



Sunbeam Academy Group

Durgakund | Knowledge Park | Samnegrat | Sarainandan | Kasimabad

Affiliated to CBSE, New Delhi.

www.sunbeamacademy.com

SYLLABI : IX & X

(SESSION: 2025-26)



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SYLLABI : CLASS – IX

(SESSION: 2025-26)



This syllabus belongs to:

Name: _____

Class & Sec _IX_- _____ Branch: _____

Dear Students

Congratulations on the start of the next phase of your life's journey towards personal excellence and success. We wish you all the best in your journey.

"The important thing is not so much that every child should be taught, as that every child should be given the wish to learn".

The syllabi that you are holding right now aspires to do so through its unique weave of subjects and lessons, test dates and model papers to help you plan out your day to day schedule well in advance, avoid panic in the last moment and do well in your class. Do carry the syllabi to school every Friday.

Just a few suggestions to make your schooling enjoyable.

Carry only the required books and copies for the day to lighten your bag and burden. The time table has been designed so that you are not required to carry all the books through out the week.

Be up to date vis-a'-vis your copy completion, corrections, assignment submissions, diary entries, learning at home revisions and signatures.

Be regular to school and on time.

Happy Learning!

Jai Hind!



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Book List for Class IX (2025-2026)

Name of Books	Publishers
English	
Moment-IX	NCERT
Beehive	NCERT
English Language & Literature	Evergreen
Hindi	
Kritika-I	NCERT
Kshitij-I	NCERT
Manak Hindi Vyakaran Eevam Rachna	Saraswati
Mathematics	
Mathematics-IX	NCERT
Laboratory Manual Mathematics-IX	Fullmark
Secondary School Mathematics-IX	Bharti Bhawan
Science	
Science for Class - IX	NCERT
Science for Ninth Physics - IX	S. Chand
Science for Ninth Chemistry - IX	S. Chand
Science for Ninth Biology - IX	S. Chand
Practice Manual in Science - IX	Rachna Sagar
Example Problem	NCERT
Artificial Intelligence	
Artificial Intelligence	Orange
Social Science	
History - IX	NCERT
Economics - IX	NCERT
Geography - IX	NCERT
Political - IX	NCERT
Gandhi Map Skill	Evergreen

STATIONERY LIST - CLASS- IX & X

English	Register (1 for Literature & 1 for Language)	140 Pages
Hindi	Register (1 for Literature & 1 for Language)	140 Pages
Maths	Register (4 for CW & HW)	140 pager
	Practical File	1 140 Pages
	Graph notebook	1 140 Pages
Physics	Register	1 140 Pages
Chemistry	Register	1 140 Pages
Biology	Register	1 140 Pages
Practical File	1 each for Physics, Chemistry & Biology (Bgn, set)	1 140 Pages
History	Register	1 140 Pages
Civics	Register	1 140 Pages
Geography	Register	1 140 Pages
Economics	Register	1 140 Pages
AI & It	Register	1 140 Pages
Stationery	Gel Pen (Blue) White board marker (any colour)	1
Geometry box + File (for filing unit Test Papers and Open Door Assessments)		1
My confidence Diary for seniors (Classes VI-X) – marina Publication		

Please Note:

1. Stainless Steel Rulers are not allowed in school. Only Plastic Rulers are to be used.
2. We discourage covering notebooks to save paper. If needed, all notebooks should be covered only with used paper as we are an eco-conscious school and realize the importance of recycling. Plastic covers are strictly prohibited.
3. The text books should be covered only with used paper or bound so that they don't tear during the session.
4. All text books and notebooks should be properly labelled with name, class and section.
5. All notebooks should be of big size. Small notebooks will not be accepted in school for correction.
6. Parents are requested to buy the books at earliest before the stock is sold.
7. Reference books mentioned (if any) are optional to buy.
8. Since we believe that the child should carry a few books to school so as to avoid burden on the young shoulders. Please see that the child brings books according to the time table.

EXAMINATION PATTERN

Subjects	Academic Performance							
	Periodic Test I		Periodic Test II		Periodic Test III		Annual Examination	
	MM	MO	MM	MO	MM	MO	MM	MO
English Lang& Lit (184)	30		80		30		100	
Hindi (085)	30		80		30		100	
Mathematics(041)/(241)	30		80		30		100	
Science (086)	30		80		30		100	
So. Science (087)	30		80		30		100	
Artificial Intelligence (417)	30		50[Th]		30		50[Th] + 50[Prac] 100	

The Sunbeam Academy

VISION



Sunbeam academy strives to create an atmosphere of love, order and freedom to help children to have a balanced development of body, intellect and emotion. Our aim is to help the children develop into successful men and women of upright character and righteous conduct. One of the foremost aims of this school is to lay the foundation of ethical and human values in children at their tender age. The academy motivates children to work without the temptation of reward, fear of punishment or any kind of comparison and inspires the young ones to achieve excellence in every walk of life. The academy strives to create self-confidence in children and gives them the opportunity to bloom in goodness and global commitment.

SYLLABI - CLASS: IX – SESSION: 2025-2026

SUBJECT: ENGLISH (LANG. & LIT.) : 184

Prescribed Books:

- A. Beehive (Text Book in English for class IX) (NCERT)
- B. Moments (Supplementary Reader in English for class IX) (NCERT)
- C. Evergreen English Language & Literature (Evergreen) Practice Paper - IX

