

STEPHENS

International Public School

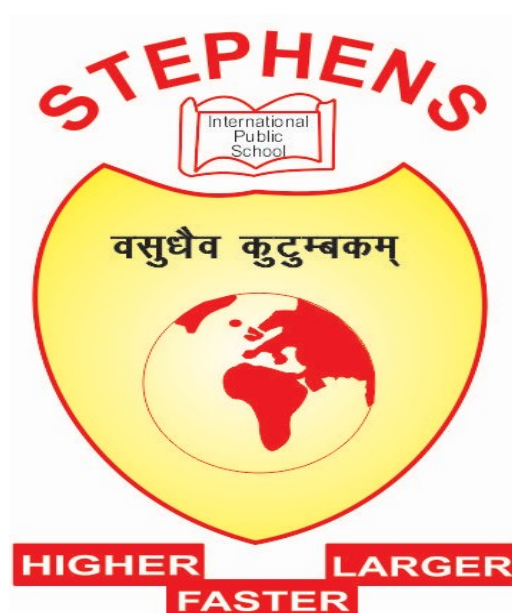
Affiliated to CBSE New Delhi - 730042
An English Medium Sr. Secondary School (10+2)

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Half Yearly Syllabus Class – 12th

For Session – 2025-2026

STEPHENS INTERNATIONAL PUBLIC SCHOOL

HALF YEARLY SYLLABUS FOR (CLASS – 12th) 2025-26

Subject - English

S.No	Name ff Lesson/Topic	For Month
1.	Flamingo Prose Ch-1 The Last Lesson Ch-2 Lost Spring Ch-3 Deep Water Ch-4 The Rattrap Ch-5 Indigo Poetry Ch-1 My Mother At Sixty-Six Ch-3 Keeping Quiet Ch-4 A Thing of Beauty Vistas Ch-1 The Third Level Ch-2 The Tiger King Ch-3 Journey To The End Of The Earth Ch-4 The Enemy <u>Reading Skills</u> • Discursive or Persuasive Passage • Descriptive or Literary / Factual Passage <u>Writing Skills</u> • Notice • Article • Letter : Application for a job with bio-data • Letter To The Editor (Suggestion / Opinion) • Invitation Card (Formal)	July to Sept

Subject –Physics

S.No	Name Of Lesson/Topic	For Month
1.	Unit-1 Electrostatics Ch-1. Electric Charges and Fields Ch-2. Electrostatic Potential and Capacitance Unit-2 Current Electricity Ch-3. Current Electricity Unit-3 Magnetic Effects Of Current And Magnetism Ch-4 Moving Charges and Magnetism Ch-5 Magnetism and Matter Unit-4 Electromagnetic Induction And Alternating Current Ch-6 Electromagnetic Induction Ch-7 Alternating Current	July to Sept

Subject – Chemistry

S. No.	Name Of Lesson/Topic	For Month
1.	Ch-1. Solutions Ch-2. Electrochemistry Ch-3. Chemical Kinetics Ch-6. Haloalkanes And Haloarenes Ch-7. Alcohol, Phenol & Ether	July to Sept

Subject – Maths

S.No	Name Of Lesson/Topic	For Month
1.	Ch-1 Relations and Functions Ch-2 Inverse Trigonometric Functions Ch-3 Matrices Ch-4 Determinants Ch-5 Continuity and Differentiability Ch-6 Applications Derivatives Ch-7 Integrals Ch-8 Application of integrals	July to Sept

Subject – Biology

S.No	Name Of Lesson/Topic	For Month
1.	Unit-VI Reproduction Ch-2: Sexual Reproduction in Flowering Plants Ch-3: Human Reproduction Ch-4: Reproductive Health Unit-VII Genetics and Evolution Ch-5: Principles of Inheritance and Variations Ch-6: Molecular Basis of Inheritance	July to Sept

Accountancy

S.No	Name Of Lesson/Topic	For Month
1.	<u>Part – A</u> Accounting for partnership firms & Companies: Unit–1 Accounting for Partnership Firms <ul style="list-style-type: none"> • Fundamentals of Partnership • Goodwill : Nature and Valuation • Change in Profit Sharing Ratio among the Existing Partners • Admission of a Partner • Retirement of a Partner • Death of a Partner • Dissolution of Partnership Firms [upto Journal Entries] 	July to Sept

Subject – Business Studies

S.No	Name Of Lesson/Topic	For Month
1.	Part – A Principles and Functions of Management Unit -1 Nature and Significance of Management Unit -2 Principles of Management Unit -3 Business Environment Unit-4 Planning Unit -5 Organising Unit -6 Staffing Unit -7 Directing Unit -8 Controlling	July to Sept

Subject - Economics

S. No.	Name of Lesson / Topic	For Month
1.	Macro-Economics Ch-1 Introduction Ch-2 Some Basic Concepts Of Macroeconomics Ch-3 National Command Related Aggregates Ch-4 Method 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 Deficit Demand And Access Demand Ch-10 Government Budget And Economy Ch-11 Foreign Exchange Rate Ch-12 Balance Of Payment	July to Sept

Subject – History

S.No	Name Of Lesson/Topic	For Month
1.	Part-1 Unit-1 Bricks, Beads And Bones Unit-2 Kings, Farmers And Towns Unit-3 Kinship, Caste And Class Unit-4 Thinker, Beliefs And Buildings Part-2 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	July to Sept

