

DAISY DALES SR. SECONDARY SCHOOL

SYLLABUS -2019--2020

Class XII

ENGLISH

I Term (April to July)

➤ **Reading**

- Unseen comprehension
- Note making

➤ **Writing**

- Short compositions- notice, advertisement, invitations (formal, informal) replies, posters.
- Report Writing
- Writing – letter to Editor, Job Application, Complaint Letter, making enquiry, seeking information, placing order and sending replies, letter to the principal
- Article writing

➤ **Text book(Flamingo)**

- The Last Lesson
- Lost Spring
- Deep Water

➤ **Poem**

- My Mother at Sixty Six

➤ **Poems**

- Keeping Quiet
- An Elementary School Class room in a School

➤ **Vistas**

- The Third level
- The Tiger King
- Journey to the End of the Earth

II Term (August – October)

➤ **Text book (Flamingo)**

- The Rattrap
- Indigo
- Poets and pan cakes
- The Interview
- Going Places

➤ **Poems**

- A Thing of Beauty
- A RoadSide Stand
- Aunt Jennifer's Tigers

➤ **Vistas**

- The Enemy
- Should Wizard hit Mommy
- On the Face of It
- Evans Tries an o' level
- Memories of childhood

हिन्दीपाठ्यक्रम

अप्रैल , मई

काव्यखंड

आत्मपरिचय , एकगीत , पतंग , कविताकेबहाने , बातसीधीधीपर,
कैमरेमेंबंदअपाहिज

गद्यखंड

भक्तिन , बाज़ारदर्शन , कालेमेघापानीदे , चार्लीचैप्लिनयानीहमसब
पहलवानकीढोलक

वितान

सिल्वरवैडिंग , अतितकेदबेपाँव

रचनात्मकलेखन

निबंध , पत्रलेखन , आलेख , फीचर-लेखन , रिपोर्ट

जनसंचारमाध्यम

पत्रकारिताकेआयाम , प्रिंटमाध्यम , समाचारऔरसम्पादकीय ,
विभिन्नमाध्यमोंकेलिएलेखन

अगस्तसेसितम्बर

काव्यखंड

बादलराग , छोटामेराखेत , बगुलोंकेपंख , कवितावली ,

लक्ष्मणमूर्छा और रामकाविलाप , रुबईयां , गज़ल

गद्यखंड

नमक , शिरीषकेफूल , श्रमकाविभाजन और जातिप्रथा

वितान डायरीकेपत्रे , जूझ

MATHEMATICS

APRIL	-	Matrices, Determinants
MAY	-	Inverse Trigonometry, Continuity & Differentiability, Application of Derivatives
AUGUST	-	Integration, Application of Integration, Differential Equation,
SEPTEMBER	-	Vectors, 3-D, Linear Programming,
NOVEMBER-		Probability, Relation & Function

BIOLOGY

APRIL- CHAPTER 1 – Reproduction in organism

CHAPTER-2- Sexual reproduction in flowering Plants.

CHAPTER-3- Human reproduction

CHAPTER- 4 –Reproductive health

CHAPTER-5- Principle of inheritance and variation.

MAY- CHAPTER-6- Molecular basis of inheritance

CHAPTER- 7- Evolution

CHAPTER -8-Human health and disease

AUGUST

CHAPTER -9- Strategies for enhancement in food

CHAPTER-10-Microbes in human welfare.

CHAPTER-11-Biotechnology principles and process.

CHAPTER -12-Biotechnology and its application.

