

# STEPHENS

## International Public School

Affiliated to CBSE New Delhi - 730042  
*An English Medium Sr. Secondary School (10+2)*  
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**Syllabus : Class – 12<sup>th</sup>**

**For Session – 2023-2024**

**Subject - English**

S.No	Name of Lesson/Topic	For Month
1.	<b><u>Pre Mid – Term Syllabus</u></b> <b><u>Flamingo</u></b> <b><u>Prose</u></b> Ch-1 The Last Lesson Ch-2 Lost Spring <b><u>Poetry</u></b> Ch-1 My Mother At Sixty-Six <b><u>Vistas</u></b> Ch-1 The Third Level Ch-2 The Tiger King <b><u>Writing Skills</u></b> Letter : Application for a job with bio-data Notice	April to May
2.	<b><u>Mid – Term Syllabus</u></b> <b><u>Flamingo</u></b> <b><u>Prose</u></b> Ch-3 Deep Water Ch-4 The Rattrap Ch-5 Indigo <b><u>Poetry</u></b> Ch-3 Keeping Quiet Ch-4 A Thing of Beauty <b><u>Vistas</u></b> Ch-3 Journey To The End Of The Earth Ch-4 The Enemy <b><u>Writing Skills</u></b> Article Letter To The Editor (Suggestion / Opinion) <b>Revision of Pre Mid-Term and Mid Term Syllabus</b>	July to Sept
3.	<b><u>Pre-Board / Final Term Syllabus</u></b> <b>Reading Comprehension:</b> Unseen passages (factual, descriptive or literary/ discursive or persuasive) <b>Writing Skills</b> <ul style="list-style-type: none"> <li>• Formal &amp; Informal Invitation and Reply</li> <li>• Report Writing</li> </ul> <b>Literature :</b> <b>Book-Flamingo (Prose)</b> Ch-6 Poets and Pancakes Ch-7 The Interview – Part-I & II	Oct to Dec

	Ch-8 Going Places <b>Book-Flamingo (Poetry)</b> Ch-5 A Roadside Stand Ch-6 Aunt Jennifer's Tigers <b>Book-Vistas (Prose)</b> Ch-6 On the Face of It Ch-8 Memories of Childhood <ul style="list-style-type: none"> <li>● The Cutting of My Long Hair</li> <li>● We Too Are Human Beings</li> </ul>	
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## **Subject –Physics**

S.No	Name Of Lesson/Topic	For Month
1.	<b>Pre Mid – Term Syllabus</b> <b>Unit-1 Electrostatics</b> Ch-1. Electric Charges and Fields Ch-2. Electrostatic Potential and Capacitance <b>Unit-2 Current Electricity</b> Ch-3 Current Electricity	April & May
2	<b>Mid – Term Syllabus</b> <b>Unit-3 Magnetic Effects Of Current And Magnetism</b> Ch-4 Moving Charges and Magnetism Ch-5 Magnetism and Matter <b>Unit-4 Electromagnetic Induction And Alternating Current</b> Ch-6 Electromagnetic Induction Ch-7 Alternating Current <b>Revision of Pre Mid-Term and Mid Term Syllabus</b>	July to Sept
3.	<b>Pre-Board / Final Term Syllabus</b> <b>Unit-5 Electromagnetic Waves</b> Ch-8 Electromagnetic Waves <b>Unit-6 Optics</b> Ch- 9 Ray Optics and Optical Instruments Ch-10 Wave Optics <b>Unit-7 Dual Nature of Radiation and Matter</b> Ch-11 Dual Nature of Radiation and Matter <b>Unit-8 Atoms and Nuclei</b> Ch-12 Atoms Ch-13 Nuclei <b>Unit-9 Electronic Devices</b> Ch-14 Semiconductor -Electronics: Materials, Devices and Simple Circuits	Oct to Dec

**Subject – Chemistry**

S. No.	Name Of Lesson/Topic	For Month
1.	<b>Pre Mid – Term Syllabus</b> Ch-1 Solutions Ch-2 Electrochemistry	April & May
2.	<b>Mid – Term Syllabus</b> Ch-3 Chemical Kinetics Ch-4 d-and f-Block Elements Ch-5 Coordination Compounds Ch-6 Haloalkanes And Haloarenes <b>Revision of Pre Mid-Term and Mid Term Syllabus</b>	July to Sept
3.	<b>Pre-Board / Final Term Syllabus</b> Ch-7 Alcohol, Phenol & Ether Ch-8 Aldehydes, Ketones and Carboxylic acids Ch-9 Amines Ch-10 Biomolecules	Oct to Dec