Month	Working Days	Content
April + May	22 + 21	<ul style="list-style-type: none"> 1. Literature Reader (Beehive) <ul style="list-style-type: none"> i. The Fun They Had (Prose) ii. The Sound of Music (Prose) iii. The Road not Taken (Poetry) iv. Wind (Poetry) 2. Supplementary Reader (Moments) <ul style="list-style-type: none"> i. The Lost Child (Prose) ii. The Adventures of Toto (Prose) 3. Grammar <ul style="list-style-type: none"> i. Tenses – Evergreen : Page 48-56 4. Writing Skill : Diary Entry – Evergreen : Page 154-155 5. Enrichment Activities: I.D.P. / H.H.W.
June + July	06 + 18	<ul style="list-style-type: none"> 1. Literature Reader (Beehive) <ul style="list-style-type: none"> i. The Little Girl (Prose) ii. A Truly Beautiful Mind (Prose) iii. Rain on the Roof (Poetry) 2. Supplementary Reader (Moments) <ul style="list-style-type: none"> i. Iswaran the Story Teller (Prose) ii. In the Kingdom of Fools (Prose) 3. Grammar <ul style="list-style-type: none"> i. Subject – Verb Concord – Evergreen : Page 72-74 4. Writing Skill : Descriptive Paragraph – Evergreen : Page 146-147 Enrichment Activities: Reading Comprehension
August	23	<ul style="list-style-type: none"> 1. Literature Reader (Beehive) <ul style="list-style-type: none"> i. The Snake and the Mirror (Prose) ii. The Lake Isle of Innisfree (Poetry) 2. Supplementary Reader (Moments) <ul style="list-style-type: none"> i. The Happy Prince (Prose) 3. Grammar <ul style="list-style-type: none"> i. Modals – Evergreen : Page 59-61 4. Writing Skill : Story Composition – Evergreen : Page 165-169

September	12	1. Literature Reader (Beehive) 2. Supplementary Reader (Moments) : Revision 3. Grammar i. Reported Speech – Evergreen : Page 77-82, 118-119 ii. Integrated Grammar Practice (Gap filling, Edit/Omission, Sent-reordering) – Evergreen : Page 122-124 4. Writing Skills : Revision
October	20	1. Literature Reader (Beehive) i. My Childhood(Prose) ii. A Legend of the Northland (Poetry) 2. Supplementary Reader (Moments) i. The Last Leaf (Prose) 3. Grammar i. Determiners- Evergreen : Page 94-98 4. Writing Skill : Descriptive Paragraph 5. Enrichment Activities: Speech / Group Discussion
November	24	1. Literature Reader (Beehive) i. Reach for the Top (Prose) ii. No Men Are Foreign (Poetry) iii. If I Were You 2. Supplementary Reader (Moments) i. A House Is Not A Home (Prose) 3. Grammar i. Modals- Evergreen Test Assignment 3 ii. Tenses- Evergreen Test Assignment 2, page 57,58 4. Writing Skill : Diary Entry- Evergreen : Page 156,157
December	13	1. Literature Reader (Beehive) i. Kathmandu (Prose) ii. On Killing A Tree (Poetry) iii. A Slumber Did My Spirit Seal 2. Supplementary Reader (Moments) i. The Beggar (Prose) 3. Grammar i. Reported Speech- Evergreen : Page 83-84, 120-121 4. Writing Skill : Story Composition – Evergreen : Page 170-174 Enrichment Activities: Prepare talks for morning Assemblies
January + February	19 + 18	REVISION + ANNUAL EXAM

Note: Evergreen Test Assignment for Literature should be taken per month as per chapters prescribed.

EXAMINATIONS: 2025-2026

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
Periodic Test I	JULY	30	1. Literature Reader (Beehive) i. The Fun They Had (Prose)

			ii. The Sound of Music (Prose) iii. The Road not Taken(Poetry) 2. Supplementary Reader (Moments) i. The Lost Child (Prose) 3. Grammar i. Tenses, ii. Subject – Verb Concord 4. Writing Skill : Diary Entry
Periodic Test II	SEP	80	1. Literature Reader (Beehive) i. The Fun They Had (Prose) ii. The Sound of Music (Prose) iii. The Road not Taken(Poetry) iv. Wind (Poetry) v. The Little Girl (Prose) vi. A Truly Beautiful Mind (Prose) vii. Rain on the Roof (Poetry) viii. The Snake and the Mirror (Prose) ix. The Lake Isle of Innisfree (Poetry) 2. Supplementary Reader (Moments) i. The Lost Child (Prose) ii. The Adventures of Toto (Prose) iii. Iswaran the Story Teller (Prose) iv. In the Kingdom of Fools (Prose) v. The Happy Prince (Prose) 3. Grammar i. Tenses ii. Subject – Verb Concord iii. Modals 4. Writing Skill : i. Diary Entry ii. Descriptive Paragraph iii. Story Composition
Periodic Test III	DEC	30	1. Literature Reader (Beehive) i. My Childhood ii. A legend of the Northland 2. Supplementary Reader (Moments) i. The last leaf (Prose) 3. Grammar i. Modals ii. Determiners 4. Writing Skills: Descriptive Paragraph
ANNUAL EXAMINATION	FEB - MAR	80	FULL SYLLABUS
SUBJECT: HINDI COURSE(A) : 002			
निर्धारितपुस्तकें: A. क्षितिज (भाग-1) B. कृतिका(भाग-1) C. मानकहिंदीव्याकरणएवंरचना- नवीनसंस्करण- सरस्वतीप्रकाशन।			

