



D.A.V NANDRAJ PUBLIC SCHOOL

Marwari Arogya Bhawan No- 3, Bariatu, Ranchi

SYLLABUS: 2024-25

Class	X	Subject	ENGLISH
Prescribed Books	<ul style="list-style-type: none">• FIRST FLIGHT• FOOT PRINTS		

Month	Days	Topic
April	24	<p>PROSE(FIRST FLIGHT):</p> <ul style="list-style-type: none">• A Letter to God• Nelson Mandela• Two Stories about Flying Part -I <p>POEM:</p> <ul style="list-style-type: none">• DUST OF SNOW• FIRE AND ICE• A TIGER IN THE ZOO <p>PROSE (FOOTPRINTS):</p> <ul style="list-style-type: none">• A TRIUMPH OF SURGERY <p>WRITING:</p> <ul style="list-style-type: none">• LETTER TO THE EDITOR• ANALYTICAL PARAGRAPH <p>GRAMMAR</p> <ul style="list-style-type: none">• (TENSES)
May	13	<p>PROSE(FIRST FLIGHT):</p> <ul style="list-style-type: none">• TWO STORIES ABOUT FLYING PART- II <p>POEM:</p> <ul style="list-style-type: none">• HOW TO TELL WILD ANIMALS• THE BALL POEM• AMANDA <p>PROSE (FOOTPRINTS):</p> <ul style="list-style-type: none">• THE THIEF'S STORY• THE MIDNIGHT VISITOR
June	20	<p>PROSE(FIRST FLIGHT):</p> <ul style="list-style-type: none">• FROM THE DIARY OF ANNE FRANK• GLIMPSES OF INDIA PART - I AND PART - II <p>POEM:</p> <ul style="list-style-type: none">• THE TREES <p>PROSE (FOOTPRINTS):</p> <ul style="list-style-type: none">• A QUESTION OF TRUST <p>WRITING:</p> <ul style="list-style-type: none">• LETTER OF ENQUIRY <p>GRAMMAR</p> <ul style="list-style-type: none">• SUBJECT VERB CONCORD

<p style="text-align: center;">July</p>	<p style="text-align: center;">26</p>	<p>PROSE(FIRST FLIGHT):</p> <ul style="list-style-type: none"> • GLIMPSES OF INDIA PART - III • MIJBIL THE OTTER <p>PROSE (FOOTPRINTS):</p> <ul style="list-style-type: none"> • FOOTPRINTS WITHOUT FEET • THE MAKING OF A SCIENTIST <p>WRITING:</p> <ul style="list-style-type: none"> • LETTER FOR PLACING ORDER AND OFFICIAL ----- LETTER <p>GRAMMAR</p> <ul style="list-style-type: none"> • REPORTED SPEECH
<p style="text-align: center;">August</p>	<p style="text-align: center;">23</p>	<p>PROSE(FIRST FLIGHT):</p> <ul style="list-style-type: none"> • MADAM RIDES THE BUS • THE SERMON AT BENARAS <p>POEM:</p> <ul style="list-style-type: none"> • FOG <p>PROSE (FOOTPRINTS):</p> <ul style="list-style-type: none"> • THE NECKLACE • BHOLI <p>GRAMMAR</p> <ul style="list-style-type: none"> • MODALS and DETERMINERS
<p style="text-align: center;">September</p>	<p style="text-align: center;">08</p>	<p>POEM:</p> <ul style="list-style-type: none"> • THE TALE OF CUSTARD THE DRAGON
<p style="text-align: center;">October</p>	<p style="text-align: center;">23</p>	<p>PROSE(FIRST FLIGHT):</p> <ul style="list-style-type: none"> • THE PROPOSAL <p>POEM:</p> <ul style="list-style-type: none"> • FOR ANNE GREGORY <p>PROSE (FOOTPRINTS):</p> <ul style="list-style-type: none"> • THE BOOK THAT SAVED THE EARTH

Portion for Examination

Unit Test – I

PROSE:

1. A LETTER TO GOD

POEM:

1. DUST OF SNOW
2. FIRE AND ICE

FOOTPRINTS : (CH 1 : A TRIUMPH OF SURGERY)

GRAMMAR : TENSES

Half Yearly Examination

FIRST FLIGHT

PROSE : CH 1 TO CH 5

POEM : CH 1 TO CH 6

FOOTPRINTS :

CH1 TO CH 5

WRITING :

