



MAHATMA N.D. GROVER DAV PUBLIC SCHOOL

NH-33, GOSAINDIH, BUNDU, RANCHI, JHARKHAND
AFFILIATED TO CBSE, NEW DELHI | AFFILIATION NO : 3430692

MANAGED BY : ARYA GYAN PRACHAR SAMITI, RANCHI

SYLLABUS

(Session : 2026-27)

Class XII



KNOWLEDGE
Our Foundation



VALUES
Our Strength



DISCIPLINE
Our Path



EXCELLENCE
Our Goal



MAHATMA N.D. GROVER DAV PUBLIC SCHOOL

NH-33, GOSINDIH, BUNDU



SYLLABUS: 2026-27

Class	XII	Subject	ENGLISH
Prescribed Books	FLAMINGO & VISTAS		

Month	Days	Topic
April	24	• The Last lesson • My Mother at Sixty-Six (Poem) • The Third Level • Notice Writing
May	20	• Lost spring • Deep Water • The Tiger King
June	13	• Keeping Quiet (poem) • The Rattrap • Journey to The End of the Earth • Letter to the Editor
July	23	• Indigo • A Thing of Beauty (Poem) • The Enemy • Invitation writing
August	25	• Poets and Pancakes • A Roadside Stand (Poem) • On the face of it • Article Writing
September	7	The Interview Job Application
October	21	• Going Places • Memories of Childhood • Report Writing • Aunt Jennifer's Tigers (Poem)

Portion for Examination (ENGLISH)	
Unit Test – I	<u>FLAMINGO</u> • The Last lesson • My Mother at Sixty Six <u>VISTAS</u> • The Third Level <u>WRITING</u> • Notice Writing
Half Yearly Examination	<u>FLAMINGO</u> • The Last Lesson • Lost Spring • Deep Water • The Rattrap • Indigo <u>POEM</u> • My mother at Sixty Six • Keeping Quiet • A Thing of Beauty <u>VISTAS</u> • The Third Level • The Tiger King • Journey to The End of the Earth <u>WRITING</u> • Notice Writing • Invitation • Letter to the Editor • Article writing
Pre Board Examination	Whole Syllabus



MAHATMA N.D. GROVER DAV PUBLIC SCHOOL

NH-33, GOISAINDIH, BUNDU, RANCHI



SYLLABUS: 2026-27

Class	XII	Subject	PHYSICS
Prescribed Books	NCERT		

Month	Days	Topic
April	24	Unit-I Electrostatics Chapter-1: Electric Charges and Fields Chapter-2: Electrostatic Potential and Capacitance
May	20	Unit-II Current Electricity Chapter-3: Current Electricity
June	13	Unit-III Magnetic Effects of Current and Magnetism Chapter-4: Moving Charges and Magnetism Chapter-5: Magnetism and Matter Unit-IV Electromagnetic Induction and Alternating Currents Chapter-6: Electromagnetic Induction
July	23	Chapter-7: Alternating Current Unit-V Electromagnetic Waves Chapter-8: Electromagnetic Waves Unit-VI Optics Chapter-9: Ray Optics and Optical Instruments
August	25	Chapter-10: Wave Optics Unit-VII Dual Nature of Radiation and Matter Chapter-11: Dual Nature of Radiation and Matter Unit-VIII Atoms and Nuclei Chapter-12: Atoms
September	7	Half Yearly Examination
October	21	Chapter-13: Nuclei Unit-IX Electronic Devices Chapter-14: Semiconductor Electronics: Materials, Devices and Simple Circuits

Portion for Examination (PHYSICS)	
Unit Test-I	Chapter 1,2
Half Yearly Examination	Chapter 1,2,3,4,5,6,7
Pre Board Examination	Whole Syllabus



MAHATMA N.D. GROVER DAV PUBLIC SCHOOL

NH-33, GOISAINDIH, BUNDU, RANCHI



SYLLABUS: 2026-27

Class	XII	Subject	CHEMISTRY
Prescribed Books	NCERT		

Month	Days	Topic
April	24	Ch 1. Solution Ch 2. Electrochemistry
May	20	Ch3. Chemical kinetics
June	13	Ch4. d-and f-block elements Ch5. Co-ordination compound
July	23	Ch6. Haloalkanes and Haloarenes, Ch7. Alcohol, phenols and ethers,
August	25	Ch8. Aldehydes, Ketones and Carboxylic acids
September	7	Ch9. Amines
October	21	Ch10. Biomolecules

