

DAYANAND PUBLIC SCHOOL
SYLLABUS FOR 2020-2021

STD.VII

ENGLISH LANG

1 st Term	
March - April	Nouns (Revision) Pronouns Vocabulary (antonyms, synonyms, proverbs and one word substitution) Prepositions Verbs and its kinds (verbs – modals) Adjective + degree of adjectives Articles
May-June	Tenses (present, past and future) – simple and continuous forms Message Writing Letter Determiners Composition Comprehension
July 1 st Week	Revision
2 nd Term	
July-August	Conjunction Preposition Vocabulary (antonyms, synonyms, proverbs and one word substitution) Notice Writing Letter Writing Tenses (present, past and future – perfect and perfect continuous forms
September	Adverbs + position of adverbs Active and Passive Voice Composition Comprehension Revision
3 rd Term	
October-November	Tenses (present, past and future – all forms) Prepositions Vocabulary (antonyms, synonyms proverbs and one word substitution) Letter Writing
December	Direct and Indirect Speech E-mail Writing Transformation of Sentences
January-February	Composition Comprehension Revision

ENGLISH LIT

1 st Term	
March - April	The Open Window (prose) A Boat Beneath a Sunny Sky (poem) 'Dad.....' (prose)
May-June	Dear March, Come in (poem) The Adventure of The Three Students (prose)
July 1 st Week	Revision
2 nd Term	
July-August	Indian Weavers (poem) The Overcoat (prose)
September	Small Pain in my Chest (poem) The All-American Slurp (prose)
3 rd Term	
October-November	The Doubt About the Trout (prose) Govinda's Disciple (poem)
December	The Portrait (prose)
January-February	'Dad.....' (prose) The Listeners (poem)

Maths

1 st Term	
Months	Chapters
March - April	<ul style="list-style-type: none"> ➤ Rational Numbers ➤ Exponents ➤ Squares and Square Roots ➤ Cube and Cube Roots.
May - June	<ul style="list-style-type: none"> ➤ Cube and Cube Roots (Continued) ➤ Algebraic Expressions (Ex. 11 A, B) ➤ Understanding Shapes (Ex. 16 A, B, C) ➤ Sets.
July (1 st week)	Revision <u>Unit Test</u> : <ul style="list-style-type: none"> ➤ Rational Numbers ➤ Squares and Squares Roots.
2 nd Term	
July – August	<ul style="list-style-type: none"> ➤ Percent Percentage ➤ Profit, Loss and Discount ➤ Algebraic Expressions (Ex. 11 C, D, E) ➤ Identities (Ex. 12 A, B).
September	<ul style="list-style-type: none"> ➤ Special Types of Quadrilaterals ➤ Area of Trapezium and Polygon <u>Revision Chapters</u> : Square and Square Roots and Algebraic Expressions (Ex. 11 A, B) <u>Unit Test</u> : <ul style="list-style-type: none"> ➤ Percent and Percentage ➤ Algebraic Expressions (Ex. 11 C).

3 rd Term	
October – November	<ul style="list-style-type: none"> ➤ Interest ➤ Direct and Indirect Variation ➤ Factorization ➤ Linear Equation in One Variable.
December	<ul style="list-style-type: none"> ➤ Linear Inequation ➤ Representing 3-D in 2-D ➤ Surface Area, Volume and Capacity ➤ Data Handling.
January – February	<ul style="list-style-type: none"> ➤ Data Handling (Continued) ➤ Probability ➤ Construction <p><u>Revision Chapters:</u> Exponents, Factorization</p> <p><u>Unit Test :</u></p> <ul style="list-style-type: none"> ➤ Interest (S.I) ➤ .Linear Equation.

Physics

1 st Term	
Months	Chapters
March - April	<ul style="list-style-type: none"> ➤ Physical Quantities and Measurement
May - June	<ul style="list-style-type: none"> ➤ Motion ➤ Energy (Page No. 41 Upto Kinetic energy)
July (1 st week)	<p>Revision</p> <p><u>Unit Test :</u></p> <ul style="list-style-type: none"> ➤ Physical Quantities and Measurement (Page No. 1 to 11)
2 nd Term	
July – August	<ul style="list-style-type: none"> ➤ Energy (Continued) ➤ Light Energy
September	<ul style="list-style-type: none"> ➤ Heat (Page No. 77 Upto Application of Conductors and Insulators In Daily Life). <p><u>Unit Test :</u></p> <ul style="list-style-type: none"> ➤ Light Energy (Upto Page No.57 Uses of Plane Mirror)
3 rd Term	
October – November	<ul style="list-style-type: none"> ➤ Heat (Continued) ➤ Sound
December	Electricity and Magnetism
January – February	<p>Electricity and Magnetism (Continued)</p> <p>Revision</p> <p><u>Unit Test :</u></p> <p>Sound (Page No. 97 .Upto Infrasonic and Subsonic Sound)</p>

Chemistry.