- LETTER TO THE EDITOR
- LETTER OF ENQUIRY
- LETTER FOR PLACING ORDER
- ANALYTICAL PARAGRAPH

GRAMMAR

- GAP FILLING
- EDITING
- TRANSFORMATION OF SENTENCES

Annual Examination

WHOLE SYLLABUS



D.A.V NANDRAJ PUBLIC SCHOOL

Marwari Arogya Bhawan No- 3, Bariatu, Ranchi

SYLLABUS: 2024-25

Class	X	Subject	HINDI
Prescribed Books	क्षितिज भाग - २ कृतिका भाग - २		

Month	Days	Topic
April	24	क्षितिज पाठ १-पद, पाठ १०-नेताजी का चश्मा ,व्याकरण-वाक्य (रचना के आधार पर भेद), वाच्य
May	13	क्षितिज पाठ ११-बालगोबिन भगत, कृतिका पाठ १- माता का अंचल
June	20	क्षितिज पाठ १२-लखनवी अंदाज, अनुच्छेद लेखन , पत्र लेखन, कृतिका पाठ ३-साना साना हाथ जोडि
July	26	पाठ २-राम लक्ष्मण परशुराम संवाद, पाठ ४-आत्मकथ्य, कृतिका पाठ ५-मैं क्यों लिखता हूँ , व्याकरण-पद परिचय, अलंकार (अर्थालंकार)
August	23	पाठ ५-उत्साह, अट नहीं रही, पाठ ६-यह दंतुरित मुसकान, फसल पाठ १४- एक कहानी यह भी लेखन-संदेश, ई-मेल
September	08	अर्द्धवार्षिक परीक्षा
October	23	क्षितिज पाठ ९-संगतकार, पाठ १६-नौबतखाने में इबादत, पाठ १७-संस्कृति लेखन-स्ववृत्त लेखन , विज्ञापन

Portion for Examination

Unit Test – I	क्षितिज पाठ-१, १०, ११ व्याकरण-वाक्य, पत्र लेखन
Half Yearly Examination	क्षितिज पाठ-१, २, ४, ५, १०, ११, १२, १४ कृतिका पाठ- १, ३ व्याकरण-वाक्य, वाच्य, पद परिचय, अलंकार लेखन- अनुच्छेद, पत्र, ई-मेल, संदेश
Annual Examination	संपूर्ण पाठ्यक्रम



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SYLLABUS: 2024-25

Class	X	Subject	SANSKRIT
Prescribed Books	NCERT		

Month	Days	Topic
April	24	पाठ 1 :- शुचिपर्यावरणं :- संधि(व्यंजन संधि-वर्गीय प्रथम वर्णस्य तृतीय वर्णे परिवर्तनम् , प्रथम वर्णस्य पंचम वर्णेपरिवर्तनम्,संकेतआधारित औपचारिक अथवा अनौपचारिक पत्र लेखनम् प्रश्न निर्माणं पाठ 2 :- बुद्धिर्बलवती सदा :-
May	13	पाठ 4:- शिशु लालनम् विसर्ग सांध – विसर्गस्य उत्त्वम्, रत्वम् विसर्ग लोपः, विसर्गस्थाने सःशुष, चिलाधारित वर्णनम् अथवा अनुच्छेद लेखनम्
June	20	पाठ-5 :- जननी तुल्य वत्सला समास-तत्पुरुष ,बहुव्रीहि अव्ययीभाव (अनु,उप,सह,निर्, प्रति,यथा) द्वन्द्व(इतरेतर)
July	26	पाठ-6सुभाषितानि पाठ 7-सौहार्दप्रकृतेः शोभा। हिंदी भाषायां,आंग्लभाषायांवा लिखितानां,पंच सरल वाक्याम् संस्कृत भाषायांअनुवादः प्रत्ययाः-तद्धिताः-मतुप्,ठक्,त्व,तल्ख स्त्री प्रत्ययौ-टाप,डीप्
August	23	पाठ-8 विचित्रःसाक्षी पाठ 9-सूक्तयः वाच्य परिवर्तनम्-केवल लट्लकारे(कर्तृ,कर्म, क्रिया) समय-अंकानां शब्देषु समय लेखनम् अव्ययपदानि -उच्चै,श्व,ह्य,अद्य,तत्र,अत्र,यंत्र,कुत्र,इदानीम्,यदा,कदा, तदा,सहसा,वृथा,शनैः,अपि,कुतः,इतस्ततःयदि,तर्हि,यावत्, तावत्
September	08	अर्द्ध वार्षिक परीक्षा
October	23	पाठ 12 :- अशुद्धि संशोधनम्