Month	Working Days	Content
अप्रैल + मई + जून	22 + 21 + 06	<p>गद्यखंड-</p> <ol style="list-style-type: none"> दोबैलोंकीकथा(प्रेमचंद) ल्हासाकीओर (राहुलसांकृत्यायन) <p>पद्यखंड-</p> <ol style="list-style-type: none"> साखियांएवंसबद (कबीर) सवैये (रसखान) <p>कृतिका-</p> <p>इसजलप्रलयमें (फणीश्वरनाथरेणु)</p> <p>व्याकरण- शब्दनिर्माण-</p> <ol style="list-style-type: none"> उपसर्ग प्रत्यय समास <p>पठन-</p> <ol style="list-style-type: none"> अपठितगद्यांश अपठितकाव्यांश <p>लेखन-</p> <ol style="list-style-type: none"> अनुच्छेद-लेखन पत्र-लेखन (औपचारिकएवंअनौपचारिक) संवादलेखन
जुलाई	31	<p>गद्यखंड-</p> <p>उपभोक्तावादकीसंस्कृति (श्यामाचरणदुबे)</p> <p>पद्यखंड-</p> <p>वाख (ललद्यद)</p> <p>व्याकरण- अर्थकीदृष्टिसेवाक्यभेद</p>
अगस्त	23	<p>गद्यखंड-</p> <ol style="list-style-type: none"> सांवलेसपनोंकीयाद (जाबिरहुसैन) <p>पद्यखंड-</p> <ol style="list-style-type: none"> कैदीऔरकोकिला (माखनलालचतुर्वेदी) <p>कृतिका-</p> <p>मेरेसंगकीऔरतें (मृदुलागर्ग)</p> <p>व्याकरण- अलंकार</p> <p>लेखन-</p> <ol style="list-style-type: none"> लघुकथालेखन सूचनालेखन ई-मेललेखन
सितंबर	12	पुनरावृत्ति+अर्द्धवार्षिकपरीक्षा
अक्टूबर + नवंबर	20 + 24	<p>गद्यखंड- 1. प्रेमचंदकेफटेजूते (हरिशंकरपरसाई)</p> <p>पद्यखंड- 2. मेघआए (सर्वश्वरदयालसक्सेना)</p> <p>कृतिका- 3. रीढ़कीहड्डी (जगदीशचंद्रमाथुर)</p> <p>पठन- 1. अपठितगद्यांश</p> <p>2. अपठितकाव्यांश</p> <p>व्याकरण- 1. उपसर्ग / प्रत्यय</p> <p>2. समास</p>

		<p>3. अर्थकीदृष्टिसेवाक्यभेद 4. अलंकार</p> <p><u>लेखन-</u> 1. अनुच्छेदलेखन 2. पत्र-लेखन 3. संवाद-लेखन 4. लघुकथालेखन 5. सूचनालेखन 6. ई-मेललेखन</p>
दिसंबर	13 + 19	<p><u>गद्यखंड-</u> 1. मेरेबचपनकेदिन (महादेवीवर्मा) <u>पद्यखंड-</u> 2. ग्रामश्री (सुमित्रानंदनपंत) 3. बच्चेकामपरजारहेहैं (राजेशजोशी)</p> <p><u>व्याकरण-</u> 1. उपसर्ग / प्रत्यय 2. समास 3. अर्थकीदृष्टिसेवाक्यभेद 4. अलंकार</p> <p><u>लेखन-</u> 1. अनुच्छेदलेखन 2. पत्र-लेखन 3. संवाद-लेखन 4. लघुकथालेखन 5. सूचना-लेखन 6. ई-मेललेखन</p> <p><u>पठन-</u> 1. अपठितगद्यांश 2. अपठितकाव्यांश</p>
जनवरी + फरवरी	19 + 18	पुनरावृत्ति

EXAMINATIONS: 2025-2026

NAME OF THE EXAMINATION	Month	Max Marks	Chapter/Topic
Periodic Test I	JULY	30	गद्य खंड- दो बैलों की कथा (प्रेमचंद) पद्य खंड -साखियाँ एवं सबद (कबीर दास) कृतिका -इस जल प्रलय में (फणीश्वर नाथ रेणु) व्याकरण -शब्द निर्माण- उपसर्ग, प्रत्यय, समास पठन- अपठित गद्यांश लेखन- पत्र लेखन, संवाद लेख
Periodic Test II	SEP	80	Upto JULYust
Periodic Test III	DEC	30	गद्य खंड- प्रेमचंद के फटे जूते (हरिशंकर परसाई) पद्य खंड- मेघ आए (सर्वेश्वर

			दयाल सक्सेना) कृतिका- रीढ़ की हड्डी (जगदीश चंद्र माथुर) व्याकरण -अर्थ की दृष्टि से वाक्य भेद, अलंकार पठन- अपठित काव्यांश लेखन -ईमेल लेखन, सूचना लेखन
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ANNUAL EXAMINATION	FEB - MAR	80	Complete Syllabus
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SUBJECT: SCIENCE: 086

PHYSICS

Prescribed Books:

A. Science-Textbook for class IX-NCERT Publication
B. Laboratory Manual-Science-Class IX, NCERT Publication

Month	Working Days	Content
April + May	22 + 21	Theme: Moving Things, People and Ideas Unit III: Motion, Force and Work Motion: Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion, elementary idea of uniform circular motion.
June + July	06 + 28	Force and Newton's laws : Force and Motion, Newton's Laws of Motion, Action and Reaction forces, Inertia of a body, Inertia and mass, Momentum, Force and Acceleration.
August	23	Gravitation: Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity; Mass and Weight; Free fall.
September	12	Floatation: Thrust and Pressure. Archimedes' Principle; Buoyancy. REVISION
October	20	Work, Energy and Power: Work done by a Force, Energy, power; Kinetic and Potential energy
November	24	Continued... Work, Energy and Power: Law of conservation of energy (excluding commercial unit of Energy).
December	13	Sound: Nature of sound and its propagation in various media, speed of sound, range of hearing in humans; ultrasound; reflection of sound; echo.
January + February	19 + 18	REVISION + ANNUAL EXAMINATION

EXAMINATIONS: 2025-2026

NAME OF THE	MONTH	MAX	CHAPTER/TOPICS
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EXAMINATION		MARKS	
Periodic Test I	JULY	30	1. Motion
Periodic Test II	SEP	80	1. Motion 2. Force and Laws of Motion 3. Gravitation
Periodic Test III	DEC	30	1. Floatation 2. Work, Energy and Power
ANNUAL EXAMINATION	FEB-MAR	80	FULL SYLLABUS

CHEMISTRY

Prescribed Books:

A. Science-Text book for class IX- NCERT Publication
 B. Laboratory Manual-Science-Class IX, NCERT Publication

Month	Working Days	Content
April + May	22 + 21	<p>THEME: MATERIALS</p> <p>UNIT I: MATTER IN OUR SURROUNDINGS: Definition of matter; solid, liquid and gas; characteristics - shape, volume, density; change of state melting (absorption of heat), freezing, evaporation (cooling by evaporation), condensation, sublimation.</p> <p>PRACTICALS: APRIL</p> <p>Preparation of:</p> <ul style="list-style-type: none"> a) a true solution of common salt, sugar and alum b) a suspension of soil, chalk powder and fine sand in water c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of <ul style="list-style-type: none"> * transparency * filtration criterion * stability <p>PRACTICAL : MAY</p> <p>Preparation of</p> <ul style="list-style-type: none"> a) A mixture b) A compound using iron filings and sulphur powder and distinguishing between these on the basis of: <ul style="list-style-type: none"> i. appearance, i.e., homogeneity and heterogeneity ii. behaviour towards a magnet iii. behaviour towards carbon disulphide as a solvent iv. effect of heat
June + July	06 + 18	<p>IS MATTER AROUND US PURE?</p> <p>Elements, compounds and mixtures. Heterogeneous and homogenous mixtures, colloids and suspensions. Physical and chemical changes (excluding separating the components of a mixture).</p> <p>PRACTICALS: JUNE</p> <p>Perform the following reactions and classify them as physical or chemical changes:</p> <ul style="list-style-type: none"> a) Iron with copper sulphate solution in water <p>PRACTICAL : JULY</p>

		Perform the following reactions and classify them as physical or chemical changes: b) Burning of magnesium ribbon in air c) Zinc with dilute sulphuric acid
August + September	23 + 12	ATOMS AND MOLECULES: Atoms and molecules, Law of Chemical Combination, Chemical formula of common compounds, Atomic and molecular masses. PRACTICALS : AUG Perform the following reactions and classify them as physical or chemical changes: a) Heating of copper sulphate crystals b) Sodium sulphate with barium chloride in the form of their solutions in water
October + November + December	20 + 24 + 13	STRUCTURE OF ATOMS: Electrons, protons and neutrons, Valency, Atomic Number and Mass Number, Isotopes and Isobars. PRACTICALS: OCT PRACTICAL: NOV Verification of the law of conservation of mass in a chemical reaction.
January + February + March	19 + 18	REVISION + ANNUAL EXAMINATION

EXAMINATIONS: 2025-2026

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
Periodic Test I	JULY	30	MATTER IN OUR SURROUNDINGS
Periodic Test II	SEP	80	1. MATTER IN OUR SURROUNDINGS 2. IS MATTER AROUND US PURE? 3. ATOMS & MOLECULES [up to laws of chemical combination]
Periodic Test III	DEC	30	1. ATOMS & MOLECULES
ANNUAL EXAMINATION	FEB - MAR	80	FULL SYLLABUS

BIOLOGY

Prescribed Books:

A. Science-Text book for class IX- NCERT Publication
B. Laboratory Manual-Science-Class IX, NCERT Publication

Month	Working Days	Content
April + May	22 + 21	Theme: The World of the Living Unit II: The fundamental unit of Life. Cell - Basic Unit of life : Cell as a basic unit of life; prokaryotic and eukaryotic cells, multi-cellular organisms; cell membrane and cell wall, cell organelles and cell inclusions; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Practical: Preparation of stained temporary mounts of (a)

		onion peel, (b) human cheek cells & to record observations and draw their labeled diagrams.
June + July	06 + 18	Continued Theme: The fundamental unit of Life. Unit II: Organization in the Living World Cell - Basic Unit of life: Golgi apparatus; nucleus, chromosomes – basic structure, number, Cell Division.
August	23	Tissues: Structure and functions of animal and plant tissues (only four types of tissues in animals; Meristematic and Permanent tissues in plants). Practical: Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants. Draw their labeled diagrams.
September	12	Continued Tissues: Plant Tissues.
October	20	Continued... Tissues: Animal Tissues. Practical: Identification of striped, smooth and cardiac muscles fibers and nerve cells in animals from prepared slides. Draw their labeled diagrams.
November	24	Theme: Food: Unit IV: Improvement in Food Resources: Plant and animal breeding and selection for quality improvement and management; Use of fertilizers and manures; Protection from pests and diseases; Organic farming.
December	13	Continued Theme: Food: Unit IV: Improvement in Food Resources Food: Animal husbandry, cattle farming, fish production, bee keeping.
January	19	Revision
February + March	18	REVISION + ANNUAL EXAMINATION

EXAMINATIONS: 2025-2026

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
Periodic Test I	JULY	30	Cell - Basic Unit of life
Periodic Test II	SEP	80	Cell - Basic Unit of life Tissues (up to plant tissues)
Periodic Test III	DEC	30	Animal Tissues.
ANNUAL EXAMINATION	FEB - MAR	80	FULL SYLLABUS

SUBJECT: MATHEMATICS: 041/241

Prescribed Book:

- A. Mathematics - Textbook for class IX - NCERT Publication
- B. Secondary School Mathematics – Bharati Bhawan
- C. Lab Manual – Full Marks Pvt. Ltd.