1 st Term	
Months	Chapters
March - April	<ul style="list-style-type: none"> • Matter • Physical and Chemical Change
May - June	<ul style="list-style-type: none"> • Language of Chemistry [Project: Symbols and Formulas]
July (1 st week)	Revision
2 nd Term	
July - August	<ul style="list-style-type: none"> • Atomic structure
September	<ul style="list-style-type: none"> • Element, Compound and Mixture • Revision
3 rd Term	
October - November	<ul style="list-style-type: none"> • Metal and Non-metal
December	<ul style="list-style-type: none"> • Air and Atmosphere
January - February	<ul style="list-style-type: none"> • Air and Atmosphere [cont.] • Revision

Biology

MONTHS	CHAPTERS
MARCH- APRIL	PLANTS & ANIMALS
MAY-JUNE	CLASSIFICATION OF PLANTS
JULY(1 ST WEEK)	REVISION
2 ND TERM	
JULY- AUG	CLASSIFICATION OF ANIMALS
SEPTEMBER	<ul style="list-style-type: none"> • PHOTOSYNTHESIS & RESPIRATION • CLASSIFICATION OF PLANTS (REVISION)
3 RD TERM	
OCT-NOV	EXCRETION IN HUMANS
DECEMBER	NERVOUS SYSTEM
JAN-FEB	DISEASES AND HYGIENE LEAF

Hist/civ

1 st term
Ch-1. Rise and spread of Christianity(History)
Ch-2. Rise and spread of Islam(History)
Ch-1. The Constitution of India(Civics)
Ch-2. Directive principles of State Policy(Civics)
Revision
2 nd term
Ch-3. The Delhi Sultanate(History)
Ch-4. The Bahmani and Vijaynagar kingdoms(History)
Ch-1. The Constitution of India(Revision) + Revision

3 rd term
Ch-5. Foundation of the Mughal Empire(History)
Ch-6. The Mughal Empire after Akbar(History)
Ch-7. The making of a Composite Culture(History)
Ch-2. Directive principles of state policy(Revision)+ Revision

Geography

1 st term
Ch 1 Representation of Geographical features.
Ch 7 Europe – Location and physical features.
Ch 7 Europe – Location and physical features.(Continue)
Map – Europe (Physical and Political)
Revision
2 nd term
Ch 2 Atmosphere
Ch 9 Africa : Location and physical features
Map – Africa (Physical and Political)
3 rd term
Ch 5 Industries
Ch 11 Australia : Location, Physical features and Climate
Map – Australia (Physical and Political)
Ch 13 Antarctica
Revision

Computer

Months Name	Chapters	Terminal
March – April	<p>Chapter – COMPUTER – HARDWARE COMPONENTS OF A COMPUTER</p> <ul style="list-style-type: none"> ➤ External Hardware Components ➤ Internal Hardware Components ➤ Differences between External and Internal Hardware Components <p>Chapter – NUMBER SYSTEMS</p> <ul style="list-style-type: none"> ➤ Types of Number Systems ➤ Conversion of Decimal Number into Binary Number ➤ Conversion of Binary Number into Decimal Number ➤ Computer Arithmetic <p>Chapter – Algorithms based on Number System (Total – 10 Algorithms)</p>	1 st Terminal
May – June	<p>Chapter – MALICIOUS SOFTWARE</p> <ul style="list-style-type: none"> ➤ Computer Virus ➤ Symptoms of Virus Attack ➤ Types Of Viruses ➤ Malware and Antivirus Software 	
July(1 st week)	Revision	

July-August	Chapter – ETHICS AND SAFETY MEASURES IN COMPUTING <ul style="list-style-type: none"> ➤ Ethics in Computing ➤ Internet Ethics ➤ Unethical Practices ➤ Digital Footprints ➤ Safety measures 	2nd Terminal
September	Chapter – INTRODUCTION TO MS EXCEL 2013 <ul style="list-style-type: none"> ➤ Starting Microsoft Excel 2013 ➤ Differences between a Workbook And Worksheet ➤ Parts of a Worksheet ➤ Data types in Excel ➤ Entering Data And Types Of Data ➤ Performing Calculations ➤ Working With Worksheet ➤ Saving A Workbook Chapter – Algorithms (Total – 10 Algorithms) Revision	

Art

1st Term	
Months	Chapters
March - April	Still life, flower study
May - June	Bird study, animal study
July (1 st week)	Revision
2nd Term	
July - August	Landscape, human anatomy
September	Body parts Revision
3rd Term	
October - November	Figure composition, village scene
December	Karma puja festival
January - February	Pongal festival, cartoon drawing

Gk

1st Term	
Months	Chapters
March - April	CH- 1 TO 10 QUESTIONS ON GENERAL AWARENESS
May - June	CH- 11 TO 16 QUESTIONS ON CURRENT AFFAIRS
July (1 st week)	Revision
2nd Term	
July - August	CH – 17 TO 25 QUESTIONS ON GENERAL AWARENESS
September	CH – 26 TO 30 QUESTIONS ON CURRENT AFFAIRS
3rd Term	
October - November	CH – 31 TO 38

	QUESTIONS ON GENERAL AWARENESS
December	CH – 39 TO 42 QUESTIONS ON CURRENT AFFAIRS
January - February	CH – 43 TO 46 QUESTIONS ON CURRENT AFFAIRS