



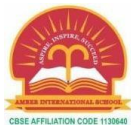
AMBER INTERNATIONAL SCHOOL, THANE (W)
ACADEMIC YEAR (2025-26)

YEARLY PLANNER

SUB : ENGLISH

GRADE : XI

ENGLISH				
MONTH	BOOK	UNIT	LESSON NO. & NAME	ACTIVITIES
JUNE	HORNBILL	PROSE	1. The Portrait of a Lady	Poster Making
		POEM	1. A Photograph	
	SNAPSHOT	PROSE	1. The Summer of the Beautiful White Horse	
		WRITING SKILL	1. Poster Writing	
JULY	HORNBILL	PROSE	2. "We're Not Afraid to Die... if We Can Be Together"	Extempore
		POEM	2. The Laburnum Top	
		WRITING SKILL	Speech Writing	
		GRAMMAR	1. Tenses	
AUGUST	HORNBILL	PROSE	3. Discovering Tut: The Saga Continues	ASL Term-1
	SNAPSHOT	PROSE	2. The Address	
		READING SKILL	Note Making	
		WRITING SKILL	3. Debate Writing	
SEPTEMBER	HORNBILL	POEM	3. The Voice of the Rain	Role Play
	SNAPSHOT	PROSE	3. Mother's Day	
OCTOBER	HORNBILL	PROSE	4. The Adventure	Designing Advertisement
		POEM	4. Childhood	
		WRITING SKILL	4. Classified Advertisement	
NOVEMBER	SNAPSHOT	PROSE	4. Birth	
		GRAMMAR	2. Clauses	Travelogue Writing
DECEMBER	HORNBILL		5. Silk Road	
JANUARY	HORNBILL	POEM	5. Father to Son	
	SNAPSHOT	POEM	5. The Tale of Melon City	
FEBRUARY			REVISION	ASL Term-2



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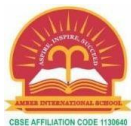
YEARLY PLANNER

SUB :PHYSICS

GRADE : XI

MONTH	CHAPTERS	PRACTICALS
JUNE	Chapter–2: Units and Measurements	Expt.1: To measure diameter of small spherical/cylindrical body using Vernier callipers Expt.2: To measure dimension of a given regular body of known mass using a Vernier calipers and hence find its density Expt.3: To measure the internal diameter and depth of a given beaker/calorimeter using Vernier calliper and hence find its volume.
JULY	Chapter–3: Motion in a Straight Line Chapter–4: Motion in a Plane	Activity 1: To make a paper scale of a given least count e.g., 0.2 cm, 0.5 cm. Expt.4: To measure diameter of the given wire using screw gauge. Expt.5: To measure thickness of the given sheet using screw gauge.
AUGUST	Chapter–5: Laws of Motion Chapter–6: Work, Energy and Power	Expt.6: To measure volume of an irregular lamina using screw gauge. Activity 2: To plot a graph of given set of data with proper choice of scale
SEPTEMBER	Chapter–7: System of Particles and Rotational Motion	Expt.7: To determine the radius of curvature of a given spherical surface by spherometer.
OCTOBER	Chapter–9: Mechanical Properties of Solids	Expt.8: Using a simple pendulum plot its $L-T^2$ graph and use it to find the effective length of second's pendulum. Activity.3: To study the dissipation of energy of simple pendulum by plotting a graph between square of amplitude and time.
NOVEMBAR	Chapter–10: Mechanical Properties of Fluids	Expt.9: To find the force constant of a helical spring by plotting a graph between load and extension.