**Subject – Maths**

S.No	Name Of Lesson/Topic	For Month
1.	<b><u>Pre-Mid Term Syllabus</u></b> Ch-1 Relations and Functions Ch-2 Inverse Trigonometric Functions Ch-3 Matrices Ch-4 Determinants	April & May
2.	<b><u>Mid Term Syllabus</u></b> Ch-5 Continuity and Differentiability Ch-6 Applications Derivatives Ch-7 Integrals <b>Revision of Pre Mid-Term and Mid Term Syllabus</b>	July to Sept
3.	<b><u>Pre-Board / Final Term</u></b> Ch-8 Application of integrals Ch-9 Differential equations Ch-10 Vectors Ch-11 Three-Dimensional Geometry Ch-12 Linear Programming Ch-13 Probability	Oct to Dec

**Subject –Biology**

S.No	Name Of Lesson/Topic	For Month
1.	<b><u>Pre-Mid Term Syllabus</u></b> <b>Unit-VI Reproduction</b> Ch-2: Sexual Reproduction In Flowering Plants Ch-3: Human Reproduction Ch-4: Reproductive Health	April & May
2.	<b><u>Mid Term Syllabus</u></b> <b>Unit-VII Genetics and Evolution</b> Ch-5: Principles Of Inheritance And Variations Ch-6: Molecular Basis Of Inheritance <b>Revision of Pre Mid-Term and Mid Term Syllabus</b>	July to Sept
3.	<b><u>Pre-Board / Final Term Syllabus</u></b> Ch-7: Evolution <b>Unit-VIII Biology and Human Welfare</b> Ch-8: Human Health And Diseases Ch-10: Microbes In Human Welfare <b>Unit-IX Biotechnology and its Applications</b> Ch-11 Biotechnology, Principles And Processes Ch-12: Biotechnology And Its Applications <b>Unit-X Ecology and Environment</b> Ch-13: Organisms and Population Ch-14: Ecosystem Ch-15: Biodiversity and its Conservation	Oct to Dec

## **Accountancy**

<b>S.No</b>	<b>Name Of Lesson/Topic</b>	<b>For Month</b>
1.	<b>Pre Mid – Term Syllabus</b> Unit–2 Accounting for Partnership Firms – Fundamentals (a) Goodwill : Nature and Valuation (b) Change in Profit Sharing Ratio among the Existing Partners	April & May
2.	<b>Mid – Term Syllabus</b> Unit–2 Accounting for Partnership Firms (c) Admission of a Partner (d) Retirement of a Partner (e) Death of a Partner (f) Dissolution of Partnership Firms <b>Revision of Pre Mid-Term and Mid Term Syllabus</b>	July to Sept
3.	<b>Pre-Board / Final Term Syllabus</b> 1. Accounting for Share Capital 2. Financial Statements of a Company 3. Accounting Ratios <b>Part A</b> <b>UNIT- Accounting for partnership firms:</b> Retirement And Death Of A Partner Dissolution Of Partnership Firms <b>UNIT - Accounting for Companies</b> Accounting For Debentures <b>PART B</b> Financial Statements Of A Company Comparative And Common Size Statements <b>UNIT- Cash Flow Statement</b> <b>OR</b> <b>COMPUTERISED ACCOUNTING</b> 1. Using Computerised Accounting System 2. Database Management System	Oct to Dec

## **Subject – Business Studies**

S.No	Name Of Lesson/Topic	For Month
1.	<b><u>Pre Mid – Term Syllabus</u></b> <b>Part – A Principles and Functions of Management</b> Unit -1 Nature and Significance of Management Unit -2 Principles of Management Unit -3 Business Environment	April & May
2.	<b><u>Mid – Term Syllabus</u></b> <b>Part – A Principles and Functions of Management</b> Unit-4 Planning Unit 5 Organising Unit 6 Staffing Unit 7 Directing Unit 8 Controlling Cycle Test:- <b>Revision of Pre Mid-Term and Mid Term Syllabus</b>	July to Sept
3.	<b><u>Pre-Board / Final Term Syllabus</u></b> <b>Part – B Business Finance and Marketing</b> Unit 9 Financial Management Unit 10 Financial Markets Unit 11 Marketing Management Unit 12 Consumer Protection	Oct to Dec



