

A.A.R Jain Model Sr. Sec. School ,Derabassi
Syllabus of class 10th (2024-25)
English

April – First Flight- L-1,2, Poem-1,2 **Footprints Without Feet** - L-1,2

Grammar : Tense (96-99) pages

Writing - Formal Letters (45-50) pages

May – First Flight- L-3,4, Poem-3,4 **Footprints Without Feet** - L-3,4

Grammar : Gap filling ,Sentence re-ordering , Editing (162-172) pages

Writing - Analytical Paragraph (76-80) pages

June: Do page no-(2-16), (22-25)

July :First Flight- L-5,6,7, Poem-5,6 **Footprints Without Feet** - L-5,6

Grammar : Modals (102-104) pages , Determiners (141-144) pages

August :First Flight- L-8,9, Poem-7,8 **Footprints Without Feet** - L-7,8,9

Grammar : Reported Speech (127-131) pages

Reading: (17-21) pages, (27-30) pages

September: Examination

October: First Flight- L-10,11, Poem-9,10,11**Footprints Without Feet** - L-10,11

Grammar :Preposition(149-152) pages , Subject Verb (119-121) pages

Writing : Letter writing (45-50) pages, Analytical Paragraph (81-85) pages

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IT

April: Part - A Unit -1 Communication Skills – II

Part - A Unit -2 Self Management

May : Part - B Unit -3 Information Technology and Communication

June : Summer Vacations

July: Part - B Unit -1 Digital Documentation

Part - B Unit -4 Entrepreneurial skills

August : Part -B Unit -2 Electronic Spreadsheet

Part - A Unit -5 Green skills

October: Part – B Unit -3 DBMS

Part - A Unit -5 Green skills ,Unit -4 Web Application and Security

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April:-

Geography:-L-1 Resources and Development, L-2 Water resources, L-4 Agriculture

Civics:-L-1 Power Sharing , L-2 Federation

May:-

History:-L-1 Nationalism in India

Civics:-L-3 Caste Religion and Gender

Economics: -L-1 Development , L-2 Sectors of the Indian Economy

June:-Summer Vacations

July:-

Geography:-L-3 Minerals

History:-L-3 The Making of Global World

Civics:-L-3 Caste Religion and Gender, L-4 Political Parties

Economics: -L-3 Money and Credit

August:-

Geography:-L-5 Manufacturing Industries, L-6 Lifeline of India

Economics: -L-4 Globalisation of India

September:-Examination

October:-

History:-L-4 The Age of Industrialisation

Civics:-L-5 Outcomes of Democracy, L-6 Challenges of Democracy

Economics:-Ch-5 Consumer Rights

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Science

April:Chemistry - L-1 Chemical Reactions and Equations , L-2 Acid, Bases and Salts

May: Biology - L-5 Life processes, L-6 Control and Coordination

June:- Summer Vacations

July: Physics -, L- 9 Light , L-10 Human eye and colourful world

August:-Chemistry Evs-L-13 Our Environment L-3 Metals and Non –metals

September:-Examination

October:-Chemistry - L-4 Carbon and its compound

November: Physics - L-11 Electricity , L-12 Magnetic effect of electric current

December: - **Biology** - L-7 How do organisms reproduce ? , L-8 Heredity and Evolution

Revision of full syllabus

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Maths

April:-Ch-1. Real Number ,Ch-2. Polynomials , Ch-3 Pair of Linear equation in two variables

Lab Manual Activity: -1) Graph of Quadratic Polynomials. 2) HCF of two numbers.

May:- Ch-4. Quadratic Equation, Ch-5. Airthmatic Progression, Ch-7. Coordinate Geometry

Lab Manual Activity:3) Sum of odd natural numbers . 4) Centroid Triangle.

Art Integrated Activity:

May: To verify given sequence is arithmetic progression by paper cutting and pasting material.

October :Verify Pythagoras theorem by method of paper folding and cutting.

June: -Summer Vacations

July:-Ch-6 . Triangles, Ch-14 . Statistics, Ch-15. Probability

Lab Manual Activity:5)BPT th'm for a triangle.

6) To find Median.

August: -Ch-10Circles, Ch-8 Introduction to Trignometry , Ch-9 Some applications of Trignometry.

Lab Manual Activity: 7) Tangent drawn from an external point to a circle are equal.

8) Area of Circle by Coiling method.

September:- S.A-1Ch- 1,2,3,4,5,6,7,8,9,14,15,10

F.A-1 -Ch-1,2,4 **bF.A-2**Ch-6,5

Subject Enrichement Activity:-

July: Find the sum of n natural number by activity.

August:Students are suggested to cut 5 circles of different colour and radius.find their areas and paste them to form a wheel of archery.

October:-Ch-12. Area related to circles,Ch-13. Surface Area and volume

Lab Manual Activity:9) Volume of Sphere.

10) Area of sector formed at vertices of .

November:-Revision Ch-3,7,8,9,10.

December:-Revision Ch-14,15,13,12.

January:-Revision

February:-Revision

March= Final Examination

FA-3. Ch-9, Ch-14

FA-4. Ch-12, Ch- 13

Subject Enrichement Activity:-

Nov: Draw a puzzle of Quadratic Equations $F(x) = 3(x-4)^2 - 3$ & $F(x) = (x - 3)^2 - 4$, make their factors of these equations and draw its graph also.

Dec: Draw a system of similar triangles using Y- shaped strips with nail.