



GATEWAY INTERNATIONAL SCHOOL

Month wise Syllabus for Session (2025-2026)

Class- XI

Subject- English

Sr. No	Month	Topic	SEA	SYLLABUS Cyclic Test /Half Yearly/Yearly
1	April	Hornbill CH-1. The Portrait of a Lady Poem-1. The Photograph Snapshot CH-1. The Summer of the Beautiful White Horse Grammar - Integrated Exercises Writing - Introduction to Poster Making	Create posters for various topics provided in the class.	
2	May	Hornbill CH-2. We're Not Afraid to Die.. If We Can Be All Together Poem-2. The Laburnum Top Grammar - Integrated Exercises Writing - Speech Writing	Project File to be prepared in Summer HHW.	<u>IA-I Syllabus</u> Reading- Unseen Passage Hornbill CH-1. The Portrait not a Lady Poem-1. The Photograph Snapshot CH-1. The Summer of the Beautiful White Horse Grammar - Integrated Exercises Writing - Poster Making, Speech Writing.

3	July	<p>Hornbill CH-3. Discovering Tut: The Saga Continues Snapshot CH-2. The Address Grammar - Integrated Exercises Writing - Introduction to Advertisement</p>	Advertisement to be made in class on various topics provided.	
4	August	<p>Reading - Note Making Poem-3. The Voice of the Rain Snapshot Ch-3. Mother's Day Grammar - Integrated Exercises Writing - Debate</p>	Assessment of Speaking and Listening	<p><u>IA-II Syllabus</u> Reading- Unseen Passage Hornbill CH-2. WE're Not Afraid to Die.. If We Can Be All Together Poem-2. The Laburnum Top Snapshot CH-2. The Address Grammar - Integrated Exercises Writing - Poster Making, Advertisement Speech Writing.</p>
5	September	Revision	Assessment of Speaking and Listening	<p><u>Half Yearly Syllabus</u> Reading - Unseen Passage, Note Making Writing - Poster, Advertisement, Speech, Debate Grammar - Error, Omission, Sentence Reordering Literature - Hornbill CH-1. The Portrait of a Lady, CH- 2. We're Not Afraid to Die.. If We Can Be All Together, CH-3. Discovering Tut: The Saga Continues, Poem-1. A Photograph, Poem-2. The Laburnum Top, Poem-3. The Voice of the Rain Snapshot CH-1. The Summer of the Beautiful White Horse, CH-2. The Address, CH-3. Mother's Day</p>

6	October	Hornbill Ch-4. The Ailing Plant:the Green Movement's Role Snapshots Ch-4. Birth Advertisement, Debate Writing		
7	November	Hornbill CH-5. The Browning Version, Poem - Childhood Snapshot- The Tale of Melon City Letter Writing		<u>IA-III Syllabus</u> Reading - Unseen Passage, Note Making Writing - Speech, Debate, Poster, Advertisement Grammar - Integrated Exercises Literature - Hornbill CH-4. The Ailing Planet CH-5. The Browning Version, Poem - Childhood Snapshot-Birth
8	December	Hornbill CH-6. The Adventure, Poem - Father to Son Speech Writing, Poster Making		
9	January	Revision		

10	February	Revision	Assessment of Speaking and Listening	<p><u>Annual Examination Syllabus</u></p> <p>Reading - Unseen Passage, Note Making</p> <p>Writing - Poster, Advertisement, Speech, Debate</p> <p>Grammar - Error, Omission, Sentence Reordering</p> <p>Literature - Hornbill</p> <p>CH-1. The Portrait of a Lady, CH-2. We're Not Afraid to Die.. If We Can Be All Together, CH-3. Discovering Tut: The Saga Continues, CH-4. The Ailing Planet: the Green Movement's Role, CH-5. The Browning Version, CH-6. The Adventure</p> <p>Poem-1. A Photograph, Poem-2. The Laburnum Top, Poem-3. The Voice of the Rain, Poem-4. Childhood, Poem-5. Father to Son</p> <p>Snapshot</p> <p>CH-1. The Summer of the Beautiful White Horse, CH-2. The Address, CH-3. Mother's Day, CH-4. Birth, CH-5. The Tale of Melon City</p>
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Subject : Chemistry

