning of Indian Civilization	Ch-11 Grassroots democracy-(Part-II)	Ch-3 Landforms and Life	Ch-14 Economic Activities Around Us
NOV	Ch-7 India's Cultural Roots	Ch-11 Grassroots democracy-(Part-II)	Ch-3 Landforms and Life	Ch-14 Economic Activities Around Us
DEC	Ch-7 India's Cultural Roots	Ch-12 Grassroots democracy-(Part-III)	Ch-3 Landforms and Life	Ch-14 Economic Activities Around Us
JAN	Ch-7 India's Cultural Roots	Ch-12 Grassroots democracy-(Part-III)	Ch-3 Landforms and Life	Ch-14 Economic Activities Around Us
FEB	Revision ( for final exam	Revision ( for final exam	Revision ( for final exam	Revision ( for final exam)

### **VALUE EDUCATION**

<b>MONTH</b>	
APRIL	Ch - 1 : The God Within You
MAY	Ch - 2 : Noise, Silence And The Search For Inner Peace
JUNE	Ch - 3 : Feelings & Emotions Understanding The Heart's Language
JULY	Ch - 4 : Know And Feel Thyself : The Power Of Inner Awareness
AUG	Ch - 5 : "The Lost Childhoods" Understanding Begging And Protecting Every Human Life
SEPT	Revision For Half Yearly Exam Ch - 6 : "From Many Places One Neighborhood"-Welcoming All Families
OCT	Ch - 7 : A Journey Beyond Stars
NOV	Ch - 8 : Protect The Environment- Every Small Step Counts
DEC	Ch - 9 : Focus And Flow: Span For Study Matters
JAN	Ch - 10 : Dance: Moving To The Beat Of The World
FEB	Revision For Final Exam