Month	Working Days	Content
April	22	<p>UNIT I: NUMBER SYSTEMS REAL NUMBERS</p> <p>1. Review of representation of natural numbers, integers, and rational numbers on the number line. Rational numbers as recurring/ terminating decimals. Operations on real numbers.</p> <p>2. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as π, and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number.</p> <p>3. Definition of nth root of a real number.</p> <p>4. Rationalization (with precise meaning) of real numbers of the type $\frac{1}{a+b\sqrt{x}}$ and $\frac{1}{\sqrt{x}+\sqrt{y}}$ (and their combinations) where x and y are natural numbers and a and b are integers.</p> <p>5. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.)</p> <p>Activity –</p> <p>1. To represent the square root of the natural numbers. $\sqrt{2}$ and $\sqrt{10}$</p>
May + June	21 + 06	<p>UNIT II: ALGEBRA POLYNOMIALS</p> <p>Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. Factors and multiples. Zeros of a polynomial. Motivate and State the Remainder Theorem with examples.</p> <p>Statement and proof of the Factor Theorem. Factorization of $ax^2 + bx + c$, $a \neq 0$ where a, b and c are real numbers, and of cubic polynomials using the Factor Theorem. Factorization by using different identities.</p> <p>Activity –</p> <p>2. To factorize a quadratic polynomial of the type $x^2 + bx + c$</p>
July	18	<p>LINEAR EQUATIONS IN TWO VARIABLES</p> <p>Recall of linear equations in one variable. Introduction to the equation in two variables.</p> <p>Focus on linear equations of the type $ax + by + c = 0$. Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real numbers, plotting them and showing that they lie on a line.</p> <p>Revision + Unit Test – I</p> <p>UNIT III: COORDINATE GEOMETRY</p> <p>COORDINATE GEOMETRY</p>

		<p>The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations.</p> <p>AREA (HERON'S FORMULA): Area of triangle using Heron's Formula without proof.</p> <p>Activity –</p> <p>3. To verify the area of trapezium.</p>
August	23	<p>UNIT IV: GEOMETRY</p> <p>INTRODUCTION TO EUCLID'S GEOMETRY</p> <p>History - Geometry in India and Euclid's geometry. Euclid's method of formalizing observed phenomenon into rigorous Mathematics with definitions, common/obvious notions, axioms/postulates and theorems. The five postulates of Euclid. Showing the relationship between axiom and theorem, for example:</p> <p>(Axiom) 1. Given two distinct points, there exists one and only one line through them.</p> <p>(Theorem) 2. (Prove) Two distinct lines cannot have more than one point in common.</p> <p>LINEs AND ANGLES</p> <p>1. (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° and the converse.</p> <p>2. (Prove) If two lines intersect, vertically opposite angles are equal.</p> <p>3. (Motivate) Lines which are parallel to a given line are parallel.</p>
September	12	Revision
October	20	<p>TRIANGLES</p> <p>1. (Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence).</p> <p>2. (Prove) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence).</p> <p>3. (Motivate) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence).</p> <p>4. (Motivate) Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence)</p> <p>5. (Prove) The angles opposite to equal sides of a triangle are equal.</p> <p>6. (Motivate) The sides opposite to equal angles of a triangle are equal.</p> <p>Activity –</p> <p>4. To explore the area of congruency of triangles.</p>
November	24	<p>QUADRILATERALS</p> <p>1. (Prove) The diagonal divides a parallelogram into two congruent</p>

		<p>2. (Motivate) In a parallelogram opposite sides are equal, and conversely.</p> <p>3. (Motivate) In a parallelogram opposite angles are equal, and conversely.</p> <p>4. (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal.</p> <p>5. (Motivate) In a parallelogram, the diagonals bisect each other and conversely.</p> <p>6. (Motivate) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and in half of it and (motivate) its converse.</p> <p>Activity –</p> <p>5. To verify the midpoint theorem.</p> <p>6. To show the figure obtained by joining the midpoints of adjacent side of a quadrilateral is a parallelogram.</p> <p>CIRCLES</p> <p>1.(Prove) Equal chords of a circle subtend equal angles at the center and (motivate) its converse.</p> <p>2.(Motivate) The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord.</p> <p>3. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely.</p> <p>4.(Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the remaining part of the circle.</p> <p>5.(Motivate) Angles in the same segment of a circle are equal.</p> <p>6.(Motivate) If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle.</p> <p>7.(Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is 180° and its converse.</p> <p>Activity</p> <p>7. To verify the angle subtended by an arc in the same segment of a circle are equal.</p> <p>8. To study the relation b/w angle of a cyclic quadrilateral.</p>
December	13	<p>SURFACE AREAS AND VOLUMES</p> <p>Surface areas and volumes of spheres (including hemispheres) and right circular cones.</p> <p>UNIT VI: STATISTICS & PROBABILITY STATISTICS</p> <p>Bar graphs, histograms (with varying base lengths), and frequency polygons.</p>
January + February	19 + 18	Revision
EXAMINATIONS: 2025-2026		

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
Periodic Test I	JULY	30	NUMBER SYSTEMS POLYNOMIAL
Periodic Test II	SEP	80	UP TO AUG SYLLABUS
Periodic Test III	DEC	30	AREA (HERON'S FORMULA) TRIANGLES QUADRILATERALS CIRCLES
ANNUAL EXAMINATION	FEB - MAR	80	FULL SYLLABUS

SUBJECT: SOCIAL SCIENCE : 087

HISTORY

Prescribed Book:

A. India and the Contemporary World - I - Published by NCERT

Month	Working Days	Content
April	22	The French Revolution:• French Society During the Late Eighteenth Century • The Outbreak of the Revolution • France Abolishes Monarchy and Becomes a Republic
May	21	The French Revolution:• Did Women have a Revolution? • The Abolition of Slavery • The Revolution and Everyday Life Chapter-1: The French Revolution Outline Political Map of France (For locating and labeling / Identification) • Bordeaux • Nantes • Paris • Marseilles
June + July + August	06 + 18 + 23	Nazism and the Rise of Hitler:• Birth of the Weimar Republic • Hitler's Rise to Power • The Nazi Worldview • Youth in Nazi Germany • Ordinary People and the Crimes Against Humanity. MAP: Major countries of the second world war. AXIS: Germany, Italy, Japan ALLIED: UK, France, USSR, USA
September	12	Revision
October	20	Socialism in Europe and the Russian Revolution: * The age of social change * The Russian Revolution (till topic: The First World War and the Russian Empire)
November	24	The February Revolution in Petrograd Forest Society and Colonialism:(IDP)
December	13	What change after October? till (Making a socialist society)
January	19	Stalinism and Collectivization. The Global influence of the Russian Revolution and the USSR. MAP : Central Powers & Allied Powers Central Powers: Germany, Austria, Hungary, Turkey Allied Powers: UK, France, Russia, USA
February	18	Revision