DECEMBER	Chapter-11: Thermal Properties of Matter	Expt.10: To find the speed of sound in air at room temperature using a resonance tube by tube resonance positions.
JANUARY	Chapter-12: Thermodynamics Chapter-13: Kinetic Theory	
FEBRUARY	Chapter-14: Oscillations Chapter-15: Waves	



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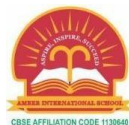
YEARLY PLANNER

SUBJECT : CHEMISTRY

GRADE : XI

Month	Book	Topics	Practical
JUNE	NCERT PART-I	Chapter 1: Some Basic Concepts of Chemistry Chapter 2: Structure of Atom	Expt 3: Experiments based on pH
JULY	NCERT PART-I	Chapter 2: Structure of Atom	Expt 2: Crystallization of impure sample of any one of the following: Alum, Copper Sulphate, Benzoic Acid.
AUGUST	NCERT PART-I PART-II	Chapter 3: Classification of Elements and Organic Chemistry Chapter 8: Some basic Principles and Techniques Periodicity in Properties	Expt 6: Determination of one anion and one cation in a given salt. Expt 5: Determination of strength of a given solution of Sodium hydroxide by titrating it against standard solution of Oxalic acid.
SEPTEMBER	NCERT PART-I	Chapter 8: Some basic Principles and Techniques Periodicity in Properties	Expt 6: Determination of one anion and one cation in a given salt Expt 3: Experiments based on pH
OCTOBER	NCERT PART-I	Chapter 4 : Chemical Bonding and Molecular Structure	Expt 6: Determination of one anion and one cation in a given salt Expt 3: Experiments based on pH

NOVEMBER	NCERT PART-I	Chapter 5 : Chemical Thermodynamics	Expt 6: Determination of one anion and one cation in a given salt
DECEMBER	NCERT PART-I	Chapter 6 : Equilibrium	Expt 6: Determination of one anion and one cation in a given salt
JANUARY	NCERT PART-II	Chapter 7: Redox Reactions	Expt 5: Determination of strength of a given solution of hydrochloric acid by titrating it against standard Sodium Carbonate solution
FEBRUARY	NCERT PART-II	Chapter 9 : Hydrocarbons	INVESTIGATORY PROJECTS



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YEARLY PLANNER

SUBJECT : BIOLOGY

GRADE : XI

MONTH	BOOK	LESSON NAME	ACTIVITIES
JUNE	NCERT	1.The Living World	EXPT : Study and describe locally available common flowering plants, from family Solanaceae
		2.Biological Classification	SPOTTING :Parts of a compound microscope
JULY	NCERT	3.Plant Kingdom	EXPT :Study of osmosis by potato osmometer
		8Cell: The Unit of Life	SPOTTING:Specimens/slides/models and identification with reasons - Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast,
AUGUST	NCERT	5.Morphology of Flowering Plants	EXPT : Study of plasmolysis in epidermal peels (e.g. Rhoec/lily leaves or flashy scale leaves of onion bulb)
		6.Anatomy of Flowering Plants	SPOTTING:Specimens/slides/models and identification with reasons - liverwort, moss, fern, pine, one monocotyledonous plant, one dicotyledonous plant and one lichen.
		11.Photosynthesis in Higher Plants	
SEPTEMBER	NCERT	12.Respiration in Plants	EXPT : Study of distribution of stomata on the upper and lower surfaces of leaves
		13.Plant-Growth and Development	SPOTTING : Virtual specimens/slides/models and identifying features of - Amoeba, Hydra, liver fluke, Ascaris, leech, earthworm, prawn, silkworm, honey bee, snail, starfish, shark,
OCTOBER	NCERT	7.Structural Organisation in Animals	EXPT : Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials
		4.Animal Kingdom	SPOTTING : Mitosis in onion root tip cells and animals cells (grasshopper) from permanent slides.
NOVEMBER	NCERT	14.Breathing and Exchange of Gases	EXPT : Test for presence of urea , sugar in urine.
		15.Body Fluids and Circulation	SPOTTING : Different types of inflorescence (cymose and racemose)
DECEMBER	NCERT	16.Excretory Products and their Elimination	EXPT : Test for presence of albumin in urine
		17.Locomotion and Movement	SPOTTING : Human skeleton and different types of joints with the help of virtual images/models only



