



NEW ERA PUBLIC SCHOOL, PATNA

(Affiliated to CBSE, Delhi, 10+2 level)

SYLLABUS FOR SESSION 2026-2027

CLASS-10

SUBJECT – HINDI [हिन्दी]

TEXTBOOK: स्पर्श, भाग-2; संचयन, भाग-2
हिन्दी व्याकरण

S.NO	MONTH	TOPIC
1	अप्रैल (April)	<ul style="list-style-type: none">• पाठ्यपुस्तक - स्पर्श, भाग - 2• पद्य खंड- कबीर : साखी• गद्य – खंड- प्रेमचंद : बड़े भाई साहब• पूरक पाठ्यपुस्तक - संचयन, भाग-2- मिथिलेश्वर : हरिहर काका• हिन्दी व्याकरण- पदबंध
2	मई (May)	<ul style="list-style-type: none">• पाठ्यपुस्तक - स्पर्श, भाग - 2• पद्य खंड- मीरा : पद• गद्य – खंड- सीताराम सेकसरिया : डायरी का एक पन्ना• पूरक पाठ्यपुस्तक - संचयन, भाग-2- मिथिलेश्वर : हरिहर काका• हिन्दी व्याकरण- वाक्य रूपांतरण
PERIODIC TEST-1		
3	जून (JUNE)	<ul style="list-style-type: none">• पाठ्य पुस्तक-स्पर्श, भाग - 2• पद्य खंड- मैथिलीशरण गुप्त : मनुष्यता• हिन्दी व्याकरण- म्हावरे• रचनात्मक लेखन- अनुच्छेद लेखन
4	जुलाई (JULY)	<ul style="list-style-type: none">• पाठ्यपुस्तक - स्पर्श, भाग - 2• पद्य खंड- सुमित्रानंदन पंत : पर्वत प्रदेश में पावस• गद्य – खंड- लीलाधर मंडलोई : ततारा-वामीरो कथा• पूरकपाठ्यपुस्तक-संचयन, भाग-2- गुरदयाल सिंह : सपनों के-से दिन• हिन्दी व्याकरण - समास

5	अगस्त (AUGUST)	<p>पाठ्यपुस्तक-स्पर्श, भाग-2</p> <p>पद्य खंड</p> <p>- वीरेन डंगवाल : तोप</p> <p>गद्य – खंड</p> <p>- प्रहलाद अग्रवाल : तीसरी कसम के शिल्पकार शैलेंद्र</p> <p>पूरक पाठ्यपुस्तक - संचयन, भाग-2</p> <p>- गुरदयाल सिंह : सपनों के-से दिन</p> <p>रचनात्मक लेखन</p> <p>- सूचना लेखन</p> <p>- विज्ञापन लेखन</p>
PERIODIC TEST-2		
6	सितंबर (SEPTEMBER)	<p>• पाठ्यपुस्तक - स्पर्श, भाग-2</p> <p>पद्य खंड</p> <p>- कैफी आजमी : कर चले हम फ़िदा</p> <p>गद्य – खंड</p> <p>- प्रहलाद अग्रवाल : तीसरी कसम के शिल्पकार शैलेंद्र</p> <p>पूरक पाठ्यपुस्तक - संचयन, भाग-2</p> <p>- राही मासूम रज़ा : तोपी शुक्ला</p> <p>हिन्दी व्याकरण</p> <p>- समास</p>
MID-TERM EXAMINATION		
7	अक्टूबर (OCTOBER)	<p>पाठ्यपुस्तक - स्पर्श, भाग - 2</p> <p>पद्य खंड</p> <p>* रवींद्रनाथ ठाकुर : आत्मत्राण</p> <p>गद्य – खंड</p> <p>* निदा फ़ाज़ली : अब कहाँ दूसरों के दुख से दुखी होने वाले</p> <p>पूरक पाठ्यपुस्तक - संचयन, भाग-2</p> <p>* राही मासूम रज़ा : तोपी शुक्ला</p> <p>रचनात्मक लेखन</p> <p>* पत्र लेखन</p> <p>* ई-मेल लेखन</p>
8	नवंबर (NOVEMBER)	<p>पाठ्यपुस्तक - स्पर्श, भाग-2</p> <p>गद्य – खंड</p> <p>- रवाद्र कलकर - पतझर में टूटी पतियाँ:</p> <p>1. गिन्नी का सोना</p> <p>2. झेन की देन</p> <p>पूरक पाठ्यपुस्तक - संचयन, भाग-2</p> <p>* पठित पाठ का पुनरावलोकन</p> <p>रचनात्मक लेखन</p> <p>* लघुकथा लेखन</p>
PERIODIC TEST-3		
9	दिसंबर (DECEMBER)	<p>• पूरक पाठ्यपुस्तक- स्पर्श, भाग-2</p> <p>गद्य – खंड</p> <p>- हबीब तनवीर : कारतूस एकांकी</p> <p>• पठित काव्यांश (अभ्यास कार्य)</p> <p>• पठित गद्यांश (अभ्यास कार्य)</p>
10	जनवरी- मार्च (January-March)	<p>• पाठ पुनरावृत्ति</p> <p>• परीक्षा की तैयारी</p>
PRE- BOARDS & FINAL EXAMINATION		