Portion for Examination

Unit Test – I	पाठ 1 :- शुचिपर्यावरण पाठ 2 :- बुद्धिर्बलवती सदा :- संधि(व्यंजन संधि-वर्गीय प्रथम वर्णस्य तृतीय वर्णे परिवर्तनम् , प्रथम वर्णस्य पंचम वर्णेपरिवर्तनम्,संकेतआधारित औपचारिक अथवा अनौपचारिक पत्र लेखनम् प्रश्न निर्माणं
Half Yearly Examination	पाठ 1 - पाठ7-
Annual Examination	पाठ 1 - पाठ 12



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Marwari Arogya Bhawan No- 3, Bariatu, Ranchi

SYLLABUS: 2024-25

Class	X	Subject	Mathematics
Prescribed Books	MATHEMATICS Textbook for Class X (NCERT)		

Month	Days	Topic
April	24	Ch. 1 Real Numbers Ch. 2 Polynomials Ch. 3 Pair of Linear Equations in Two Variables
May	13	Ch. 4 Quadratic Equations Ch. 5 Arithmetic Progressions
June	20	Ch. 6 Triangles Ch. 7 Coordinate Geometry
July	26	Ch. 8 Introduction to Trigonometry Ch. 9 Some Applications of Trigonometry
August	23	Ch. 10 Circles Ch. 12 Areas Related to Circles Ch. 13 Surface Areas and Volumes
September	08	Revision and Half Yearly Examination
October	10	Ch. 14 Statistics Ch. 15 Probability

Portion for Examination

Unit Test – I	Chapter 2 Polynomials Chapter 3 Pair of Linear Equation in Two Variables Chapter 5 Arithmetic Progressions
Half Yearly Examination	Chapter 1 Real Numbers Chapter 2 Polynomial Chapter 3 Pair of Linear Equations in Two Variables Chapter 4 Quadratic Equations Chapter 5 Arithmetic Progressions Chapter 6 Triangles Chapter 7 Coordinate Geometry Chapter 8 Introduction to Trigonometry Chapter 9 Some Applications of Trigonometry
Annual Examination	Whole Syllabus



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SYLLABUS: 2024-25

Class	X	Subject	Physics
Prescribed Books	NCERT – Science For Class X		

Month	Days	Topic
April	24	Ch:9 – Light : Reflection and Refraction Introduction, Reflection of Light, Types of Mirror, Image Formation by Spherical Mirrors, Mirror Formula and Magnification.
May	13	Ch 9 – Light Reflection and Refraction (continue) Refraction, Laws of Refraction. Refractive Index Lens, Image Formation by Lenses, Lens Formula Magnification, Power of a lens, In text and Exercise Questions
June	20	Ch :10 – Human Eye and The Colourful World Introduction, Power of Accommodation, Defects of vision and their correction, Refraction of light through a Prism, Dispersion of white light, Atmospheric Refraction, Scattering of light, Intext and Exercise questions.
July	26	Ch 11 : Electricity Electric current and potential differences, Electric Circuit Ohm's Law Resistance, Resistivity, Combination of Resistors, Heating effect of Electric Current.
August	23	Ch 11: Electricity (continue....) Electric Power, relation between P, V, I and R , Intext and Exercise questions Chapter 12 : Magnetic Effects of Electric Current Introduction, Magnetic Field, Magnetic Field Lines, properties of Magnetic Field Lines.
September	08	Revision
October	23	Ch 12 – Magnetic Effects of Electric Current Magnetic Field due to a current carrying conductor ,Maxwell's Right Hand Thumb Rule Magnetic Field due to a current carrying conductor through a straight conductor, circular loop, in a solenoid, Electromagnet Force on a current carrying conductor in a magnetic field, Fleming's Left Hand Rule, Direct current and Alternating current, Domestic Electric Circuit Intext and Exercise questions



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SYLLABUS: 2024-25

Class	X	Subject	CHEMISTRY
Prescribed Books	Science For Class X (NCERT)		

Month	Days	Topic
April	24	Ch: 1 Chemical Reactions and Equations Introduction, Chemical Equations, Balancing Implications, Types of chemical Reactions ,Corrosion Rancidity, In text and Exercise question
May	13	Chapter: 2 – Acids, Bases and Salts Indicators ,Classification ,Properties ,Uses
June	20	Chapter : 2 Acid, Bases and salts (continue..) PH Scale ,Salt & Chemicals from salts, Crystallisation, In text and Exercise questions
July	26	Chapter: 3 – Metals and Non-metals Physical Properties and Chemical Properties, Reactivity Series, Ionic & Covalent Bond
August	23	Chapter : 3 Metals and Non –metals (continue..) Mineral & Ores, Extraction , Corrosion Exercise and Intext questions
September	08	Half Yearly Exam + Revision work
October	23	Chapter : 4 Carbon and its Compounds Bonding in Carbon – The Covalent Bond, Versatile Nature Of Carbon, Nomenclature of Carbon Compounds. Properties , Soap & Detergents Exercise and intext questions



