

Dayanand Public School
Syllabus for 2020-2021
Std-IX

ENGLISH LANG

1 st Term	
March - April	Composition Letter Writing Notice Writing Do as Directed Tenses
May-June	Comprehension E. mail Writing Prepositions Joining Sentences
July 1 st Week	Composition Letter Writing Revision
2 nd Term	
July-August	Composition Letter Writing Notice Writing Do as Directed Prepositions
September	Comprehension Tenses E. mail Writing Joining Sentences
3 rd Term	
October-November	Composition Letter Writing Notice Writing Prepositions Do as Directed
December	Composition E. mail Writing Tenses Joining Sentences
January-February	Revision

ENGLISH LIT

1 st Term	
March - April	The Merchant of Venice : Act – I, scene - I. Chief Seattle’s Speech (prose) The Heart of the Tree (poem)
May-June	The Merchant of Venice : Act –I, scene – II & III. Old Man at the Bridge (prose)
July 1 st Week	The Cold Within (poem)

	Revision
2nd Term	
July-August	The Merchant of Venice : Act –II, scene – I &II. A Horse and Two Goats (prose) The Bangle Sellers (poem)
September	The Merchant of Venice : Act – II, scene – III &IV. Heats and Hands (prose) After Blenheim (poem)
3rd Term	
October-November	The Merchant of Venice : Act –II, scene – V. A Face in the Dark (prose) Television (poem)
December	The Merchant of Venice : Act –III, scene – I. Daffodils (poem) An Angel in Disguise (prose)
January-February	The Merchant of Venice : Act –III, scene – I. Revision

MATHS

1st Term	
Months	Chapters
March - April	Rational & irrational numbers, Compound interest, Expansions, Factorisation
May - June	Simultaneous linear equation, problems on simultaneous linear equations
July (1 st week)	Revision for first term
2nd Term	
July - August	Indices, Logarithms, Triangles, Co-ordinate geometry
September	Mid-point theorem, Mensuration, Trigonometrical ratios, Trigonometrical ratios of standard angles, Statistics Revision for second term
3rd Term	
October - November	Pythagoras throrem, Rectilinear figures, Theorems on area
December	Circles Revision for Council's Board examination (2021)
January - February	Revision

HIST/CIV

1st term
Ch-1. The Harappan Civilisation(History) Ch-2. The Vedic Period(History) Ch-3. Jainism and Buddhism(History) Ch-1. Our Constitution(Civics) Ch-2. Salient features of the Constitution-I(Civics)
Ch-4. The Mauryan Empire(History) Ch-5. The Sangam Age(History)

Ch-6. The Age of the Guptas(History)
Revision
2nd term
Ch-7. The Cholas(History)
Ch-8. The Delhi Sultanate(History)
Ch-9. The Mughal Empire(History)
Ch-3. Salient Features of the Constitution-II(Civics)
Ch-10. Composite Culture(History)
Ch-4. Elections(Civics)+Revision
3rd term-
Ch-11. Renaissance (History)
Ch-12. Reformation (History)
Ch-13. Industrial Revolution (History)
Ch-5. Local self- Government (Rural) (Civics)
Ch-6. Local self- Government (Urban) (Civics)
Worksheets practice + Revision

GEOGRAPHY

1st term
Earth as a planet Latitude and Longitude Rotation and Revolution
Structure of the Earth Landforms of the Earth Rocks Map – Mountains, Plateaus.
Revision
2nd term
Volcanoes Earthquakes
Hydrosphere Weathering and Denudation Map - Rivers
3rd term
Atmosphere Pressure and Winds Humidity The oceans, Seas, Gulfs and Straits
Insolation Pollution Sources, Effects, Preventive Measures.
Natural Regions of the world Map – The major natural regions of the world