CHAPTER-13-Organism and population

SEPTEMBER-

CHAPTER -14-Ecosystem

CHAPTER - 15-Biodiversity

CHAPTER- 16- Environmental issues

PHYSICS

APRIL- MAY

Chapter1: Electric charges and fields

Chapter2: Electrostatics potential and capacitance

Chapter3: Current electricity

Chapter4: Moving Charges and magnetism

Chapter6: Electromagnetic induction

Chapter7: Alternating current

Chapter8: Electromagnetic Waves

AUGUST- SEPTEMBER

Chapter9: Ray optics and optical instruments

Chapter10: Wave optics

Chapter11: Dual nature of radiation and matter

Chapter12: Atoms

Chapter13: Nuclei

Chapter14: Semiconductor and electronics

CLASS XII CHEMISTRY

APRIL- MAY

Unit 2: Solutions

Unit 3: Electrochemistry

Unit 4: Chemical Kinetics

Unit 7: The *p*-block elements

Unit 8: The *d* and *f*-block elements

Unit 9: Coordination Compounds

AUGUST -SEPTEMBER

Unit 10: Haloalkanes and Haloarenes

Unit 11: Alcohols, Phenols and Ethers

Unit 12: Aldehydes, Ketones and Carboxylic Acids

Unit 13: Amines

Unit 14: Biomolecules

Unit 15: Polymers

Unit 16: Chemistry in Everyday Life

Unit 05: Surface chemistry

Unit 06: General Principles and Processes of Isolations Of Elements

BUSINESS STUDIES : PART I

1 NATURE AND SIGNIFICANCE OF MANAGEMENT	APRIL
2 PRINCIPLES OF MANAGEMENT	APRIL
3 BUSINESS ENVIRONMENT	APRIL
4 PLANNING	MAY
5 MARKETING MANAGEMENT	MAY
6 CAPITAL MARKETS	MAY
7 PROJECT WORK (HOLIDAY HOME WORK)	JUNE

BUSINESS STUDIES : PART II

1 FINANCIAL MANAGEMENT	JULY (LAST WEEK)
2 DIRECTING	AUGUST
3 CONTROLLING	AUGUST
4 CONSUMER PROTECTION	SEPTEMBER
5 ORGANISING	SEPTEMBER
6 STAFFING	SEPTEMBER

Accountancy (055)

Class XII

Month	Topics to be covered
April	Accounting for Partnership Firm. <ul style="list-style-type: none">- Fundamentals- Re-constitution of Firm- Change in Profit Sharing Ratio
May	<ul style="list-style-type: none">- Admission of a Partner- Retirement and Death of a Partner- Dissolution of Partnership Firm
August	Not for Profit Organization Analysis of Financial Statement <ul style="list-style-type: none">- Financial Statement Analysis; meaning, significance and limitation.-- Ratio Analysis- Accounting Ratios- Cash Flow Statement- Comparative and Common size Statement
September / October	Accounting for Share Capital Accounting for Debentures Financial Statement of a Company

CLASS XII ECONOMICS

APRIL:

Chapter1 Introduction
Chapter 2 Some basic concepts of Macroeconomics
Chapter3 National Income and Related Aggregates
Chapter 4 Methods of Calculating National Income

MAY:

Chapter 5 Money
Chapter 6 Banking
Chapter 7 Aggregate Demand, Aggregate Supply and Related concept
Chapter 8 Government Budget and The Economy
Chapter 9 Foreign Exchange Rate
Chapter 10 Balance of payment

August:

Chapter11 Short run Equilibrium output.
Chapter 12 Problem of Deficient Demand and Excess Demand

PART B

- Chapter Indian Economy on the Eve of Independent
- Chapter Five year plans in India
- Chapter Features, problems and policies of Agriculture
- Chapter Strategy of Industrial Growth
- Chapter India's Foreign Trade

September/October:

- Chapter Economic Reforms
- Chapter poverty
- Chapter Human Capital Formation
- Chapter Rural Development
- Chapter Employment and unemployment
- Chapter Infrastructure
- Chapter Environment and unemployment
- Chapter Development Experience of India, Pakistan and China

CLASS XII POLITICAL SCIENCE

POLITICAL SCIENCE : CONTEMPORARY WORLD POLITICS FOR CLASS

- 1 THE COLD WAR ERA**
- 2 THE END OF BIPOLARITY**
- 3 US HEGEMONY IN WORLD POLITICS**
- 4 ALTERNATIVE CENTRES OF POWER**
- 5 CONTEMPORARY SOUTH ASIA**
- 6 INTERNATIONAL ORGANISATIONS**
- 7 SECURITY IN THE CONTEMPORARY WORLD**
- 8 ENVIRONMENT AND NATURAL RESOURCES**
- 9 GLOBALISATION**