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SYLLABUS FOR SESSION 2026-2027

CLASS-10

SUBJECT – ENGLISH

**TEXTBOOK: FIRST FLIGHT FOOTPRINT
WITHOUT FEET**

S.NO	MONTH	TOPIC
1	(April)	(FIRST FLIGHT) A LETTER TO GOD DUST & SNOW FIRE & ICE (GRAMMAR) TENSE
2	(May)	(FOOTPRINT) A TRIUMPH OF SURGERY (WRITING) LETTER TO EDITOR
PERIODIC TEST-1		
3	(JUNE)	(FIRST FLIGHT) NELSON MANDELA : LONG WALK TO FREEDOM (FOOTPRINT) THE THEIF'S STORY (GRAMMAR) MODALS
4	(JULY)	(FIRST FLIGHT) A TIGER IN THE ZOO TWO STORY ABOUT FLYING HOW TO TELL WILD ANIMALS THE BALL POEM (WRITING) LETTER TO PLACING ORDERS & REPLIES
5	(AUGUST)	(FIRST FLIGHT) FROM THE DIARY OF ANNE FRANK AMANDA GLIMPSES OF INDIA (GRAMMAR) SUBJECT-VERB AGREEMENT
PERIODIC TEST-2		
6	(SEPTEMBER)	(FOOTPRINT) THE MIDNIGHT VIDYOR A QUESTION OF TRUST FOOTPRINTS WITHOUT FEET (WRITING) COMPLAINT LETTER & ENQUIRY

MID-TERM EXAMINATION

7	(OCTOBER)	(FIRST FLIGHT) MIJBIL THE OTTER MADAM RIDES THE BUS THE TREES FOG THE MAKING OF SCIENTIST THE NECKLACE
8	(NOVEMBER)	(FIRST FLIGHT) THE SERMON AT BENERES THE TALE OF CUSTARD THE DRAGON FOR ANNE GREGORY THE PROPOSAL (GRAMMAR) NARRATION (WRITING) ANALYTICAL PARAGRAPH
PERIODIC TEST-3		
9	(DECEMBER)	(FOOTPRINT) BHOLI THE BOOK THAT SAVED THE EARTH (GRAMMAR) DETERMINERS REVISION FOR PRE-BOARD
10	(January-March)	REVISION FOR PRE-BOARD REVISION AND TEST
PRE- BOARDS & FINAL EXAMINATION		



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SYLLABUS FOR SESSION 2026-2027

CLASS-10

SUBJECT – SCIENCE(BIOLOGY)

TEXTBOOK: NCERT BOOK

S.NO	MONTH	TOPIC
1	(April)	[LIFE PROCESSES] NUTRITION, RESPIRATION
2	(May)	Circulation, Transportation in plants
PERIODIC TEST-1		
3	(JUNE)	Excretion in animals & plants.
4	(JULY)	[CONTROL & COORDINATION] NERVOUS SYSTEM <ul style="list-style-type: none">• Neuron• Brain• Spinal cord• Reflex action
5	(AUGUST)	<ul style="list-style-type: none">• Endocrine system• Movement in plants• Hormones of plants
PERIODIC TEST-2		
6	(SEPTEMBER)	[How do organism reproduce] <ul style="list-style-type: none">• Asexual reproduction• Sexual reproduction in flowering plant
MID-TERM EXAMINATION		
7	(OCTOBER)	<ul style="list-style-type: none">• Sexual reproduction in human [HEREDITY] <ul style="list-style-type: none">• Mendel's law
8	(NOVEMBER)	<ul style="list-style-type: none">• Sex determination [OUR ENVIRONMENT] <ul style="list-style-type: none">• Ecosystem and its components• Food chain, food web.
PERIODIC TEST-3		
9	(DECEMBER)	<ul style="list-style-type: none">• Ozone layer & its depletion• Waste management
10	(January-March)	<ul style="list-style-type: none">• REVISION FOR PRE-BOARD• REVISION AND TEST
PRE- BOARDS & FINAL EXAMINATION		