EXAMINATIONS: 2025-2026

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
Periodic Test I	JULY	7.5	The French Revolution
Periodic Test II	SEP	20	The French Revolution Nazism and the Rise of Hitler
Periodic Test III	DEC	7.5	Socialism in Europe and the Russian Revolution (October syllabus)
ANNUAL EXAM	FEB-MARCH	20	FULL SYLLABUS

GEOGRAPHY

Prescribed Book:

A. Contemporary India – I Published by NCERT

Month	Working Days	Content
April + May	22 + 21	1. India • Location • Size • India and the World • India's Neighbors 2. Physical Features of India: • Major Physiographic Divisions – Himalayan Mountains
June + July	06 + 18	2. Physical Features of India: (to be continued) Northern Plains, Peninsular Plateau, Indian Desert, Coastal Plains, Islands 3. Drainage: (Introduction)
August	23	3. Drainage: (to be continued) Concept • Drainage Systems in India • The Himalayan Rivers - Ganga and Brahmaputra River System The Peninsular Rivers - Narmada Basin, Tapti Basin, Godavari Basin, Mahanadi Basin, Krishna Basin, Kaveri Basin • Lakes • Role of Rivers in the Economy • River Pollution
September	12	Revision
October	20	4. Climate: • Concept • Climatic Controls • Factors influencing India's climate – Latitude, Altitude, Pressure and Winds (excluding Jet Streams and Western Cyclonic Disturbances and related figures) •
November	24	4. Climate: (to be continued) The Seasons – Cold Weather Season, Hot Weather Season, Advancing Monsoon, Retreating/Post Monsoons • Distribution of Rainfall • Monsoon as a unifying bond 5. Natural Vegetation and Wild Life: (Only for Project) • Types of Vegetation – Tropical Evergreen Forests, Tropical Deciduous Forests, Thorn Forests and Shrubs, Montane Forests, Mangrove Forests • Wild Life
December	13	5. Natural Vegetation and Wild Life: (to be continued) 6. Population: • Population Size and Distribution – India's Population Size and Distribution by Numbers, India's Population Distribution by Density • Population Growth and Processes of Population Change – Population Growth, Processes of

		Population Change/Growth
January + February	19 + 18	Revision

EXAMINATIONS: 2025-2026

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
Periodic Test I	JULY	7.5	1. India: size & location 2. Physical Features of India (up to Himalayan Mountains)
Periodic Test II	SEP	20	1. India: size & location 2. Physical Features of India 3. Drainage
Periodic Test III	DEC	7.5	4. Climate
ANNUAL EXAM	FEB-MARCH	20	FULL SYLLABUS

ECONOMICS

Prescribed Book:

A. Economics - Published by NCERT

Month	Working Days	Content
April+ May+ June	22+ 21+ 06	Chapter-1: The Story of Village Palampur Economic transactions of Palampur and its interaction with the rest of the world through which the concept of production (including three factors of production-land, labour and capital) can be introduced.
July + August	18 + 23	Chapter-2 People as a Resource Introduction of how people become resource/asset, economic activities done by men and women, unpaid work done by women, quality of human resource, role of health and education. Unemployment as a form of non-utilization of human resource, socio-political implication in simple form.
September	12	Revision
October	20	Chapter-3 Poverty as a challenge Who is poor? (through two case studies one rural and one urban), indicator , absolute poverty (not as a concept but through a few simple examples)- Why people are poor?, unequal distribution of resources, comparison between countries , steps taken by government for poverty alleviation.
November	24	Chapter-4 Food security in India Variety across the nation- famines in the past-need for self-sufficiency
December	13	Chapter-4 Food security in India Role of government in Food security, procurement of food grains, overflowing of granaries and people without food, public distribution system. Role of cooperatives in Food security (food grains)
January +February	19 + 18	Revision

EXAMINATIONS: 2025-2026

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
Periodic Test I	JULY	7.5	The Story of village Palampur
Periodic Test II	SEP	20	The Story of village Palampur People as Resource
Periodic Test III	DEC	7.5	Poverty as a Challenge
ANNUAL EXAMINATION	FEB – MAR	20	FULL SYLLABUS

POLITICAL SCIENCE

Prescribed Book:

A. Democratic Politics - I Published by NCERT

Month	Working Days	Content
April	22	What is Democracy? Why Democracy? <ul style="list-style-type: none"> • What is Democracy? • Features of Democracy
May	21	Why Democracy? <ul style="list-style-type: none"> • Broader Meanings of Democracy
June + July	06 + 18	Constitutional Design: <ul style="list-style-type: none"> • Democratic Constitution in South Africa • Why do we need a Constitution? • Making of the Indian Constitution • Guiding Values of the Indian Constitution
August	23	Electoral Politics: <ul style="list-style-type: none"> • Why Elections? • What is our System of Elections? • What makes elections in India democratic
September	12	Revision
October	20	Working of Institutions: <ul style="list-style-type: none"> • How is the major policy decision taken? • Parliament
November	24	Working of Institutions: <ul style="list-style-type: none"> • Political Executive • The Judiciary
December	13	Democratic Rights: <ul style="list-style-type: none"> • Life without Rights • Rights in a Democracy • Rights in the Indian Constitution
January	19	Democratic Rights: <ul style="list-style-type: none"> • Rights in the Indian Constitution • Expanding scope of rights
February	18	Revision

EXAMINATIONS: 2025-2026

NAME OF THE	MONTH	MAX	CHAPTER/TOPICS

EXAMINATION		MARKS	
Periodic Test I	JULY	7.5	What is Democracy? Why Democracy?
Periodic Test II	SEP	20	What is Democracy? Why Democracy? Constitutional Design Electoral Politics
Periodic Test III	DEC	7.5	Working of Institutions:
ANNUAL EXAM	FEB – MARCH	20	FULL SYLLABUS