**APRIL &
MAY**

POLITICAL SCIENCE : POLITICS IN INDIA SINCE INDEPENDENCE FOR

- 1 CHALLENGES OF NATION BUILDING**
- 2 ERA OF ONE-PARTY DOMINANCE**
- 3 POLITICS OF PLANNED DEVELOPMENT**
- 4 INDIA'S EXTERNAL RELATIONS**
- 5 CHALLENGES TO AND RESTORATION OF THE CONGRESS SYSTEM**
- 6 THE CRISIS OF DEMOCRATIC ORDER**
- 7 RISE OF POPULAR MOVEMENTS**

**AUGUST,
SEPTEMBER
&OCTOBER**

8 REGIONAL ASPIRATIONS

**9 RECENT DEVELOPMENTS IN INDIAN POLITICS
HISTORY**

BOOK-THEMES IN INDIAN HISTORY

APRIL

PART- I

1. BRICKS, BEADS AND BONES

(HARAPPAN CIVILIZATION)

2. KINGS, FARMERS AND TOWNS

EARLY STATES AND ECONOMICS (c.600BCE-600CE)

3. KINSHIP, CASTE, AND CLASS

EARLY SOCIETY (c.600BCE-600CE)

MAY

4. THINKERS, BELIEFS AND BUILDING

CULTURAL DEVELOPMENTS (c.600BCE-600CE)

PART-II

5. THROUGH THE EYES OF TRAVELLERS

PRECEPTIONS OF SOCIETY (c.TENTH TO SEVENTEENTH CENTURY)

6. BHAKTI SUFI TRADITIONS

CHANGES TO RELIGIOUS BELIEFS AND DEVOTIONAL TEXTS (c. EIGHTH TO EIGHTEENTH CENTURY)

7. AN EMPIRAL CAPITAL VIJAYNAGAR (c. FOURTEENTH TO SIXTEENTH CENTURY)

AUGUST

8. PEASANT, ZAMINDARS AND STATE

AGRARIAN SOCIETY AND THE MUGHAL (c. SIXTEENTH TO SEVENTEENTH CENTURY)

9. KINGS AND CHRONICLES

THE MUGHAL COURTS (c. SIXTEENTH TO SEVENTEENTH CENTURY)

10. COLONIALISM AND THE COUNTRYSIDE

EXPLORING OFFICAL ARCHIVES

11. REBELS AND THE RAJ

1857 REVOLT AND ITS REPRESENTATIONS

12. COLONIAL CITIES

URBANISATION, PLANNING AND ARCHITECTURE

SEPTEMBER

13. MAHATAMA GANDHI AND THE NATIONALIST MOVEMENT

CIVIL DISOBEDINECE AND BEYOND

14. UNDERSTANDING PARTITION

POLITICS, MEMORIES, EXPERIENCE

15. FRAMING THE CONSTITUTION

THE BEGINNING OF NEW ERA

TEXTILE DESIGN (CODE – 829)

CLASS – XII C

SYLLABUS – 2019-20

Unit – 1: Introduction to Chemical Processing-Pretreatments

APRIL

Course Content

- Textile chemical processing for fibers.
- Impurities present in the Natural and synthetic Fibers.
- Elementary knowledge of processing.
- Different processes e.g., singeing, de-sizing, scouring, bleaching and mercerizing.

Unit – 5: Embroidered Textiles

Course Content

- Introduction to traditional embroidered textiles from different regions of India.
- Kashida from Kashmir
- Phulkari from Punjab.
- Kantha from West Bengal.
- Chikankari from Uttar Pradesh
- Study of above mentioned regional embroideries with references to origin, technique, new material, colours, motifs and layout.

Unit – 2: Textile Dyeing

MAY

Course Content

- Introduction to traditional resist dyed textiles (Tie and Dye) textiles from different regions of India.
- Suitability of dyes and dyeing methods, Important classes of dyes for natural and man-made fibers, e.g., direct, acid, basic, vat, azoic, sulfur and dispersed dyes.

