

**Dayanand Public School**  
**Syllabus for 2020-2021**  
**Std-IX**

**ENGLISH LANG**

1 <sup>st</sup> Term	
March - April	Composition Letter Writing Notice Writing Do as Directed Tenses
May-June	Comprehension E. mail Writing Prepositions Joining Sentences
July 1 <sup>st</sup> Week	Composition Letter Writing Revision
2 <sup>nd</sup> Term	
July-August	Composition Letter Writing Notice Writing Do as Directed Prepositions
September	Comprehension Tenses E. mail Writing Joining Sentences
3 <sup>rd</sup> 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 <sup>st</sup> 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 <sup>st</sup> Week	The Cold Within (poem)

	Revision
2 <sup>nd</sup> 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)
3 <sup>rd</sup> 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

1 <sup>st</sup> Term	
Months	Chapters
March - April	Rational & irrational numbers, Compound interest, Expansions, Factorisation
May - June	Simultaneous linear equation, problems on simultaneous linear equations
July (1 <sup>st</sup> week)	Revision for first term
2 <sup>nd</sup> 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
3 <sup>rd</sup> Term	
October - November	Pythagoras throrem, Rectilinear figures, Theorems on area
December	Circles Revision for Council's Board examination (2021)
January - February	Revision

#### HIST/CIV

1 <sup>st</sup> 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
<b>2<sup>nd</sup> term</b>
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
<b>3<sup>rd</sup> term-</b>
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

<b>1<sup>st</sup> term</b>
Earth as a planet Latitude and Longitude Rotation and Revolution
Structure of the Earth Landforms of the Earth Rocks Map – Mountains, Plateaus.
Revision
<b>2<sup>nd</sup> term</b>
Volcanoes Earthquakes
Hydrosphere Weathering and Denudation Map - Rivers
<b>3<sup>rd</sup> term</b>
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 <sup>st</sup> Term
March-April		1. Measurements and Experimentation 2. Motion in one dimension
May-June		1. Laws of motion
July(1 <sup>st</sup> week)		Revision for 1 <sup>st</sup> term
		2 <sup>nd</sup> 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 <sup>rd</sup> term
Oct- Nov		4. Propagation of sound waves
December		1. Current Electricity
Jan-February		1. Magnetism

## BIOLOGY

<u>MARCH &amp; APRIL</u>	1) Cell & Cell Division.	2) Tissues (Plant).
<u>MAY &amp; 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 &amp; AUGUST</u>	7) Economic importance of bacteria.	8) Structure & Function of skin.
<u>SEPTEMBER</u>	9) Respiratory system.	10) Pollution.

### III<sup>RD</sup> TERM

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

## 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 <sup>st</sup> Terminal
May – June	Chapter – 8 Mathematical Library Methods Chapter – 9 Conditional Constructs in Java ➤ Programming Practice	
July (1 <sup>st</sup> 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 <sup>nd</sup> 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	<b>Chapter – MICROSOFT WORD 2007 – PART I</b> ➤ 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 <sup>st</sup> Terminal

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

#### Economic App.

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

	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 <sup>rd</sup> 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
	<b>1 COMMERCIAL ORGANISATION</b>
	a) Commercial and non-commercial activities      b) Types of commercial activities c) Business activities
<b>March-April</b>	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 )
<b>May - June</b>	f) Commercial organisation :- ii ) Public sector enterprises ( Departmental undertakings /
	Public corporation / Government companies )
<b>July</b>	REVISION
<b>( 1st week )</b>	
	<b>2. IMPORTANT DEPARTMENTS OF COMMERCIAL ORGANISATION</b>
<b>July - Aug.</b>	a) Production      b) Purchasing and stores      c) Marketing and sales      d) Finance and Accounting
	e) Human Resources      f) General Administration and Legal compliances
	<b>3. COMMUNICATION</b>
	<b>4. SOCIAL RESPONSIBILITIES OF COMMERCIAL ORGANISATION TOWARDS ENVIRONMENT</b>
	<b>5. INTRODUCTION OF ACCOUNTING AND BOOK KEEPING :-</b>
<b>September</b>	a) Meaning and Objective, Accounting cycle, Difference between Book keeping and Accounting
	REVISION
	<b>5. INTRODUCTION OF ACCOUNTING AND BOOK KEEPING :-</b>
<b>Oct. - Nov.</b>	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
	<b>5. INTRODUCTION OF ACCOUNTING AND BOOK KEEPING :-</b>
<b>December</b>	g) Cash Book

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