Portion for Examination (CHEMISTRY)	
Unit Test- I	Ch1. Solution, Ch2. Electrochemistry
Half Yearly Examination	Ch1 to Ch 5
Pre Board Examination	Whole Syllabus



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SYLLABUS: 2026-27

Class	XII	Subject	MATHEMATICS
Prescribed Books	NCERT		

Month	Days	Topic
April	24	Ch01→Relations and Functions Ch02→Inverse Trigonometric Functions
May	20	Ch 03→Matrices
June	13	Ch04→Determinants Ch05→Continuity and Differentiability Ch 06 → Application of derivatives
July	23	Ch 07→Integrals Ch08→ Applications of the Integrals
August	25	Ch09→Differential equations Ch 10→Vector Algebra Ch11→Three-Dimensional Geometry
September	7	Revision and half yearly examination
October	21	Ch 12→Linear Programming Ch 13→Probability

Portion for Examination (MATHEMATICS)	
Unit Test- I	Chapter1,2,3
Half Yearly Examination	Chapter1,2,3,4,5,6
Unit Test- II	Pre board
Pre Board Examination	Whole Syllabus



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NH-33, GOISAINDIH, BUNDU, RANCHI



SYLLABUS: 2026-27

Class	XII	Subject	BIOLOGY
Prescribed Books	NCERT		

Month	Days	Topic
April	24	Chapter1: Sexual Reproduction in Flowering Plants Chapter 2: Human Reproduction
May	20	Chapter3: Reproductive Health Chapter4: Principles Of Inheritance and Variation
June	13	Chapter4: Principles of inheritance and variation (Contd) Chapter5: Molecular Basis of Inheritance
July	23	Chapter6: Evolution Chapter7: Human Health and Disease
August	25	Chapter 8: Microbes in Human Welfare Chapter 9: Biotechnology-Principles and Process Chapter10: Biotechnology and it's applications
September	7	Chapter11: Organisms and Population
October	21	Chapter12: Ecosystem Chapter13: Biodiversity and Conservation

Portion for Examination (BIOLOGY)	
Unit Test- I	Chapter 2,3
Half Yearly Examination	Chapter1,2,3,4,5,6,7
Pre Board Examination	Whole syllabus



MAHATMA N.D. GROVER DAV PUBLIC SCHOOL

NH-33, GOISAINDIH, BUNDU, RANCHI



Class	XII	Subject	I.T. (802)
Prescribed Books	Information Technology (802) (S.K. Kataria & Sons)		

Month	Days	Topic
April	24	- Communication Skills-IV - Self-Management Skills-IV
May	20	- ICT Skills-IV - Entrepreneurial Skills-IV
June	13	- Green Skills-IV - Database Concepts-RDBMS Tools
July	23	- Operating Web Based Applications - Java Programming
August	25	Java Programming (Contd.)
September	7	Java Programming (Contd.)
October	21	Work Integrated Learning IT-DMA

Portion for Examination (I.T.)	
Unit Test- I	CHAPTERS/TOPICS: - Unit-1 Communication Skills-IV - Unit-2 Self-Management Skills-IV
Half Yearly Examination	- Communication Skills-IV - Self-Management Skills-IV - ICT Skills-IV - Entrepreneurial Skills-IV - Green Skills-IV - Database Concepts-RDBMS Tools - Operating Web Based Applications - Java Programming
Pre-Board Examination	Whole Syllabus