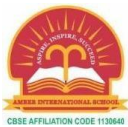
AMBER INTERNATIONAL SCHOOL, THANE (W)
ACADEMIC YEAR (2025-26)

YEARLY PLANNER

SUB : PHYSICAL EDUCATION

GRADE : XI

MONTH	BOOK	UNIT	LESSON NO. & NAME	ACTIVITIES
JUNE	FULLMARKS	Unit 1	CHANGING TRENDS & CAREER IN PHYSICAL EDUCATION	PROFICIENCY IN GAMES AND SPORTS
JULY	FULLMARKS	Unit 2	OLYMPISM	PROFICIENCY IN GAMES AND SPORTS
UNIT – I EXAM				
AUGUST	FULLMARKS	Unit 5	PHYSICAL FITNESS, HEALTH AND WELLNESS	YOGASANA
UNIT – II EXAM				
SEPTEMBER	FULLMARKS	Unit 6	TEST, MEASUREMENT AND EVALUATION	YOGASANA
TERM – I EXAM				
OCTOBER	FULLMARKS	Unit 10	TRAINING AND DOPING IN SPORTS	YOGASANA
NOVEMBER	FULLMARKS	Unit 3	YOGA	SAI KHELO INDIA TEST
DECEMBER	FULLMARKS	Unit 8	FUNDAMENTALS OF KINESIOLOGY AND BIOMECHANICS IN SPORTS	YOGASANA
		Unit 9	PSYCHOLOGY AND SPORTS	
UNIT – III EXAM				
JANUARY	FULLMARKS	Unit 4	PHYSICAL EDUCATION AND SPORTS FOR CWSN	YOGASANA
		unit 7	FUNDAMENTALS OF ANATOMY, PHYSIOLOGY IN SPORTS	
FEB & MARCH	TERM – II EXAM			



AMBER INTERNATIONAL SCHOOL, THANE (W)
ACADEMIC YEAR (2025-26)

YEARLY PLANNER

SUB : MATHS

GRADE : XI

Sr. No	MONTHS	PORTION	Related Activities
1.	JUNE	Chapter 1. Sets	<ol style="list-style-type: none"> 1. To find the number of subsets of a given set and verify that if a set has n number of elements, then the total number of subsets is 2^n. 2. To verify distributive law for three given non-empty sets A, B and C, that is, $A \cup (B \cap C) = (A \cup B) \cap (A \cup C)$
2.	JULY	Chapter 2. : Relations & Functions Chapter 3 Trigonometric Functions	<ol style="list-style-type: none"> 3. To distinguish between a Relation and a Function. 4. To find the values of sine and cosine functions in second, third and fourth quadrants using their given values in first quadrant.
3.	AUGUST	Chapter 4. Complex Numbers and Quadratic Equations Chapter 5. Linear Inequalities	<ol style="list-style-type: none"> 5. To prepare a model to illustrate the values of sine function and cosine function for different angles which are multiples of $\pi/2$ and π. 6. To interpret geometrically the meaning of $i = \sqrt{-1}$ and its integral powers.
4.	SEPTEMBER	P-T 1 Exam Revision And Exam (8-16) Revision week: (1-7) Chapter 6. Permutations and Combinations	<ol style="list-style-type: none"> 7. To verify that the graph of a given inequality, say $5x + 4y - 40 < 0$, of the form $ax + by + c < 0$, $a, b > 0$, $c < 0$ represents only one of the two half planes.
5.	OCTOBER	Chapter 7 Binomial Theorem Chapter 8 Sequence and Series	<ol style="list-style-type: none"> 8. To construct a Pascal's Triangle and to write binomial expansion for a given positive integral exponent. 9. An alternative approach to obtain formula for the sum of squares of first n natural numbers.