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Class	X	Subject	BIOLOGY
Prescribed Books	NCERT		

Month	Days	Topic
April	24	Ch 5 – Life Process Nutrition – Autotrophic & Heterotrophic Nutrition, Nutrition in Human Beings, Respiration, Transportation
May	13	Ch 5– Life Process Transportation in human beings and plants ,Excretion in human beings and plants Ch 6 –Control and co- ordination Nervous system ,Reflex Action
June	20	Ch 6 – Control and co-ordination Human Brain ,Co-ordination in plants ,Hormones in Animals
July	26	Ch 7– How do Organisms Reproduce? Variation and importance ,Mode of Reproduction - Asexual and Sexual ,Asexual Reproduction and vegetative propagation, Sexual Reproduction – Plants and Human Beings, Reproductive health
August	23	Chapter: 8– Heredity and Evolution Accumulation of variation ,Heredity – Mendel’s Law, Sex Determination
September	08	Revision work , Half Yearly Examination
October	23	Ch- 13 Our Environment Eco – System, Food Chain and Webs, Environmental pollution Ozone layer depletion, Garbage Management

Portion for Examination (SCIENCE)

Unit Test – I	PHYSICS : Chapter 9 –(Light : Reflection and Refraction) CHEMISTRY: Chapter 1 Chemical Reactions and Equations. BIOLOGY : Chapter 5 Life processes
Half Yearly Examination	PHYSICS : Chapter 9 & 10 CHEMISTRY : Chapter 1 & 2 BIOLOGY : Chapter 5 & 6
Annual Examination	Whole Syllabus



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SYLLABUS: 2024-25

Class	X	Subject	S.ST(HISTORY)
Prescribed Books	India & The Contemporary World – II (NCERT)		

Month	Days	Topic
April	24	Chapter: I – The Rise of Nationalism in Europe The French Revolution and the idea of the Nation ,The making of nationalism in Europe The Age of Revolutions: 1830 – 1848,The Making of Germany and Italy ,Visualizing and Imperialism
May	13	Chapter: II – Nationalism in India The First World War, Khilafat and Non-Cooperation Movement ,Differing strands within the movement ,
June	20	Chapter: II – Nationalism in India (CONT....) Towards Civil Disobedience, The sense of collective belonging
July	26	Chapter :III – The Making of a Global World (Till 1.3) The pre –modern world, The 19 th Century, The Inter-war Economy
August	23	Chapter: IV – The Age of Industrialization (Internal Assessment only) Before the Industrial Revolution , Hand Labour and Steam Power, Industrialization in the colonies ,Factories come up ,Peculiarities of Industrial Growth ,Market for Goods
September	08	HALF YEARLY EXAM
October	23	Chapter: V– Print Culture and the Modern World The First Printed Books ,Print comes to Europe, The Print Revolution and its Impacts The Reading Mania .The Nineteenth Century ,India and the World of Print ,Religious Reforms and Public Debates ,New Forms of Publication Print and Censorship



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SYLLABUS: 2024-25

Class	X	Subject	S.ST(GEOGRAPHY)
Prescribed Books	Contemporary India – II (NCERT)		

Month	Days	Topic
April	24	Chapter: 1 – Resources and Development Types of Resources ,Resource Planning in India, Land Resources ,Land Degradation and Conservation measures ,Soil as a Resource, Classification of soils ,Soil Erosion and soil conservation
May	13	Chapter: 2 – Forest and Wildlife
June	20	Chapter: 3 – Water Resources
July	26	Chapter: 4 – Agriculture Types of Farming ,Cropping Pattern, Major crops,Technological and Institutional Reforms Impact of Globalisation on Agriculture
August	23	Chapter: 5 – Minerals and Energy Resources What are minerals,Mode of occurrence of minerals ,Ferrous and Non-Ferrous minerals ,Non- metallic minerals Chapter: 6 – Manufacturing Industries Importance of manufacturing ,Industrial location ,Classification of Industries
September	08	Revision and Half – Yearly Exam
October	23	Chapter: 7 – Life Lines of National Economy Transport – Roadways, Railways, Pipelines, Waterways, Airways,Communication International Trade,Tourism as a Trade