## **Subject - Economics**

<b>S. No.</b>	<b>Name of Lesson / Topic</b>	<b>For Month</b>
1.	<b><u>Pre Mid-Term Syllabus</u></b> Ch – 1 Indian economy on the eve of independence Ch – 2 Economic system and common goals of five year plans Ch – 3 Indian Economy (1950-1990) – Features, Problems and Policy of Agriculture Ch – 4 Economics reforms since 1991: New Economic Policy and concept of demonetization and GST Ch – 5 Human capital formation in India	April & May
2.	<b><u>Mid-Term Syllabus</u></b> Ch – 6 Rural Development Ch – 7 Employment Ch – 8 Environment and Sustainable Development Ch – 9 Comparative Development Experiences of India and its Neighbours <b>• Pre-mid Term Syllabus also included</b>	July to Sept
3.	<b><u>Pre-Board / Final Term Syllabus_</u></b> <b><u>Course Book:-</u></b> Ch – 1 Introduction Ch – 2 Some Basic concepts of Macroeconomics Ch – 3 National Income and Related Aggregates Ch – 4 Methods of Calculating National Income Ch – 5 Money Ch – 6 Banking Ch – 7 Aggregate Demand, Aggregate Supply and Related Concepts Ch – 8 Short run – Equilibrium Output Ch – 9 Problem of Deficient Demand and Excess Demand Ch – 10 Govt. Budget and the Economy Ch – 11 Foreign Exchange Rate Ch – 12 Balance of Payment	Oct to Dec

### **Subject –History**

<b>S.No</b>	<b>Name Of Lesson/Topic</b>	<b>For Month</b>
1.	<b>Pre-Mid term Syllabys</b> <b>Part-1</b> Unit-1 Bricks, Beads And Bones Unit-2 Kings, Farmers And Towns Unit-3 Kinship, Caste And Class	April & May
2.	<b>Mid-Term Syllabus</b> <b>Part-1</b> Unit-4 Thinker, Beliefs And Buildings <b>Part-2</b> Unit-5 Through The Eyes Of Travellers Unit-6 Bhakti-Sufi Traditions Unit-7 And Imperial Capital: Vijayanagara Unit-8 Peasants, Zamindars And The State <b>Revision of Pre-Mid term Syllabus</b>	July to Sept
3.	<b>Pre-Board / Final Term Syllabus</b> <b>Part – 3</b> Unit- 9 Colonialism and The countryside Unit-10 Rebels and the Raj Unit-11 Mahatma Gandhi and the Nationalist Movement Unit-12 Framing the Constitution <b>MAP- WORK</b> <b>According to chapters</b>	Oct to Dec

## **Subject – Political Science**

S.No	Name Of Lesson/Topic	For Month
1.	<b><u>Pre Mid – Term Syllabus</u></b> <b><u>Part A: Contemporary World Politics</u></b> L-1 The End Of Bipolarity L-2 Contemporary Centers Of Power L-3 Contemporary South Asia L-4 International Organisations <b>Revision Of Pre Mid-Term Syllabus</b>	April & May
2.	<b><u>Mid – Term Syllabus</u></b> <b><u>Part B: Politics In India Since Independence</u></b> L-1 Challenges Of Nation-Building L-2 Era of One-Party Dominance L-3 Politics of Planned Development L-4 India's External Relations <b>Revision Of Pre Mid and Mid-Term Syllabus</b>	July to Sept
3.	<b><u>Pre-Board / Final Term Syllabus</u></b> <b><u>Part A: Contemporary World Politics</u></b> L-5 Security in the Contemporary World L-6 Environment and Natural Resources L-7 Globalization <b><u>Part B. Politics in India since Independence</u></b> L-5 Challenges to and Restoration of Congress System L-6 The Crisis of Democratic Order L-7 Regional Aspirations L-8 Recent Developments in Indian Politics	Oct to Dec

### **Subject – Computer**

S.No	Name Of Lesson/Topic	For Month
1.	<b><u>Pre Mid – Term Syllabus</u></b> <b>Unit -1</b> Computational Thinking & Programming-2 (Chapter: Review Python 1, Review Python II & Functions)	April & May
2.	<b><u>Mid – Term Syllabus</u></b> <b>Unit -1</b> Computational Thinking & Programming-2 (Chapter: File Handling, Data Structure) <b>Revision Of Pre Mid And Mid-Term Syllabus</b>	July to Sept
3.	<b><u>Pre-Board / Final Term Syllabus</u></b> <b>Unit – 2</b> Computer Network (Chapter: Computer Network- I, Computer Network- II) <b>Unit – 3</b> Data Base Management	Oct to Dec