SUBJECT: ARTIFICIAL INTELLIGENCE : 417

Prescribed Book:

A. Artificial Intelligence by ORANGE

Month	No of working days	Content
April	22	PART A: Unit 1: Communication Skills Unit 2: Self Management
May + June	21 + 06	PART A: Unit 3: Basic ICT Skills PART B: Unit 5(A): Introduction to Python [Basics of Programming, Introduction to Python, IDLE, Working Modes in Python, Tokens, I/O Statements, Simple Formulae Based Programs]
July + August	18 + 23	PART A: Unit 4: Entrepreneurial Skills PART B: Unit 5(B): Python – Control Flow Statements(if, if-else, if-elif-else), Programs based on CFS
September	12	PART A: Unit 5: Green Skills
October + November	20 + 24	PART B: Unit 1: AI Reflection, Project Cycle and Ethics Unit 2: Data Literacy Unit 5: Python – Control Flow Statements(Looping), Programs based on CFS
December + January	13 + 19	PART B: Unit 3: Maths for AI (Statistics & Probability) Unit 4: Introduction to Generative AI Unit 4: Programming based on List
February	18	Revision Tour

EXAMINATIONS: 2025-2026

NAME OF EXAMINATION	Month	Max Marks	Chapter/Topic
Periodic Test I	July	30	Part A: Unit 1 & 2
Periodic Test II	Sep	50	Part A: Unit 1, 2, 3 & 4, Part B: Unit 5(A)
Periodic Test III	Nov-Dec	30	Part A: Unit 5, Part B: Unit 5(B)
Annual Examination	Feb	50	Complete Syllabus

S.No.	Unit Name	Marks (Total 50)
1	Lab Test: <ul style="list-style-type: none">Basic Linux CommandProgramming in Python	30
2	Report file: <ul style="list-style-type: none">File containing minimum 15 programs of Python.	8
3	Project (that uses most of the concepts that have been learnt, preferably AI and Python)	10
4	Viva voce	2

UNLEASH YOUR POTENTIAL WITH SUNBEAM ACADEMY

WHY US?

The **Adolescence Education Programme** (AEP) is an initiative aimed at addressing the unique needs and challenges faced by adolescents during their transitional phase from childhood to adulthood. Developed in response to concerns about adolescent health, well-being, and education, the AEP typically focuses on providing comprehensive education and support services to young people between the ages of 10 and 19.

Artificial Intelligence (AI) has the potential to significantly transform the field of education by offering innovative solutions to various challenges and enhancing the learning experience for students, educators, and educational institutions. AI has the potential to revolutionize education by personalizing learning experiences, optimizing educational outcomes, and transforming the way students learn and educators teach.

Atal Tinkering Labs (ATLs) are an initiative by the Government of India under the Atal Innovation Mission (AIM), which is part of the NITI Aayog. Launched in 2016, the aim of ATLs is to foster innovation, creativity, and problem-solving skills among school students across India. These labs provide a space for students to explore STEM (Science, Technology, Engineering, and Mathematics) concepts through hands-on experimentation, tinkering, and project-based learning.

Google Classroom is an online platform developed by Google for schools, educational institutions, and educators to facilitate communication, collaboration, and the management of coursework and assignments. It is part of the Google Workspace for Education suite of tools and is designed to streamline the process of distributing, collecting, and grading assignments, as well as providing a central hub for class resources and communication.

National Cadet Corps (NCC) is a youth organization in India. Established in 1948, the NCC operates under the Ministry of Defence and aims to develop character, discipline, leadership, and a spirit of adventure among young people. It is one of the largest

uniformed youth organizations in the world, with units in schools, colleges, and universities across the country.

Hobby Class& Integrated Sports: Apart from Academic Learning Sunbeam Academy conducts training sessions for the development of students in their field of interest that includes wide range of sports activities such as Chess, Carom, Roller Skating, Netball, Basket Ball, Volley Ball, Table Tennis to mention a few. All these trainings are conducted by professionals who are amongst the best in their field.

SA Cricket Academy is established with a vision and commitment to shape the learners into a promising professional that are able to counter-act the pressing circumstances and emerge as a contributor in the last eleven; to begin with District, State and then Nation.

SA Shooting Academy one of its kind, first in Eastern U.P. with the state of art infrastructure, fully Air-conditioned equipped with the most experienced and sought out trainers.

The **VARK model** is a theory that categorizes different learning styles based on how individuals prefer to receive and process information. Developed by Neil Fleming in 1987, VARK stands for Visual, Auditory, Reading/Writing, and Kinesthetic.

1. **Visual (V):** Visual learners prefer to learn through visual aids such as diagrams, charts, maps, videos, and other graphical representations. They find it easier to understand information when it is presented in a visual format.
2. **Auditory (A):** Auditory learners learn best through listening and verbal communication. They prefer lectures, discussions, podcasts, and audio recordings. They often benefit from explanations given verbally and may remember information by repeating it aloud.
3. **Reading/Writing (R):** Reading/Writing learners prefer to learn through written language. They excel at reading books, articles, manuals, and other written materials. They also tend to take detailed notes and benefit from writing down information to reinforce their understanding.
4. **Kinesthetic (K):** Kinesthetic learners learn best through hands-on experiences and physical activities. They prefer to learn by doing, touching, and manipulating objects. They benefit from activities such as experiments, role-playing, simulations, and interactive exercises.

Cyber Security

As of now, we all are next to dependent over Internet globally; Cyber Security becomes essential for protecting our digital assets, including sensitive personal and financial information, intellectual property, and critical infrastructure. Cyber attacks can have serious consequences, including financial loss, reputational damage, and even physical harm.

With the increasing reliance on technology in virtually every aspect of modern life, cyber security has become a critical concern for individuals, businesses, governments, and organizations worldwide.

Netiquette

NET from **INTERNET** and **QUETTE** from **ETIQUETTE** forms the word **NETTIQUETTE**, referred to as "**etiquette for the internet**". It describes the rules of conduct for respectful and appropriate communication on the internet.