PHYSICS

Months		1 st Term
March-April		1. Measurements and Experimentation 2. Motion in one dimension
May-June		1. Laws of motion
July(1st week)		Revision for 1 st term
		2 nd term
July- August		1. Pressure in fluids and Atmospheric pressure 2. Up thrust in fluids
September		1. Up thrust in fluids (contd....)(Archimedes principle and floatation) 2. Heat and energy 3. Reflection of light
		3 rd term
Oct- Nov		4. Propagation of sound waves
December		1. Current Electricity
Jan-February		1. Magnetism

BIOLOGY

<u>MARCH & APRIL</u>	1) Cell & Cell Division.	2) Tissues (Plant).
<u>MAY & JUNE</u>	3) Animal Tissues.	4) Flower.
	5) Pollination & Fertilization.	6) Structure of Dicot & Monocot seeds.
<u>JULY (First Week)</u> –	Revision.	

SECOND TERM

<u>JULY & AUGUST</u>	7) Economic importance of bacteria.	8) Structure & Function of skin.
<u>SEPTEMBER</u>	9) Respiratory system.	10) Pollution.

IIIIRD TERM

<u>OCTOBER & NOVEMBER</u>	11) Five kingdom classification.	12) Nutrition.
	13) Digestive system.	
<u>DECEMBER</u>	14) Health & Hygiene.	15) Aids to health.
<u>JANUARY</u>	16) Respiration in plants.	17) Health organization.
	18) Waste generation & Management.	

COMPUTER (SCI)

Months Name	Chapters	Terminal
March – April	Chapter – 1 Introduction to OOP Concepts, Chapter – 2 Introduction to Java, Chapter – 3 Elementary Concepts of Objects and Classes, Chapter – 4 Values and Data Types, Chapter – 5 Operators in Java. ➤ Programming Practice	1 st Terminal
May – June	Chapter – 8 Mathematical Library Methods Chapter – 9 Conditional Constructs in Java ➤ Programming Practice	
July (1 st week)	Revision	
July-August	Chapter – 10 Iterative Constructs in Java ➤ What is a Loop? ➤ Looping Control Structures ➤ For Loop ➤ Variations in for Loop ➤ While Loop ➤ Variations in while Loop ➤ Do-while Loop, Nested Loops, Infinite Loops ➤ Jump Statements, labels and branching statements ➤ Programming Practice	2 nd Terminal
September	Chapter – 7 Input in Java ➤ Comments in Java ➤ Input using Initialization ➤ Input using Parameters (Bluej) ➤ Introduction to Packages ➤ Input using the Scanner Class ➤ Types of Errors ➤ Programming Practice	

COMPUTER (COMM)

Months Name	Chapters	Terminal
March – April	Chapter – MICROSOFT WORD 2007 – PART I ➤ What is Microsoft Office ➤ Introduction to a Word Processor ➤ Important features of Word Processor ➤ Introduction to MS Word 2007 ➤ Opening MS Word 2007 ➤ Components of MS Word Window 2007 ➤ Creating a Document ➤ Saving a Document ➤ Saving a Document using password protection	1 st Terminal

	<ul style="list-style-type: none"> ➤ Opening a saved Document ➤ Closing the Document and Application 	2nd Terminal
May – June	Chapter – MICROSOFT WORD 2007 – PART II <ul style="list-style-type: none"> ➤ Editing and Formatting a Document ➤ Character Formatting ➤ Format Painter ➤ Paragraph Formatting ➤ Newspaper Style Column ➤ Page Formatting, Page Breaks ➤ Inserting Symbols, Inserting Graphics ➤ Working with Shapes ➤ Grouping and Ungrouping multiple drawing objects ➤ Bullets and Numberings, Working with Tables ➤ Merging and Splitting cells, Performing calculations in a Table ➤ Mail Merge, Printing a Document 	
July(1st week)	Revision	
August	Chapter – MICROSOFT EXCEL 2007 – PART I <ul style="list-style-type: none"> ➤ Important features of Spreadsheets ➤ Starting MS Excel ➤ Components of Worksheet ➤ Creating a new Workbook, Inserting a Worksheet ➤ Saving a Workbook, Renaming/Deleting a Worksheet ➤ Moving/Copying a Worksheet ➤ Opening an existing Spreadsheet, Working with a Spreadsheet ➤ Editing the cell contents, Editing the ranges ➤ Inserting cells, columns and rows in a Worksheet ➤ Deleting rows and columns from a Worksheet ➤ Working with Formulas 	
September	Chapter – MICROSOFT EXCEL 2007 – PART II <ul style="list-style-type: none"> ➤ Cell reference, Using simple functions, Advance features of Excel ➤ Formatting a Worksheet, Formatting Numbers/Text ➤ Applying Formatting effects using Home Tab, Charts ➤ Creating a chart in Excel, Creating Header and Footer 	
October (1st week)	Revision	

