

Atomic Energy Education Society, Mumbai

Split up of Syllabus 2024 – 2025

Subject: English Core

Class: XII

MONTH	Days	FLAMING O	VISTAS	WRITING SKILLS	REMARKS
April	23	The Last Lesson My mother at Sixty Six	The Third Level The Tiger King	Notices Invitations (formal and informal) Reading Comprehension	
May June	03 10	Lost Spring Keeping Quiet	Journey to the end of the Earth	Formal & Informal Replies to invitations Letters to Editors	
July	25	Deep water	The Enemy	Letters to Editors Applications for jobs Notices Invitations	Syllabus for PT-1 All lessons, poems and topics covered till July 2024.
August	25	The Rattrap Indigo A thing of beauty	On the face of it	Article Writing on contemporary issues Report Writing Invitations	
September	22	Revision for HY Poets and Pancakes A Roadside Stand	Revision for HY	Article Writing on current issues Report Writing Invitations: Letter Type	Syllabus for HY All lessons, poems and topics completed till 31 August 2024
October	10	Aunt Jennifer's Tigers	Memories of Childhood -1	Notices and Invitations	
November	24	The Interview Going Places	Memories of childhood - 2	Letter to Editor Article Writing Applications for jobs	
December	15	Revision and First Pre-Board Examination	Revision and First Pre-Board Examination	CBSE Questions: Previous Years' Questions from CBSE Sample Papers	Syllabus for First Pre-Board: Complete Syllabus

January	22	Revision ASL Project Work	Revision ASL Project Work	Important Questions from CBSE Sample Papers	Syllabus for Second Pre- Board: Complete Syllabus
February	23	ASL & Revision	ASL & Revision	ASL & Revision	
March					

Atomic Energy Education Society, Mumbai

Split up of Syllabus 2024 – 2025

Subject : Hindi (Subject Code : 302)

Class : XII

Sl. No	Month	No. of Working days	Chapters/Lessons/Units to be taught in that month	Remarks
10.	April	23	आरोह भाग-2 पद्य पाठ-1. आत्म-परिचय , दिन जल्दी-जल्दी ढलता है गद्य 10. भक्ति , अभिव्यक्ति और माध्यम पाठ-3, 4,	
11.	May	3	गद्य 10. भक्ति	
12.	June	10	पद्य 2.पतंग गद्य 11. बाजार दर्शन वितान भाग -2 1.सिल्वर वैडिंग	
13.	July	25	पद्य 3.कविता के बहाने, बात सीधी थी पर गद्य 12.काले मेघा पानी दे अभिव्यक्ति और माध्यम पाठ -5, कहानी का नाट्य रूपान्तरण अपठित गद्यांश/पद्यांश , अप्रत्याशित विषयों पर रचनात्मक लेखन ,	PT-1 Syllabus आरोह भाग-2 पद्य पाठ-1. आत्म-परिचय , दिन जल्दी-जल्दी ढलता है गद्य 10. भक्ति अभिव्यक्ति और माध्यम पाठ-3, 4, पद्य 2.पतंग गद्य 11. बाजार दर्शन वितान भाग -2 1.सिल्वर वैडिंग
14.	August	25	पद्य 4. कैमरे में बंद अपाहिज गद्य 13. पहलवान की ढोलक वितान 2. जूझ पत्रकारिता और जनसंचार माध्यमों के लिए लेखन	
15.	September	22	पद्य -5. उषा गद्य -14. शिरीष के फूल अर्धवार्षिक परीक्षा	PT-2 Syllabus पद्य 4. कैमरे में बंद अपाहिज गद्य 13. पहलवान की ढोलक वितान 2. जूझ पत्रकारिता और जनसंचार माध्यमों के लिए लेखन
16.	October	10	पद्य 6. बादल राग अभिव्यक्ति और माध्यम पाठ -11 , 12	Diwali Break (10 days)
17.	November	24	पद्य7.कवितावली, लक्ष्मण- मूर्च्छा और राम विलाप 8. रुबाइयां गद्य -15.श्रम विभाजन और जाति प्रथा वितान- 3. अतीत में दबे पाँव अभिव्यक्ति और माध्यम- रेडियो नाटक	
18.	December	15	पद्य- 9. छोटा मेरा खेत , बगुलों के पंख अभिव्यक्ति और माध्यम पाठ – 13 ,	Practice Test – 1 (Complete Syllabus) Winter Break (11days)
19.	January	22	पुनरावृत्ति	Practice Test – 2 (Complete Syllabus)
20.	February	23	Board Exam	
21.	March	-	Board Exam	