### **Subject –Physical Education**

S.No	Name Of Lesson/Topic	For Month
1.	<b><u>Pre-Mid Term Syllabus</u></b> <b><u>Unit I Management of Sporting Events</u></b> 1. Functions of Sports Events Management (Planning, Organising, Staffing, Directing & Controlling) 2. Various Committees & their Responsibilities (pre; during & post) 3. Fixtures and their Procedures – Knock-Out (Bye & Seeding) & League (Staircase, Cyclic, Tabular method) and Combination tournaments. 4. Intramural & Extramural tournaments – Meaning, Objectives & Its Significance 5. Community sports program (Sports Day, Health Run, Run for Fun, Run for Specific Cause & Run for Unity)  <b><u>Unit II Children &amp; Women in Sports</u></b> 1. Exercise guidelines of WHO for different age groups. 2. Common postural deformities-knock knees, flat foot, round shoulders, Lordosis, Kyphosis,	April & May

	<p>Scoliosis, and bow legs and their respective corrective measures.</p> <p>3. Women's participation in Sports – Physical, Psychological, and social benefits.</p> <p>4. Special consideration (menarche and menstrual dysfunction)</p> <p>5. Female athlete triad (osteoporosis, amenorrhea, eating disorders).</p>	
2.	<p><b>Mid-Term Syllabus</b></p> <p><b><u>Unit III Yoga as Preventive measure for Lifestyle Disease</u></b></p> <p>1. Obesity: Procedure, Benefits &amp; Contraindications for Tadasana, Katichakrasana, Pavanmuktasana, Matsayasana, Halasana, Pachimottansana, Ardha – Matsyendrasana, Dhanurasana, Ushtrasana, Suryabedhan pranayama.</p> <p>2. Diabetes: Procedure, Benefits &amp; Contraindications for Katichakrasana, Pavanmuktasana, Bhujangasana, Shalabhasana, Dhanurasana, Suptavajarasana, Paschimottanasana -a, Ardha -Mastendrasana, Mandukasana, Gomukasana, Yogmudra, Ushtrasana, Kapalabhati.</p> <p>3. Asthma: Procedure, Benefits &amp; Contraindications for Tadasana, Urdhwahastottansana, UttanMandukasan -a, Bhujangasana, Dhanurasana, Ushtrasana, Vakrasana, Kapalabhati, Gomukhasana Matsyaasana, Anuloma - Viloma.</p> <p>4. Hypertension: Procedure, Benefits &amp; Contraindications for Tadasana, Katichakrasana, Uttanpadasana, Ardha Halasana, Sarala Matyasana, Gomukhasana, UttanMandukasan -a, Vakrasana, Bhujangasana, Makarasana, Shavasana, Nadishodhanapranayam, Sitlipranayam.</p> <p>5. Back Pain and Arthritis: Procedure, Benefits &amp; Contraindications of Tadasana, Urdhwahastootansana, Ardh-Chakrasana, Ushtrasana, Vakrasana, Sarala Matsyendrasana, Bhujangasana, Gomukhasana, Bhadrasana, Makarasana, NadiShodhana pranayama.</p> <p><b><u>Unit IV Physical Education &amp; Sports for CWSN (Children with Special Needs - Divyang)</u></b></p> <p>1. Organizations promoting Disability Sports (Special Olympics; Paralympics; Deaflympics)</p>	<p>July to Sept</p>

	<p>2. Concept of Classification and Divisioning in Sports.  3. Concept of Inclusion in sports, its need, and Implementation;  4. Advantages of Physical Activities for children with special needs.  5. Strategies to make Physical Activities assessable for children with special needs.</p> <p><b><u>Unit V Sports &amp; Nutrition</u></b>  1. Concept of balanced diet and nutrition  2. Macro and Micro Nutrients: Food sources &amp; functions  3. Nutritive &amp; Non-Nutritive Components of Diet  4. Eating for Weight control – A Healthy Weight, The Pitfalls of Dieting, Food Intolerance, and Food Myths  5. Importance of Diet in Sports-Pre, During and Post competition Requirements  <b>Revision of Pre Mid-Term Syllabus</b></p>	
3.	<p><b><u>Pre-Board / Final Term Syllabus</u></b>  <b><u>Unit VI Test &amp; Measurement in Sports</u></b>  1. Fitness Test – SAI Khelo India Fitness Test in school: Age group 5-8 years/ class 1-3: BMI, Flamingo Balance Test, Plate Tapping Test Age group 9-18yrs/ class 4-12: BMI, 50mt Speed test, 600mt Run/Walk, Sit &amp; Reach flexibility test, Strength Test (Partial Abdominal Curl Up, PushUps for boys, Modified Push-Ups for girls).  2. Measurement of CardioVascular Fitness – Harvard Step Test – Duration of the Exercise in Seconds x100/5.5 X Pulse count of 1-1.5 Min after Exercise.  3. Computing Basal Metabolic Rate (BMR)  4. Rikli &amp; Jones – Senior Citizen Fitness Test  • Chair Stand Test for lower body strength  • Arm Curl Test for upper body strength  • Chair Sit &amp; Reach Test for lower body flexibility  • Back Scratch Test for upper body flexibility  • Eight Foot Up &amp; Go Test for agility  • Six-Minute Walk Test for Aerobic Endurance  5. Johnsen – Methney Test of Motor Educability (Front Roll, Roll, Jumping Half-Turn, Jumping fullturn</p>	Oct to Dec