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SYLLABUS: 2024-25

Class	X	Subject	S.ST(POLITICAL SCIENCE)
Prescribed Books	Democratic Politics – II		

Month	Days	Topic
April	24	Chapter: 1 – Power Sharing Case studies of Belgium and Srilanka, Why power sharing is desirable?, Forms of power sharing
May	13	Chapter:2 - Federalism What is Federalism?, What makes India a Federal Country?,
June	20	Chapter:2 - Federalism (CONT... ..) How is Federalism practiced? Decentralization in India
July	26	Chapter: 3 – Gender Religion and Caste Gender and Politics ,Religion Communalism and politics, Caste and politics
August	23	Chapter: 4 – Political Parties Why do we need political parties?, How many political parties should we have? ,National Political Parties ,State Parties ,Challenges to Political Parties ,How can parties be reformed?
September	08	Revision and Half Yearly Examination
October	23	Chapter: 5 – Outcomes of Democracy How do we assess democracy's outcomes? Accountable, responsive and legitimate government Economic growth and development ,Reduction of inequality and poverty Accommodation of social diversity ,Dignity and freedom of the citizens



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SYLLABUS: 2024-25

Class	X	Subject	S.ST(ECONOMICS)
Prescribed Books	Understanding Economic Development (NCERT)		

Month	Days	Topic
April	24	Chapter: 1 – Development What Development Promises ,Income and Other Goals, National Development How to compare different countries or states? ,Income and other criteria Public Facilities ,Sustainability of Development
May	13	Chapter: 2 – Sectors of the Indian Economy Sectors of Economic Activities ,Comparing the three Sectors ,Primary , Secondary and Tertiary Sectors in India ,Division of sectors as organized and unorganized Sectors in terms of ownership: Public and Private Sectors
June	20	Chapter: 2 – Sectors of the Indian Economy Sectors of Economic Activities ,Comparing the three Sectors ,Primary , Secondary and Tertiary Sectors in India ,Division of sectors as organized and unorganized Sectors in terms of ownership: Public and Private Sectors
July	26	Chapter: 3 – Money and Credit Money as a medium of exchange ,Modern forms of money, Loan activities of Banks ,Two different credit situations ,Terms of credit ,Formal sector credit in India ,Self Help Groups for the Poor
August	23	Chapter: 3 – Money and Credit Money as a medium of exchange ,Modern forms of money, Loan activities of Banks ,Two different credit situations ,Terms of credit ,Formal sector credit in India ,Self Help Groups for the Poor
September	08	Revision and Half Yearly Examination
October	23	Chapter: 4 – Globalization and the Indian Economy Production across countries , Interlinking production across countries ,Foreign Trade and integration of markets ,What is Globalization? ,Factors that have enabled Globalization World Trade Organisation, Impact of Globalization in India ,The struggle for a fair Globalization

Portion for Examination (S.ST)

Unit Test – I	History : Chapter 1 Geography : Chapter 1 Political Science : Chapter 1 Economics : Chapter 1
Half Yearly Examination	History : Chapter 1,2,3 Geography : Chapter 1,2,3,4 Political Science : Chapter 1,2,3 Economics : Chapter 1,2,3
Annual Examination	Whole Syllabus



D.A.V NANDRAJ PUBLIC SCHOOL

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SYLLABUS: 2024-25

Class	X	Subject	IT
Prescribed Books	Information Technology (MICA EDUCO.) Subject Code : 402		

Month	Days	Topic
April	24	<ul style="list-style-type: none">• Effective Communication Skills• Self-Management-2• More On Digital Documentation
May	13	<ul style="list-style-type: none">• More On Digital Documentation (cont.)
June	20	<ul style="list-style-type: none">• Features of Spreadsheet• More about Spreadsheet
July	26	<ul style="list-style-type: none">• Database Management• Database & Relationships
August	23	<ul style="list-style-type: none">• More On Database
September	08	<ul style="list-style-type: none">• Web Security• Workplace Safety
October	23	<ul style="list-style-type: none">• ICT Skills-2• Entrepreneurship skills-2• Green Skills

Portion for Examination

Unit Test – I	<ul style="list-style-type: none">• Effective Communication Skills• Self-Management• More On Digital Documentation
Half Yearly Examination	<ul style="list-style-type: none">• Effective Communication Skills• Self-Management-2• More On Digital Documentation• Features of Spreadsheet• More about Spreadsheet• Database Management• Database & Relationships• More On Database
Annual Examination	Whole Syllabus