Economic App.

1 st Term	
Months	Chapters
March - April	Chapter 1. Meaning and Definition of Economics Chapter 2. Basic Economic Entities in an Economy Chapter 3. Basic Problems of an Economy
May - June	Chapter 4. Types of Economies Chapter 5. Characteristics of the Indian Economy
July (1 st week)	Revision
2 nd Term	
July - August	Chapter 6. Mains Sectors of the Indian Economy – Agriculture

	Chapter 7. Mains Sectors of the Indian Economy – Industry Chapter 8. Mains Sectors of the Indian Economy – Services
September	Chapter 9. Other Sectors of the Indian Economy Revision
3 rd Term	
October - November	Chapter 10. Economic Infrastructure Chapter 11. Social Infrastructure
December	Chapter 12. Consumer Awareness
January - February	Chapter 13. Globalisation Revision

COMM STUDIES

Month	Chapter in details
	1 COMMERCIAL ORGANISATION
	a) Commercial and non-commercial activities b) Types of commercial activities c) Business activities
March-April	d) Non profit organisation e) Commerce (Trade, Aids to trade) f) Commercial organisation :-
	i) Private sector (Sole proprietorship / Partnership / One person company / Joint stock company / Limited Liability Partnership / Cooperative sector)
May - June	f) Commercial organisation :- ii) Public sector enterprises (Departmental undertakings / Public corporation / Government companies)
July (1st week)	REVISION
	2. IMPORTANT DEPARTMENTS OF COMMERCIAL ORGANISATION
July - Aug.	a) Production b) Purchasing and stores c) Marketing and sales d) Finance and Accounting e) Human Resources f) General Administration and Legal compliances
	3. COMMUNICATION
	4. SOCIAL RESPONSIBILITIES OF COMMERCIAL ORGANISATION TOWARDS ENVIRONMENT
	5. INTRODUCTION OF ACCOUNTING AND BOOK KEEPING :-
September	a) Meaning and Objective, Accounting cycle, Difference between Book keeping and Accounting REVISION
	5. INTRODUCTION OF ACCOUNTING AND BOOK KEEPING :-
Oct. - Nov.	b) Definitions and their Explanation of Capital / Liabilities/ Assets/ Expenses/ Revenues/ Purchases/ Sales/ Stock/ Debtors/ Creditors/ Drawings/ Debit and Credit/ Discount c) Basic Accounting principle and concepts (Business entity / Money measurement/ Going concern/ Accounting Period/ Dual aspect/ Accounting Equation/ Matching principle/ Principle of full disclosure d) Journal e) Ledger f) Trial Balance
	5. INTRODUCTION OF ACCOUNTING AND BOOK KEEPING :-
December	g) Cash Book

	6. BANKING
	7. TRADE (Channels of Distribution - Physical C&F Agents/ Wholesellers/ Distributors and Retailers
Jan - Feb.	a) Channels of Distribution - Physical C&F Agents/ Wholesellers/ Distributors and Retailers
	b) E-commerce and E-trade and Merits and de-merits on Online trading
	REVISION