**Unit VII Physiology & Injuries in Sports**

1. Physiological factors determining components of physical fitness
2. Effect of exercise on the Muscular System
3. Effect of exercise on the Cardio-Respiratory System
4. Physiological changes due to aging
5. Sports injuries: Classification (Soft Tissue Injuries -Abrasion, Contusion, Laceration, Incision, Sprain & Strain; Bone & Joint Injuries - Dislocation, Fractures - Green Stick, Comminuted, Transverse Oblique & Impacted)

**Unit VIII Biomechanics & Sports**

1. Newton's Law of Motion & its application in sports
2. Types of Levers and their application in Sports.
3. Equilibrium – Dynamic & Static and Centre of Gravity and its application in sports
4. Friction & Sports
5. Projectile in Sports

**Unit IX Psychology & Sports**

1. Personality; its definition & types (Jung Classification & Big Five Theory)
2. Motivation, its type & techniques.
3. Exercise Adherence: Reasons, Benefits & Strategies for Enhancing it
4. Meaning, Concept & Types of Aggressions in Sports
5. Psychological Attributes in Sports – Self-Esteem, Mental Imagery, SelfTalk, Goal Setting

**Unit X Training in Sports**

1. Concept of Talent Identification and Talent Development in Sports
2. Introduction to Sports Training Cycle – Micro, Meso, Macro Cycle.
3. Types & Methods to Develop – Strength, Endurance, and Speed.
4. Types & Methods to Develop – Flexibility and Coordinative Ability.
5. Circuit Training - Introduction & its importance

**Subject – Applied Arts**

<b>S.No</b>	<b>Name Of Lesson/Topic</b>	<b>For Month</b>
1.	<b>Pre-Mid Term Syllabus</b> <b>Unit 1</b> Six limbs of Indian Painting and Fundamental of Visual Arts (Elements & Principles) (a) The Rajasthani School Of Miniature Painting (b) The Pahari School Of Miniature Painting	April & May
2.	<b>Mid Term Syllabus</b> <b>Unit –2</b> The Mughal & Deccan School Of Miniature Painting <b>Revision of Pre-Mid Term &amp; Mid Term Syllabus</b>	July to Sept
3.	<b>Pre board / Final Term Syllabus</b> <b>Unit – 3</b> Bengal School of Painting & Modern Trends in Indian Art <b>Revision of Full Syllabus</b>	Oct to Dec



## **Subject – Hindustani Music Vocal**

S.No	Name Of Lesson/Topic	For Month
1.	<b><u>Pre-Mid Term Syllabus</u></b> 1. Definitions – Alankar, Meend, Gamak, Alap, Tana, Kan, Khatka, Murki 2. Detailed study of Sangeet Ratnakar 3. Life sketch and contribution of Faiyaz Khan 4. Detailed study of Raag Bhairav 5. Detailed study of Rupak Taal	April & May
2.	<b><u>Mid-Term Syllabus</u></b> 1. Definitions – Gram, Murchhana 2. Time theory of Raagas 3. Life sketch of Bade Gulam Ali Khan, Krishna Rao and Shankar Pandit 4. Detailed study of Sangeet Parijat 5. Structure and tuning of Tanpura 6. Detailed study of Raag Malkauns and Bageshri 7. Detailed study of Jhaptal and Dhamar Taal <b>• Revision of Pre Mid-term Syllabus</b>	July to Sept
3.	<b><u>Pre-Board / Final Syllabus</u></b> 1. Definitions – Alankar, Meend, Gamak, Alap, Tana, Kan, Khatka, Murki, Gram, Murchhana 2. Detailed study of Sangeet Ratnakar, Sangeet Parijat 3. Life sketch and contribution of Faiyaz Khan, Bade Gulam Ali Khan, Krishna Rao and Shankar Pandit 4. Detailed study of Raag Bhairav, Raag Malkauns and Bageshri 5. Detailed study of Rupak Taal, Jhaptal and Dhamar Taal 6. Time theory of Raagas 7. Structure and tuning of Tanpura <b>• Revision of Full Syllabus</b>	Oct to Dec

**Note: website link for yearly syllabus**

**<https://stephensint.com/syllabus.aspx>**