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SYLLABUS FOR SESSION 2026-2027

CLASS-10

SUBJECT – SCIENCE (CHEMISTRY)

TEXTBOOK: NCERT BOOK

S.NO	MONTH	TOPIC
1	APRIL	CHEMICAL REACTION AND EQUATION <ul style="list-style-type: none">• Chemical Reaction Introduction.• Characteristics of chemical Recⁿ :-• Chemical equation and it's type.• Balancing of chemical equation.• Types of chemical Reaction.<ul style="list-style-type: none">➤ Composition Reaction➤ Decomposition Reaction➤ Displacement Reaction➤ Double Displacement Reaction
2	MAY	<ul style="list-style-type: none">• Displacement reaction• Double displacement reaction➤ Redox Reaction➤ Endo thermic and Exothermic reaction➤ Oxidation in Our Daily life<ul style="list-style-type: none">• Rancidity• Corrosion• Combustion <p style="text-align: right;">Chapter Test</p>
PERIODIC TEST-1		
3	JUNE	ACID, BASE AND SALT <ul style="list-style-type: none">➤ Definition of Acid, Base and Slat.➤ Classification of acid on the basis of.<ul style="list-style-type: none">• Source• Strength• Concentration• Basicity.
4	JULY	<ul style="list-style-type: none">➤ Classification of base.➤ Classification of salt.➤ Indicators➤ Chemical Properties of acid and Base➤ PH Scale.➤ Salts and their type.<ul style="list-style-type: none">• Revision. <p style="text-align: right;">CHAPTER TEST</p>
5	AUGUST	METALS AND NON METALS <ul style="list-style-type: none">➤ Introduction➤ Elements and its Type.➤ Physical properties of metal and Non metal➤ How Metal and Non metal combine➤ Concept of Chemical Bonding.➤ Ionic bond formation
PERIODIC TEST-2		

6	SEPTEMBER	<ul style="list-style-type: none"> • Properties of Ionic compound. • Chemical Properties of metal. • Reaction with. <ol style="list-style-type: none"> 1. Air 2. Water 3. Acid 4. Salt • Metallurgy. • Corrosion
MID-TERM EXAMINATION		
7	OCTOBER	<p>CARBON AND IT'S COMPOUND</p> <ul style="list-style-type: none"> • Introduction • Properties of carbon • Hydrocarbon and its type • Homologous series. • Nomenclature of Hydrocarbon • Functional group and its Nomenclature • Isomerism and its types.
8	November	<ul style="list-style-type: none"> • Chemical Properties of carbon compound. • Properties of Alcohol and carboxylic acid. • Cleaning action of Soap.
PERIODIC TEST-3		
10	DECEMBER	REVISION
11	JANUARY-MARCH	<ul style="list-style-type: none"> • REVISION FOR PRE-BOARD • REVISION AND TEST
PRE- BOARDS & FINAL EXAMINATION		



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SYLLABUS FOR SESSION 2026-2027

CLASS-10

SUBJECT – SCIENCE (PHYSICS)

TEXTBOOK: NCERT BOOK

S.NO	MONTH	TOPIC
1	APRIL	<ul style="list-style-type: none">• Introduction to Class 10 Physics concepts• Light – Reflection of Light• Laws of reflection• Types of mirrors (plane and spherical)• Terms related to spherical mirrors: pole, principal axis, centre of curvature, radius of curvature, focus• Image formation by concave mirror• Image formation by convex mirror• Ray diagrams and basic examples
2	MAY	<ul style="list-style-type: none">• Mirror formula and sign convention• Magnification by mirrors• Numerical problems on mirrors• Applications of concave and convex mirrors• Introduction to refraction of light• Laws of refraction• Refractive index and optical density
PERIODIC TEST-1		
3	JUNE	<ul style="list-style-type: none">• Refraction through rectangular glass slab• Introduction to spherical lenses• Convex and concave lenses• Image formation by lenses• Ray diagrams for lenses• Lens formula and magnification• Power of a lens• Numerical problems
4	JULY	<ul style="list-style-type: none">• Human Eye and the Colourful World• Structure of the human eye• Power of accommodation• Defects of vision: myopia, hypermetropia, presbyopia• Correction of eye defects using lenses• Refraction through prism• Dispersion of white light• Rainbow formation
5	AUGUST	<ul style="list-style-type: none">• Electricity – electric charge and electric current• Electric potential and potential difference• Electric circuits and circuit symbols• Ohm's law• V-I characteristics graph