Unit – 3: Textile Printing

AUGUST

Course Content

- Introduction to various methods of printing, specific features and limitations of various methods, such as Hand Block Printing (different styles on the basis of region), Hand Screen printing, Roller Printing and Heat Transfer Printing.
- Style of Printing (Direct prints, Discharge prints, Resist prints, Warp prints, Blotch prints, Duplex prints) & their specific features for their identification.

Unit – 4: Introduction to Print Design and Print Design Techniques.

SEPTEMBER

Course Content

Various aspects of Design: color wheel, layout and repeats.

Print Categories

- Introduction to various types of Design and their categories.
- Geometric prints
- Floral prints.
- Animal prints
- Ethnic prints.
- Dot prints

Print Design Techniques

- Etching Technique
- Stamping and Sponge Technique
- Dry Brush and Stencil Technique
- Collage Technique.

PRACTICALS

(Max Marks 40)

1. Dyeing of cotton fabric with direct dyes.
2. Arrange a workshop related to shade matching.
3. Introduce students about different colour schemes, layout and repeats.
4. To learn to use the blocks to design, different repeats.
5. To introduce the technique of tie & dye (Resist Dyeing) with Direct Dyes.
6. Make a print category scrap book of approx. 12 pages. Collect fabric samples of each category a print from the cloth market, old clothes etc. cut each sample into 5'x5' and paste them in scrap file.
7. Prepare 2 sheets of each category of print and paste them in a scrap book.
 - Geometric prints
 - Floral prints
 - Animal prints
 - Ethnic prints
 - Dots prints
8. Make a scrap book containing 2 sheets of each innovative technique via:
 - Etching Technique
 - Dry brush and Stencil Technique
 - Stamping Technique
 - Collage Technique
9. Make an article using
 - Screen printing technique
 - Stencil printing
 - Block printing
10. Make the samples of Traditional Embroiders
 - Kantha from West Bengal
 - Chikankari from Uttar Pradesh
 - Phulkari from Punjab
 - Kashida from Kashmir
11. Develop an understanding about combination of traditional Indian Techniques and Modern textile Techniques. Prepare an article based on this concept.
12. Visit to an exhibition/ museum and prepare a file.
13. On the Job Training/ Industry Visit (8 weeks)

Employability Skills

Unit – 1: Communication Skills–IV

Unit – 2: Self- Management Skills–IV

Unit – 3: Information and Communication Technology Skills–IV

Unit – 4: Entrepreneurial Skills–IV

Unit – 5: Green Skills–IV

Computer science

April-May

- Object oriented programming
 - Implementation of oops
 - Classes and objects
 - Constructor and destructor
 - Inheritance (extended Classes)

August:

- Data file handling
 - Text file ,Binary file
 - Pointers
 - Array
- Data structure
 - Stack implementations
 - Queue implementations
 - Linked list implementations

September:

- Database management system
 - RDBMS concepts
 - SQL Queries
- Boolean Algebra
 - Logic gates
 - Canonical Expressions
 - Nand to Nand gates
 - Nor to Nor gates
- Networking Concepts
 - Open source soft wares
 - Protocols
 - Cyber law and security

PHYSICAL EDUCATION

CH-1	SPORTS & NUTRITION	APRIL
CH-2	YOGA AND LIFESTYLE APRIL	
CH-3	PHYSICAL EDUCATION & SPORTS FOR DIFFERENTLY - ABLED APRIL	
CH-4	CHILDREN & SPORTS	MAY
CH-5	WOMEN & SPORTS	MAY
CH-6	TEST AND MEASUREMENT IN SPORTS	MAY
CH-7	PHYSIOLOGY & SPORTS	AUGUST
CH-8	SPORTS MEDICINE	AUGUST
CH-9	KINESIOLOGY, BIOMECHANICS& SPORTS	AUGUST
CH-10	PSYCHOLOGY & SPORTS	AUGUST
CH-11	TRAINING & SPORTS	SEPTEMBER
CH-12	PLANNING IN SPORTS	SEPTEMBER