S. No	Month	Unit/ Chapter/ Topic	Practical/Activity	Syllabus Internal Assessment / Half Yearly/ Annual
1.	April	Ch.1 Some Basic Concepts of Chemistry Ch.2 Structure of Atom	1. Preparation of some standard solution	<u>IA-I Syllabus</u> Ch-1,2
2.	May	Ch.3 Periodic classification and properties Ch.4 Bonding and Molecular Structure	1. By making 3 d model with the help of magnetic balls.	<u>IA-II Syllabus</u> Ch-3,4
3.	July	Ch.5 Thermodynamics(I) Ch.6. Equilibrium	1. Titration of HCl vs. Na ₂ CO ₃ . 2. Determination of pH of some liquid obtained from fruits.	
4.	August	Ch.7 Redox Ch.8 Organic chemistry: some basic Principles and Techniques.	1. Problem solving activity based on redox reaction, Balancing of equation in acidic and basic medium 1. Study the change in pH in titration by using universal indicator. 2. Salt analysis 3. Detection of N, S and Cl in organic compounds.	<u>Half Yearly Syllabus</u> Ch- 1,2,3,4,5
5.	September	Revision		
6.	October	Ch.9 Hydrocarbon	1. Determination of Melting point of given organic compounds 2. Determination of Boiling point of given liquid organic compounds	
7.	November	Revision		<u>IA-III Syllabus</u> Ch- 6,7,8
8.	December	Revision		

9.	January	Revision		
10.	February	Revision		<u>Annual</u> <u>Examination</u> <u>Syllabus</u> <i>Full Syllabus</i>

Subject- Computer Science

S.No	Month	Content	Activity/Practical	Assessment
1	April	Ch-1 Computer System Ch-2 Data Representation Ch-3 Boolean Logic		
2	May	Ch-4 Introduction to Problem Solving Ch-5 Getting Started with Python Ch-6 Python Fundamentals	Basic Python Programs	<u>IA-I Syllabus:</u> Ch-1 Computer System Ch-2 Data Representation Ch-3 Boolean Logic
3	June	-	Holiday Homework	-
4	July	Ch- 7 Data Handling Ch -8 Flow of Control	Programs for Loops and Conditions	
6	August	Ch-9 String Manipulation	Programs for Strings and List	<u>IA-II Syllabus:</u> Ch-6 Python Fundamentals Ch- 7 Data Handling Ch -8 Flow of Control
7	September	Ch-10 List Manipulation	Programs for Tuples	Half Yearly Syllabus Theory : Ch-1 Computer System Ch-2 Data Representation Ch-3 Boolean Logic Ch-4 Introduction to Problem Solving Ch-5 Getting Started with Python Ch-6 Python Fundamentals Ch- 7 Data Handling Ch -8 Flow of Control Ch-9 String Manipulation Practical – Ch-6 Python Fundamentals Ch- 7 Data Handling Ch -8 Flow of Control Ch-9 String Manipulation
8	October	Ch-11 Tuples Ch – 12 Dictionaries		
9	November	Ch-13 Cyber Safety & Online Access		<u>IA-III Syllabus:</u> Ch-10 List Manipulation Ch-11 Tuples Ch – 12 Dictionaries
10	December	Ch-14 Society, Law and Ethics Revision		
11	January	Revision		
12	February	Revision		Annual Examination Syllabus: Full Syllabus

Subject - Mathematics (core)

Sr. No	Month	Topic	Activity in Maths lab Records	IA /Half Yearly /Yearly
1	April	Ch1.Sets Ch2. Relations & Functions Ch3. Trigonometric Functions	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 distinguish between a Relation and a Function. 3. 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 ..	
2	May	Ch4. Complex Numbers	4.To interpret geometrically the meaning of $i = \sqrt{-1}$ and its integral powers	<u>IA-I Syllabus</u> Ch 1,2,3,4
3.	July	Ch5. Linear Inequalities Ch6 .Permutations and Combinations Ch7. Binomial Theorem		
4.	August	Ch8. Sequence and Series		<u>IA-II Syllabus</u> Ch 5,6,7,8
5.	September	Revision		<u>Half Yearly Syllabus</u> Ch1,2,3,4,5,6,7,8
6.	October	Ch 9. Straight Lines		
7.	November	Ch 10. Conic sections Ch 11. Introduction to 3- dimensional geometry	5. To construct an ellipse when two fixed points are given.	<u>IA-III Syllabus</u> Ch 9,10,11
8.	December	Ch 12. Limits & derivatives	6. To find analytically $\lim_{x \rightarrow c} f(x) = \frac{x^2 - c^2}{x - c}$	
9	January	Ch 13. Statistics		
		Ch 14. Probability		
10	February	Revision		<u>Annual Exam Syllabus</u>