6 .	NOVEMBER	Revision week: (10-17) TERM 1 EXAMS (18-24) Chapter 9. Straight Lines Chapter 10. Conic Sections	10. To establish the formula for the sum of the cubes of the first n natural numbers. 11. To construct different types of conic sections. To construct different types of conic sections.
7 .	DECEMBER	Chapter 11 Introduction to Three-dimensional Geometry Chapter 12 Limits and Derivatives	12. To explain the concept of octants by three mutually perpendicular planes in space. 13. Verification of the geometrical significance of derivative.
8 .	JANUARY 2025	Chapter 13 Statistics Chapter 14 Probability	14. To write the sample space, when a die is rolled once, twice ----- - 15. To write the sample space, when a coin is tossed once, two times, three times, four times



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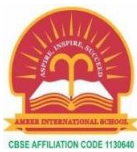
YEARLY PLANNER

SUBJECT : C.S.

GRADE : XI

Sr. No.	MONTH	LESSON NAME	ACTIVITIES
1.	JUNE	Chapter 1: Computer System Overview Chapter 2: Data Representation	-
2.	JULY	Chapter 3: Introduction to problem solving Chapter 4: Getting Started with Python	-
3.	AUGUST	Chapter 5: Introduction to Problem-solving Chapter 6: Python Fundamentals	<ol style="list-style-type: none">1. Input a welcome message and display it.2. Input two numbers and display the larger / smaller number.3. Input three numbers and display the largest / smallest number.
4.	SEPTEMBER	Chapter 7: Data Handling Chapter 8: Flow of Control	<ol style="list-style-type: none">4. Determine whether a number is a perfect number.5. Determine whether a number is a perfect number Armstrong number.
5.	OCTOBER	Chapter 8: Flow of Control (continuation) Revision	<ol style="list-style-type: none">6. Determine whether a number is a perfect number palindrome number.7. Input a number and check if the number is a prime or composite number.8. Display the terms of a Fibonacci series.9. Compute the greatest common divisor and least common multiple of two integers
6.	NOVEMBER	Chapter 9: String Manipulation Chapter 10: List Manipulation	<ol style="list-style-type: none">10. Count and display the number of vowels, consonants, uppercase, lowercase characters in string.11. Input a string and determine whether it is a palindrome or not; convert the case of characters in a string.12. Find the largest/smallest number in a list/tuple13. Input a list of numbers and swap elements at the even

			location with the elements at the odd location.
7.	DECEMBER	Chapter 11: Tuples Chapter 12: Dictionaries	14. Input a list/tuple of elements, search for a given element in the list/tuple. 15. Create a dictionary with the roll number, name and marks of n students in a class and display the names of students who have marks above 75.
8.	JANUARY	Chapter 13: introduction to Python Modules Chapter 14: Cyber Safety	-
9.	FEBRUARY	Chapter 15: Online Access and computer Security Chapter 16: Society, Law and Ethics Revision	-



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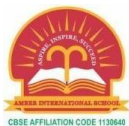
YEARLY PLANNER

SUB: INFORMATICS PRACTICES (IP)

GRADE : XI

Sr. No.	MONTH	LESSON	PRACTICALS
1.	JUNE	Chapter 1: Computer System Chapter 2: Getting Started With Python	-
2.	JULY	Chapter 3: Python Fundamentals Chapter 4: Data Handling	1. Input a welcome message and display it. 2. Input two numbers and display the larger / smaller number.
3.	AUGUST	Chapter 5: Flow of Control Chapter 6: List Manipulation	3. Input three numbers and display the largest / smallest number.
4.	SEPTEMBER	Chapter 7: Dictionaries Chapter 9: Database Concepts	4. Determine whether a number is a perfect number. 5. Determine whether a number is a perfect number Armstrong number.
5.	OCTOBER	Chapter 8-Introduction of Numpy	6. Determine whether a number is a perfect number palindrome number. 7. Input a number and check if the number is a prime or composite number. 8. Display the terms of a Fibonacci series. 9. Compute the greatest common divisor and least common multiple of two integers
6.	NOVEMBER	Chapter 10: Database Concepts (continue...) Chapter 12: Emerging Trends	10. Count and display the number of vowels, consonants, uppercase, lowercase characters in string. 11. Input a string and determine whether it is a palindrome or not; convert the case of characters in a string. 12. Find the largest/smallest number in a list/tuple 13. Input a list of numbers and swap elements at the even location with the elements at the odd location.
7.	DECEMBER	Chapter 11: SQL	14. Input a list/tuple of elements, search for a given element in the list/tuple. 15. Create a dictionary with the roll number, name and marks of n students in a class and display the names of students who have marks above 75.