		<ul style="list-style-type: none"> Resistance and factors affecting resistance Resistivity and its applications
PERIODIC TEST-2		
6	SEPTEMBER	<ul style="list-style-type: none"> Combination of resistors in series Combination of resistors in parallel Calculation of equivalent resistance Numerical problems on resistors Electric power Heating effect of current Joule's law of heating Domestic electric circuits
MID-TERM EXAMINATION		
7	OCTOBER	<ul style="list-style-type: none"> Magnetic effects of electric current Magnetic field and magnetic field lines Magnetic field due to straight current-carrying conductor Right-hand thumb rule Magnetic field of circular loop Magnetic field of solenoid Electromagnets and applications
8	November	<ul style="list-style-type: none"> Force on current carrying conductor in magnetic field Fleming's left hand rule Electric motor – principle and working Electromagnetic induction Fleming's right hand rule Electric generator – principle and working Applications of electromagnetic induction Revision of all chapters and practice questions
PERIODIC TEST-3		
9	December	<ul style="list-style-type: none"> Revision
10	(January-March)	<ul style="list-style-type: none"> REVISION FOR PRE-BOARD REVISION AND TEST
PRE- BOARDS & FINAL EXAMINATION		



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SYLLABUS FOR SESSION 2026-2027

CLASS-10

SUBJECT – MATHEMATICS

TEXTBOOK: [NCERT/RSA] BOOK

S.NO	MONTH	TOPIC
1	(April)	<ul style="list-style-type: none">• Introduction to Trigo.• T-ratio of Specific \angles.• Trigonometric Identities.
2	(May)	<ul style="list-style-type: none">• T-Identities• Probability
PERIODIC TEST-1		
3	(JUNE)	<ul style="list-style-type: none">• Surface Area & Volume• Triangles
4	(JULY)	<ul style="list-style-type: none">• Circles• Pair of Linear Equation in two variables.• Triangles to be continued.
5	(AUGUST)	<ul style="list-style-type: none">• Real Numbers• Polynomials
PERIODIC TEST-2		
6	(SEPTEMBER)	<ul style="list-style-type: none">• Quadratic Equations
MID-TERM EXAMINATION		
7	(OCTOBER)	<ul style="list-style-type: none">• Arithmetic Progressions• Statistics
8	(NOVEMBER)	<ul style="list-style-type: none">• Area related to Circles• Co-ordinate Geometry
PERIODIC TEST-3		
9	(DECEMBER)	<ul style="list-style-type: none">• Left over syllabus if any till 1st week of Dec.• Revision
10	(January-March)	REVISION FOR PRE-BOARD REVISION AND TEST
PRE- BOARDS & FINAL EXAMINATION		



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SYLLABUS FOR SESSION 2026-2027

CLASS-10

SUBJECT – SOCIAL SCIENCE

TEXTBOOK: NCERT BOOK

S.NO	MONTH	TOPIC
1	APRIL	History , Chapter-1: The Rise of Nationalism in Europe, Geography , Chapter-1: Resources and Development, Pol.sci , Chapter -1: Power Sharing, Economics , Chapter - Development
2	MAY	History , Chapter - 1: The Rise of Nationalism in Europe, Geography , Chapter - 2: Forests and Wildlife Resources, Pol.sci , Chapter -2 Federalism, Economics , Chapter - Development
PERIODIC TEST-1		
3	JUNE	History , Chapter - 2: Nationalism in India, Geography , Chapter - 3, Water Resources, Pol.sci , Chapter - 3: Gender, religion and Cast, Economics , Chapter - 2: Sectors of Indian economy
4	JULY	History , Chapter - 2: Nationalism in India, Geography , Chapter - 4, Agriculture, Pol.sci , Chapter - 3: Gender, religion and Cast, Economics , Chapter - 2: Sectors of Indian economy
		History , Chapter -2: Nationalism in India, Geography , Chapter - 4: Agriculture, Pol.sci , Chapter -3: Gender, Religion and Cast, Economics , Chapter - 3; Money and Credit
5	AUGUST	History , Chapter-3: The Making of a Global World (To be evaluated to the board exam sub topics) (1 to 1.3 premodern world to conquest, disease and trade), Geography , Chapter - 5: Mineral and Energy Resources, Pol.sci , Chapter -4: Political Parties, Economics , Chapter-3: Money and Credit
PERIODIC TEST-2		