Subject-Physics

S.No	Month	Topics/Chapters	Activities	Assessment
1	April	Ch-2: Units and Measurements Ch-3: Motion in a Straight Line	P1 -To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/ calorimeter using Vernier Callipers and hence find its volume. A1 -To make a paper scale of given least count, e.g., 0.2cm, 0.5 cm.	
2	May	Ch-4: Motion in a Plane Ch-5: Laws of Motion	P2 -To measure diameter of a given wire and thickness of a given sheet using screw gauge. A2 -To study the variation in range of a projectile with angle of projection.	<u>IA-I Syllabus</u> Ch-2,3
3	July	Ch-6: Work, Energy and Power	P3 -To determine volume of an irregular lamina using screw gauge. A3 -To measure the force of limiting friction for rolling of a roller on a horizontal plane.	
4	August	Ch-7: System of Particles and Rotational Motion Ch-8: Gravitation	P4 -To determine radius of curvature of a given spherical surface by a spherometer. P5 -To determine Young's modulus of elasticity of the material of a given wire.	<u>IA-II Syllabus</u> Ch-4,5,6
5	September	Revision	A4 -To note the change in level of liquid in a container on heating and interpret the observations.	<u>Half Yearly Syllabus</u> Ch-2,3,4,5,6,7

6	October	Ch-9: Properties of Matter Ch-10 Thermal Properties of Matter	P6 -To study the relationship between the temperature of a hot body and time by plotting a cooling curve. A5 -To observe the decrease in pressure with increase in velocity of a fluid.	
7	November	Ch-11: Thermodynamics Ch-12: Kinetic Theory	P7 -To study the relation between frequency and length of a given wire under constant tension using sonometer.	<u>IA-III Syllabus</u> Ch-8,9,10
8	December	Ch-13: Oscillations & Waves	P8 -To study the relation between the length of a given wire and tension for constant frequency using sonometer. A6 -To study the factors affecting the rate of loss of heat of a liquid.	
9	January	Revision and Practice for Practical Exam	Investigatory Project	
10	February	Revision (Annual Exams)		<u>Annual Examination Syllabus</u> Full Syllabus

Subject: Psychology

S.No	MONTH	UNITS/CHAPTERS	ACTIVITY	EXAM
1	April –May	Ch-1: What is Psychology? Ch-2: Methods of Enquiry in Psychology	1) Observation 2) Trial and error experiment 3) How to conduct a test	<u>IA- I Syllabus</u> Ch – 1,2
2	July-August	Ch-3: Human development	4) Old age adjustment test	<u>IA- II Syllabus</u> Ch – 3,4
3	September	Ch-4: Sensory, Attention and perceptual processes	5) Demonstrate sensory adaptation	<u>Half Yearly Syllabus</u> Ch-1,Ch-2,Ch-3,Ch-4
4	October	Ch-5: Learning	6) Token economy	
5	November	Ch-5: Learning Ch-6: Human Memory	7) Mnemonic devices	<u>IA- III Syllabus</u> Ch –5,6
6	December	Ch-7: Thinking	8) Creative thinking strategies	
7	January	Ch-8: Motivation and Emotion	9) Emotional Intelligence Quiz	
8	Feb	Unit/ Chapter number 1-8 and Full syllabus.		Annual Exam

Subject- Biology

Sr.No.	Month	Topics/Chapters	Activities	Subject Enrichment Activity	SYLLABUS Cyclic Test /Half Yearly/Yearly
1	April	Ch-17: Breathing and Exchange of Gases Ch-18: Body Fluids and Circulation	Calculating Rf Value through Paper Chromatography	Making use of Glucometer, Stethoscope and Sphygmomanometer	
2	May	Ch-19: Excretory Products and Their Elimination Ch-20: Locomotion and Movement	Potato osmometer		<u>IA-I Syllabus</u> Ch-17, 18, 19
3	July	Ch-21: Neural Control and Coordination Ch-22: Chemical Coordination and Integration Ch-8: Cell-The Unit of Life	Section Cutting, Performing Qualitative analysis of Proteins and Sugar	Perform various diagnostic tests on urine for albumin, sugar and other components.	
4	August	Ch-9: Biomolecules Ch-10: Cell Cycle and Cell Division Ch-2: Biological Classification	Studying Stomatal Index	Observing pond water under microscope understanding the microbial world and comparing useful and harmful Mos.	<u>IA-II Syllabus</u> Ch-20,8,21,22
5	September	Revision	Spotting, Studying Rate of respiration through germinating Seeds		<u>Half Yearly Syllabus</u> Ch-17,18, 19, 20, 21, 22, 8, 9,10

6	October	Ch-3: Plant Kingdom Ch-4: Animal Kingdom Ch-5: Morphology of Flowering Plant	Section Cutting & spotting,	Visit to HAAC Murthal, Sonipat understanding the process of mushroom spawning and other techniques involved in the process.	
7	November	Ch-6: Anatomy of Flowering Plants Ch-7: Structural Organization in Animals Ch-14: Respiration in Plants	Investigatory Project		<u>IA-III Syllabus</u> Ch-2,3,4,5
8	December	Ch-13: Photosynthesis in Higher Plants			
9	January	Revision (Annual Exams)			
10.	February	Practical (Revision and Mock)			<u>Annual Examination Syllabus</u> Full Syllabus