8.	JANUARY	Chapter 11: SQL (continuation	Practical's on creation updation, deleting tables in SQL
9.	FEBRUARY	Revision	-
10.	MARCH	Term-2 Exam	



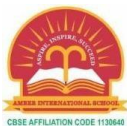
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YEARLY PLANNER

SUBJECT : MM

GRADE : XI

MONTH	Part	Unit No.	Lesson No.	Lesson Name	Activities
JUNE	A	1		Communication skills	Story telling
	A	2		Self Management Skills	SWOT Analysis
	B	1		Introduction to Mass Media	PPT
JULY				Unit Test -I	
	B	2	1	Understanding Cinema -I	Photography and Shot List
	B	2	2	Understanding Cinema -II	Story boarding
AUGUST				Unit Test -II	
	B	2	3	Understanding T.V	Details of Favourite TV Programme
	B	2	4	Print Media and its types	Content of a News paper
	B	2	5	Radio Genres in Radio Programming	Radio Talk
SEPTEMBER	B	2	6	Internet	Top websites and its details
	A	3		ICT skills	
				Term-I	
OCTOBER	B	3	1	Media Literacy	
	B	3	2	Analysis of films	Film Analysis (fiction)
	A	3	3	Analysis of T.V programmes	T.V Analysis (non - fiction)
NOVEMBER	B	3	4	Content Analysis of Newspaper and periodicals	Group presentation
	B	3	5	Content Analysis of radio Programmes	
	B	3	6	Features of Internet	
DECEMBER				Unit Test -III	
	B	4	1	Story as a Self Content World	Story writing
	B	4	2	Story as Subjective Experience	
	B	4	3	Content of a story	Poem Writing
JANUARY	B	4	4	Techniques of story telling	
	B	4	5	Genres of Stories	
	A	4		Entrepreneurship skills	
	A	5		Green Skills	
FEBRUARY				Revision	
MARCH				Term -II	



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YEARLY PLANNER

SUB : PSYCHOLOGY

GRADE : XI

Month	Chapter	Activities
June (Part 1)	Chapter 1: What is psychology? (PT-1&2) (TERM – 1) Project and Practical file (Mock Practicals)	Introduction to Practical
June (Part 2)	Chapter 2: Methods of Enquiry in Psychology (PT-1&2) (TERM -1) Project and Practical file (Mock Practicals)	
July	PT – 1: Exam and Revision Chapter 4: Human development (PT-2) (TERM – 1)	Psychological experiment 1
August	PT – 2: Exam and Revision Chapter 5: Sensory, Attentional and Perceptual Processes (TERM – 1)	Practical File
September	Term – 1: Exam and Revision Chapter 6: Learning (PT-3) (TERM – 2)	Psychological experiment 2
October	Chapter 7: Human memory (PT-3) (TERM – 2)	
November	Chapter 8: Thinking (PT-3) (TERM – 2)	Project File
December	PT – 3: Exam and Revision	
January	Chapter 9: Motivation and Emotion (TERM – 2)	
February/March	Term - 2: Exam and Revision	

CBSE LINK FOR GRADE 11 & 12

https://cbseacademic.nic.in/curriculum_2026.html