6	SEPTEMBER	History, Chapter - 3: The Making of a Global World Geography, Chapter -5:Mineral and Energy Resources, Pol.sci , Chapter - 4: Political Parties, Economics, Chapter-3: Money and Credit
MID-TERM EXAMINATION		
7	OCTOBER	History, Chapter - 4: Print Culture and the Modern World, Geography, Chapter - 6: Manufacturing Industries Pol.sci , Chapter - 5: Outcomes of Democracy, Economics, Chapter - 4: Globalisation and the Indian Economy
8	NOVEMBER	History, Chapter - 4: Print Culture and the Modern World, Geography, Chapter - 6: Manufacturing Industries, Lifelines of national economy (only for map pointing) Pol.sci , Chapter - 5: Outcomes of Democracy, Economics, Chapter - 4: Globalisation and the Indian Economy
PERIODIC TEST-3		
9	DECEMBER	REVISION FOR PRE-BOARD
10	JANUARY-MARCH	REVISION AND TEST
PRE- BOARDS & FINAL EXAMINATION		



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SYLLABUS FOR SESSION 2026-2027

CLASS-10

SUBJECT – ARTIFICIAL INTELLIGENCE[417]

TEXTBOOK: NCERT/MADHUBUN [417]

S.NO	MONTH	TOPIC
1	APRIL	PART-A/UNIT-1[COMMUNICATION SKILLS-II] <ol style="list-style-type: none">1. Methods of communication2. Understanding Feedback3. Barriers to Effective Communication4. Principles of Effective Communication5. Basics of writing Skills
2	MAY	PART-B/UNIT-1[AI PROJECT CYCLE AND ETICAL FRAMEWORKS] <ol style="list-style-type: none">1. AI Project cycle2. AI and Its Domains3. Ethical Frameworks for AI4. Bioethics
PERIODIC TEST-1		
3	JUNE	PART-A/UNIT-2[SELF-MANAGEMENT SKILLS-II] <ol style="list-style-type: none">1. Stress Management2. Ability to work Independently PART-A/UNIT-3[INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS-II] <ol style="list-style-type: none">1. Operating Systems and File Organisatio2. Care and Maintenance of Computer
4	JULY	PART-B/UNIT-2[ADVANCE CONCEPTS OF AI MODELLING] <ol style="list-style-type: none">1. AI,ML, and DL2. Data Terminologies3. Introduction to Modelling4. Types of Learning-Based AI Models5. Artificial Neural Networks6. How AI Makes Decisions
5	AUGUST	PART-A/UNIT-4[ENTREPRENEURIAL SKILLS-II] <ol style="list-style-type: none">1. Exploring Entrepreneurship PART-A/UNIT-5[Green SKILLS-II] <ol style="list-style-type: none">1. Sustainable Development
PERIODIC TEST-2		

6	SEPTEMBER	<p style="text-align: center;">PART-B/UNIT-3[EVALUATING MODELS]</p> <ol style="list-style-type: none"> 1. Model Evaluation 2. Accuracy and Error 3. Evaluation Metrics for classification <p style="text-align: center;">PART-B/UNIT-4[STATISTICAL DATA]</p> <ol style="list-style-type: none"> 1. Data Science and its Applications 2. No-Code AI for Statistical Data 3. Important Concepts in Statics
MID-TERM EXAMINATION		
7	OCTOBER	<p style="text-align: center;">PART-B/UNIT-5[COMPUTER VISION]</p> <ol style="list-style-type: none"> 1. Computer vision and Its Applications 2. Understanding CV Concepts 3. No Code AI Tools 4. Image Features 5. Understanding Convolution Operator 6. Introduction to CNN
8	NOVEMBER	<p style="text-align: center;">PART-B/UNIT-6[NATURAL LANGUAGE PROCESSING]</p> <ol style="list-style-type: none"> 1. Features of Natural Languages 2. Stages of NLP 3. Chatbots 4. Text Processing 5. Code and No-Code NLP Tools 6. Sentiment Analysis
PERIODIC TEST-3		
9	DECEMBER	<p style="text-align: center;">PART-B/UNIT-7[ADVANCE PYTHON]</p> <ol style="list-style-type: none"> 1. Jupyter Notebook 2. Introduction to Python 3. Python Basics
10	JANUARY-MARCH	REVISION FOR PRE-BOARD REVISION AND TEST
PRE- BOARDS & FINAL EXAMINATION		