Subject – Political Science

S.No	Name Of Lesson/Topic	For Month
1.	<u>Part A: Contemporary World Politics</u> L-1 The End Of Bipolarity L-2 Contemporary Centres Of Power L-3 Contemporary South Asia L-4 International Organisations L-5. Security in Contemporary World <u>Part B: Politics In India Since Independence</u> 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	July to Sept

Subject – Sociology

S.No	Name Of Lesson/Topic	For Month
1.	<u>Unit - A: Indian Society</u> L-2. The Demographic Structure of Indian Society L-3. Social Institutions: Continuity and Change L-5. Patterns of Social Inequality and Exclusion <u>Unit - B: Social Change and Development in India</u> L-8. Structural Change L-9. Cultural Change L-11. Change and Development in Rural Society L-5. Change and Development in Industrial Society	July to Sept

Subject – Computer Science

S.No	Name Of Lesson/Topic	For Month
1.	Unit -1 Computational Thinking & Programming-2 (Chapter: Review Python 1, Review Python II & Functions, File Handling, Data Structure) Unit – 2 Computer Network	July to Sept

Subject –Physical Education

S.No	Name Of Lesson/Topic	For Month
1.	<p><u>Unit I Management of Sporting Events</u></p> <ol style="list-style-type: none"> 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) <p><u>Unit II Children & Women in Sports</u></p> <ol style="list-style-type: none"> 1. Exercise guidelines of WHO for different age groups. 2. Common postural deformities-knock knees, flat foot, round shoulders, Lordosis, Kyphosis, Scoliosis, and bow legs and their respective corrective measures. 3. Women's participation in Sports – Physical, Psychological, and social benefits. 4. Special consideration (menarche and menstrual dysfunction) 5. Female athlete triad (osteoporosis, amenorrhea, eating disorders). <p><u>Unit III Yoga as Preventive measure for Lifestyle Diseases</u></p> <ol style="list-style-type: none"> 1. Obesity: Procedure, Benefits & Contraindications for Tadasana, Katichakrasana, Pavanmuktasana, Matsayasana, Halasana, Pachimottansana, Ardha – Matsyendrasana, Dhanurasana, Ushtrasana, Suryabedhan pranayama. 	July to Sept

2. Diabetes: Procedure, Benefits & Contraindications for Katichakrasana, Pavanmuktasana, Bhujangasana, Shalabhasana, Dhanurasana, Suptavajarasana, Paschimottanasana, Ardha - Mastendrasana, Mandukasana, Gomukasana, Yogmudra, Ushtrasana, Kapalabhati.
3. Asthma: Procedure, Benefits & Contraindications for Tadasana, Urdhwahastottansana, UttanMandukasan -a, Bhujangasana, Dhanurasana, Ushtrasana, Vakrasana, Kapalabhati, Gomukhasana Matsyaasana, Anuloma - Viloma.
4. Hypertension: Procedure, Benefits & Contraindications for Tadasana, Katichakransan, Uttanpadasana, Ardha Halasana, Sarala Matyasana, Gomukhasana, UttanMandukasan-a, Vakrasana, Bhujangasana, Makarasana, Shavasana, Nadishodhanapranayam, Sitlipranayam.
5. Back Pain and Arthritis: Procedure, Benefits & Contraindications of Tadasana, Urdhwahastootansana, Ardh-Chakrasana, Ushtrasana, Vakrasana, Sarala Maysyendrasana, Bhujangasana, Gomukhasana, Bhadrasana, Makarasana, NadiShodhana pranayama.

Unit IV Physical Education & Sports for CWSN
(Children with Special Needs - Divyang)

1. Organizations promoting Disability Sports (Special Olympics; Paralympics; Deaflympics)
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.

Unit V Sports & Nutrition

1. Concept of balanced diet and nutrition
2. Macro and Micro Nutrients: Food sources & functions
3. Nutritive & 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

Unit VI Test & Measurement in Sports

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 & 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 $\times 100 / 5.5 \times$ Pulse count of 1-1.5 Min after Exercise.
3. Computing Basal Metabolic Rate (BMR)
4. Rikli & Jones – Senior Citizen Fitness Test
 - Chair Stand Test for lower body strength
 - Arm Curl Test for upper body strength
 - Chair Sit & Reach Test for lower body flexibility
 - Back Scratch Test for upper body flexibility
 - Eight Foot Up & 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)

Subject – Applied Arts

S.No	Name Of Lesson/Topic	For Month
1.	1. Introduction to Art 2. Rajasthani and Pahari School of Miniature Painting 3. Mughal School of Miniature Painting 4. Deccan School of Miniature Painting 5. Evaluation of Indian National Flag and Contribution of Indian Freedom Fighters 6. Introduction to the Bengal School of Painting & Main features of Bengal School of Painting	June to Sept

Subject – Hindustani Music Vocal

S.No	Name Of Lesson/Topic	For Month
1.	1. Definitions – Alankar, Meend, Gamak, Alap, Tana, Kan, Khatka, Murki, Gram, Murchhana 2. Detailed study of Sangeet Ratnakar 3. Detailed study of Sangeet Parijat 4. Life sketch and contribution of Faiyaz Khan 5. Life sketch of Bade Gulam Ali Khan, Krishna Rao and Shankar Pandit 6. Detailed study of Raag Bhairav 7. Detailed study of Rupak Taal 8. Detailed study of Raag Malkauns and Bageshri 9. Detailed study of Jhaptal and Dhamar Taal 10. Time theory of Raagas 11. Structure and tuning of Tanpura	July to Sept