Split up of Syllabus 2024 – 2025

Subject: MATHEMATICS (041)

Class: XII

Sr. No.	Month	No. of working days	Unit/ Chapter/ Topics	Examination
1	April	23	15. Relations and Functions 16. Inverse Trigonometric Functions	
2	May	03	Continue.....Inverse Trigonometric Functions	
3	June	10	17. Matrices	
4	July	25	18. Determinants	PT – I (Syllabus- Lessons -1, 2, 3 & 4)
5	August	25	19. Continuity and Differentiability. 20. Application of Derivatives.	
6	September	25	21. Integrals 22. Application of Integrals	PT – II/Half Yearly (Lessons 1 to 7)
7	October	10	23. Differential Equations	Diwali Break (10 days)
8	November	24	24. Vector Algebra 25. Three Dimensional Geometry. 26. Linear Programming	
9	December	15	27. Probability	Winter Break (11 days) PRE-BOARD Exam.- I
10	January	22	Revision for PRE-BOARD Examination - 2024 Activity Test	PRE-BOARD Exam.- II
11	February	23	Revision for Annual Exam - 2024	
12	March	---		Annual Exam

Atomic Energy Education Society, Mumbai

Split up of Syllabus 2024 – 2025

Class XII**Subject: Physics**

Sr. No.	Month	No. of Teaching days	Chapter No.	Name of Chapter	Examination & portion for Exam
1	April & May	26	1 & 2	1. Electric Charge & Fields 2. Electric Potential & Capacitance (up to Electric Potential)	
2	June	10	2	Electric Potential & Capacitance	
3	July	25	3,4&5	3. Current Electricity 4. Moving Charge & magnetism 5. Magnetism & Matter	Unit Test-1 (Chapter 1 to 3)
4	August	25	6,7&8	6. Electromagnetic Induction 7. Alternating Current 8. Electromagnetic Waves	
5	September	22	9&10	9. Ray Optics 10. Wave Optics	Half Yearly Examination (Chapter 1 to 8)
6	October	10	11&12	11. Dual nature of radiation & Photo Electric Effect 12. Atoms	
7	November	24	13 & 14	13. Nuclei 14. Solids & Semiconductor Devices	
8	December	15		Revision & Confidence Examinations	Confidence Test- I (Whole Syllabus)

9	January	22		Revision & Confidence Examinations	Confidence Test- I (Whole Syllabus)
10	February	23		AISSC Board Examination 2024-25	
11	March			AISSC Board Examination 2024-25	

ATOMIC ENERGY EDUCATION SOCIETY, MUMBAI
Month-wise Split-up of Syllabus for 2024-25

Class: XII

Subject: CHEMISTRY (043)

Sr No	MONTH	No. of Teaching Days	UNIT/ CHAPTER/ LESSON NO.TAUGHT	NAME/ TITLE OF CHAPTER.	EXAMINATION AND PORTION FOR THE EXAM
1	APRIL & MAY	26	UNIT 2	SOLUTIONS	PT-1 (UNITS 2 AND 10)
2	JUNE	10	UNIT 10	HALOALKANES AND HALOARENES	
3	JULY	25	UNIT10 UNIT 11	HALOALKANES AND HALOARENES ,ALCOHOLS ,PHENOLS AND ETHERS	
4	AUGUST	25	UNIT 3 UNIT4	ELECTROCHEMISTRY ,CHEMICAL KINETICS	
5	SEPTEMBER	22	UNIT 4	CHEMICAL KINETICS ,	PT-2(UNITS 2,3,4,10,11)
6	OCTOBER	10	UNIT 12	ALDEHYDES ,KETONES AND CARBOXYLIC ACID	
7	NOVEMBER	24	UNIT 8 UNIT 9	D AND F BLOCK ELEMENTS .COORDINATION CHEMISTRY	
8	DECEMBER	15	UNIT 13, UNIT 14	AMINES , BIOMOLECULES	
9	January-2023 Feb-23 Mar-23	22		Revision and Confidence Tests	