MAHATMA N.D GROVER DAV PUBLIC SCHOOL
NH-33, GOSINDIH, BUNDU, RANCHI

SYLLABUS: 2026-27

Class	XII	Subject	PHYSICAL EDUCATION
Prescribed Books	SARASWATI PUBLICATIONS		

Month	Days	Topic
April	24	Unit:1 MANAGEMENT OF SPORT INGEVENTS Functions of sports events management Various committees and the irresponsibility's Fixtures and their procedures Intramural and extramural tournaments Community sports program Unit:2 CHILDREN ANDWOMENIN SPORTS Exercise guide lines of WHO for different age groups. Common postural deformities Women's participation in sports Special consideration Female athlete trial.
May	20	Unit:3YOGA AS PREVENTIVE MEASURE FOR LIFE STYLE AND DISEASE Obesity Diabetes Asthma Hypertension Backpain and arthritis Unit:4 PHYSICAL EDUCATION AND SPORTS FOR CWSN Organization promoting disability sports Concept of classification and divisioning in sports Concept of inclusion in sports Advantages of physical activities for CWSN Strategies to make physical activities assessable for CWSN
June	13	Unit:5 SPORTS AND NUTRITION Concept of balanced diet and nutrition Macro and micro nutrients Nutritive and nonnutritive components of diet Eating for weight control Importance of diet in sports
July	23	Unit:6 TEST AND MEASUREMENT SINSPORTS Fitness test Measurement of cardio vascular fitness Computing basal metabolic rate (BMR) Rikli and Jones Johnsen-Metheny test of motor educability Unit:7 PHYSIOLOGY AND INJURIES IN SPORTS Physiological factors determining components of physical fitness Effects of exercise on muscular system Effects of exercise on cardio vascular system Physiological changes due to aging Sports injuries
August	25	Unit:8 BIOMECHANICS AND SPORTS Newton's laws of motion sandit's application in sports Types of levers and their application in sports Equilibrium Friction in sports Projectile in sports Unit:9 PHYSIOLOGYAND SPORTS Personality, Motivation, it's Types and techniques Exercise adherence Meaning, Concept and Types of aggression in sports Psychology attributes in sports

September	07	REVISION
October	21	Unit:10 TRAINING IN SPORTS Concept of talent identification and talent development Introduction to sports training cycle Types and methods to developed strength Types and methods to flexibility Circuit training

Portion for Examination (PHE)	
Unit Test– I	Unit:1 Management of sports events Unit:2 Children and women in sports
Half Yearly Examination	Unit:1,2,3,4,5
Pre Board Examination	Whole Syllabus



MAHATMA N.D. GROVER DAY PUBLIC SCHOOL

HOLIDAY LIST 2026– 27

MONTH	HOLIDAYS	DATE	DAY	NO. OF HOLIDAYS
APRIL, 2026	GOOD FRIDAY	03.04.2026	FRIDAY	01
	AMBEDKAR JAYANTI	14.04.2026	TUESDAY	01
MAY & JUNE 2026	BUDHH PURNIMA	01.05.2026	FRIDAY	01
	<u>SUMMER VACATION</u>			
	a. BALVATIKA (NUR-II)	19.05.2026 to 13.06.2026	TUESDAY to SATURDAY	25
	b. PREPARATORY STAGE(III-V)	23.05.2026 to 13.06.2026	SATURDAY to SATURDAY	21
	c. MIDDLE AND SECONDARY STAGE (VI-XII)	26.05.2026 to 13.06.2026	TUESDAY to SATURDAY	18
	MUHARRAM	26.06.2026	FRIDAY	01
JULY 2026	RATH YATRA	16.07.2026	THURSDAY	01
AUGUST 2026	RAKSHA BANDHAN	28.08.2026	FRIDAY	01
SEPTEMBER, 2026	JANMASHTAMI	04.09.2026	FRIDAY	01
	GANESH CHATURTHI	14.09.2026	MONDAY	01
	VISHWAKARMA PUJA	17.09.2026	THURSDAY	01
	KARMA PUJA	22.09.2026	TUESDAY	01
OCTOBER, 2026	GANDHI JAYANTI	02.10.2026	FRIDAY	01
	DURGA PUJA	17.10.2026 to 21.10.2026	SATURDAY to WEDNESDAY	05
NOVEMBER 2026	DEEPAWALI/GOVERDHAN PUJA/BHAI DOOJ/CHITRAGUPT PUJA/ CHHAT PUJA	09.11.2026 to 16.11.2026	MONDAY to MONDAY	08
	GURUNANAK JAYANTI	24.11.2026	TUESDAY	01
DECEMBER, 2026	CHRISTMAS	25.12.2026	FRIDAY	01
	WINTER BREAK	30.12.2026 to 02.01.2027	WEDNESDAY to SATURDAY	04
JANUARY, 2027	MAKAR SANKRANTI	15.01.2027	FRIDAY	01
FEBRUARY, 2027	BASANT PANCHAMI	11.02.2027	THURSDAY	01
MARCH, 2027	HOLI	22.03.2027 & 23.03.2027	MONDAY & TUESDAY	02



Our Motto

“तमसो मा ज्योतिर्गमय”

LEAD ME FROM DARKNESS TO LIGHT



KNOWLEDGE
Empowers
The Mind



VALUES
Build
Character



DISCIPLINE
Shapes
The Future



EXCELLENCE
Is Our
Tradition

FOLLOW US :



mndgdavps



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