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Split up of Syllabus 2024 – 2025

Subject: Computer Science (083)**Class: XII**

Sr. No.	Month	No. of working days	Chapter/Topics	
1	April	23	Unit 1: Computational Thinking and Programming – 2 Revision of Python topics covered in Class XI. Functions	
2	May	03	Functions (cont.)	
3	June	10	Exception Handling	
4	July	25	File Handling, Text file, Binary file	PT – I (Syllabus – Unit 1 up-to Text file handling)
5	August	25	Binary File CSV file Data Structure	
6	September	22	Unit 2: Computer Networks: Unit 3: Database Management Database concepts	PT – II (Syllabus – Binary, CSV file handling, Data Structure)
7	October	10	Unit 3: Database Management Structured Query	Diwali Break (10 days)
8	November	24	Interface of python with an SQL database Practical and Project preparation Revision	
9	December	15	Revision Practice Paper Solving Project Preparation	Practice Test – I (Complete Syllabus) Winter Break (11 days)
10	January	22	Revision Practice Paper Solving Practical Exam Preparation	Practice Test – II (Complete Syllabus)

11	February	23	Revision Practice Paper Solving Practical Exam Preparation	
12	March	---		Annual Exam

Atomic Energy Education Society, Mumbai

Split up of Syllabus 2024 – 2025

Class: XII

Subject: **Biology (044)**

MONTH	NO. OF WORKING DAYS	CHAPTERS TO BE TAUGHT	EXAMINATION AND PORTION FOR THE EXAM
April & May	23+3	Chapter-2: Sexual Reproduction in Flowering Plants Chapter-3: Human Reproduction Chapter-4: Reproductive Health	
June	10	Chapter-5: Principles of Inheritance and Variation	
July	25	Chapter-6: Molecular Basis of Inheritance Chapter-7: Evolution	UT-01 (UP TO THE CHAPTER-04)
August	25	Chapter-8: Human Health and Diseases Chapter-10: Microbes in Human Welfare	
September	22	Half Yearly	Half Yearly (UP TO THE CHAPTER-10)
		Chapter-11: Biotechnology - Principles and Processes Chapter-12: Biotechnology and its Applications	
October	10	Chapter-13: Organisms and Populations	
	Diwali break (10 days) Grp-A and Grp-B		
November	24	Chapter-14: Ecosystem Chapter-15: Biodiversity and its Conservation	
December	15		Revision and Confidence Tests (Full Syllabus)
		Winter Break (11 days) Grp-A and Grp-B	
January-2025			Revision and Confidence Tests (Full Syllabus)

Feb-2025	Board Examination
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Atomic Energy Education Society, Mumbai

Split up of Syllabus 2024 – 2025

Subject: Physical Education (048)**Class: XII**

Sr. No.	Month	No. of working days	Chapter/Topics	
1	April	23	Unit 1: MANAGEMENT OF SPORTING EVENT. Unit 2: CHILDREN AND WOMEN IN SPORTS.	
2	May	03	Unit 2: Continued	
3	June	10	Unit 3: YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE Revision of UT-1	
4	July	25	Unit 4: PHYSICAL EDUCATION AND SPORT FOR CHILDREN WITH SPECIAL NEEDS Unit 5: SPORTS AND NUTRITION	UT – I (Syllabus – Unit 1 to Unit 3)
5	August	25	Unit 6: TEST AND MEASUREMENT IN SPORTS Unit 7: PHYSIOLOGY AND INJURIES IN SPORTS Revision of UT-2	
6	September	22	Unit 8: BIOMECHANICS & SPORTS Unit 9: PSYCHOLOGY AND SPORTS	UT – II (Syllabus–Unit 4 to Unit 7)
7	October	10	Unit 10: TRAINING IN SPORTS	Diwali Break (10 days)
8	November	24	Unit 10:Continued Practical and Project Preparation Revision of Practice Test-1	
9	December	15	Practice Paper Solving Project Preparation	Practice Test – I (Complete Syllabus) Winter Break (11 days)
10	January	22	Revision of Practice Test-2 Practice Paper Solving Practical Exam Preparation	Practice Test – II (Syllabus – Complete Syllabus)
11	February	23	Practice Paper Solving Practical Exam Preparation	
12	March	---	----	Annual Exam