Mentions below are the list of rules one must follow while being online:

1. Refrain from personal abuse.
2. Never spam.
3. Write clearly and concisely.
4. Always post correct content in respectful language.
5. While being a part of discussion forums, stick to the concerned topic.
6. Do not post copyrighted material (material to which we do not own the rights).

Student Portfolio

Creating a student portfolio is an excellent way to showcase your academic achievements, skills, projects, and experiences to potential employers, academic institutions, or scholarship committees. Here in this context class IX and X students have to make their portfolio as it will be treated as part of Internal Assessment.

Here's a guide on how to create a compelling student portfolio:

1. **Choose a Platform:** Decide on the format and platform for your portfolio. You can create a physical portfolio using a binder or folder, or you can opt for a digital portfolio using a website builder, online portfolio platform, or a customizable template. You can use site.google.com (login with Google classroom school id)
2. **Select Content:** Gather materials to include in your portfolio, such as:
 - Academic transcripts
 - Certificates, awards, and honors
 - Projects and assignments
 - Research papers or essays
 - Extracurricular activities and leadership roles
 - Internship or work experience
 - Volunteer work or community service
 - Skills and competencies (e.g., language proficiency, computer skills)
 - Samples of creative work (e.g., artwork, writing samples, multimedia projects)
3. **Organize and Showcase:** Organize your content in a clear and visually appealing manner. Divide your portfolio into sections, such as:
 - About Me: Include a brief introduction, your educational background, career aspirations, and personal interests.
 - Academic Achievements: Highlight your academic accomplishments, including grades, test scores, scholarships, and academic awards.
 - Projects and Assignments: Showcase your best projects, assignments, or research work. Provide a brief description of each project, your role, and the skills or knowledge you gained.
 - Extracurricular Activities: Highlight your involvement in extracurricular activities, clubs, sports teams, or volunteer organizations. Describe your contributions and leadership roles.
 - Work Experience: Detail your internship, part-time job, or work experience. Describe your responsibilities, accomplishments, and skills developed.
 - Skills and Competencies: List your relevant skills, competencies, certifications, and languages spoken. Provide examples or evidence of how you've applied these skills.
 - Portfolio Extras: Consider including additional elements such as testimonials, letters of recommendation, or samples of your work.
4. **Design and Formatting:** Pay attention to the design and formatting of your portfolio to ensure it is visually appealing and easy to navigate. Choose a clean and professional layout, use consistent fonts and colors, and incorporate visuals such as photos, graphics, or icons to enhance the presentation.
5. **Proofread and Edit:** Review your portfolio carefully for errors in spelling, grammar, and formatting. Make sure all information is accurate, up-to-date, and relevant to your goals.
6. **Update Regularly:** Keep your portfolio updated with new achievements, projects, or experiences as you progress through your academic or professional journey. Regularly review and refine your portfolio to ensure it reflects your current skills, interests, and aspirations.

7. **Share and Promote:** Once your portfolio is complete, share it with your target audience, such as potential employers, academic advisors, or scholarship committee. You can share your digital portfolio via email, social media, or a personal website, or distribute physical copies as needed.

By following these steps, you can create a comprehensive and professional student portfolio that effectively showcases your talents, accomplishments, and potential to prospective opportunities

Important Tips for Student on Self Learning

Self-learning, also known as self-directed learning or independent study, is a valuable skill that can help you acquire knowledge, develop new skills, and achieve your personal and professional goals. Here are some important tips for effective self-learning:

1. **Set Clear Goals:** Define specific, achievable goals for your self-learning journey. Whether you want to learn a new language, master a programming language, or deepen your understanding of a particular subject, having clear goals will guide your learning process and keep you motivated.
2. **Create a Learning Plan:** Develop a structured learning plan that outlines what you want to learn, how you will learn it, and when you aim to achieve your goals. Break down your learning objectives into smaller, manageable tasks, and create a timeline or schedule to track your progress.
3. **Stay Organized:** Keep your learning materials, resources, and notes organized to facilitate efficient studying. Use tools such as notebooks, digital apps, or online platforms to manage your study materials, track your progress, and stay on top of your learning tasks.
4. **Be Consistent:** Establish a regular study routine and allocate dedicated time each day or week for self-learning. Consistency is key to making steady progress and retaining information effectively. Even short study sessions can add up over time and contribute to your overall learning success.
5. **Use Multiple Resources:** Explore a variety of learning resources and materials, including textbooks, online courses, video tutorials, podcasts, articles, and academic journals. Different resources offer different perspectives and formats, allowing you to gain a comprehensive understanding of the subject matter.
6. **Engage Actively:** Actively engage with the learning material by taking notes, asking questions, and seeking clarification on concepts that you find challenging. Experiment with different learning strategies, such as summarizing information in your own words, teaching concepts to others, or participating in online forums and discussions.
7. **Practice Regularly:** Practice is essential for reinforcing learning and developing mastery. Apply what you've learned through practical exercises, projects, or real-life applications. Practice regularly to build fluency, confidence, and proficiency in your chosen skill or subject area.
8. **Seek Feedback and Evaluation:** Solicit feedback from peers, mentors, or experts to assess your progress, identify areas for improvement, and gain valuable insights. Reflect on your learning experiences, celebrate your achievements, and learn from setbacks or challenges along the way.
9. **Stay Motivated:** Stay motivated and inspired by reminding yourself of your goals, celebrating your progress, and staying curious and enthusiastic about the learning process. Find ways to make learning enjoyable and rewarding, whether

it's by setting rewards for reaching milestones, connecting with a supportive learning community, or exploring topics that genuinely interest you.

10. **Be Flexible and Adapt:** Be flexible and open-minded in your approach to learning. Be willing to adapt your learning plan, explore new resources, and adjust your strategies based on your evolving needs and circumstances. Embrace challenges as opportunities for growth and learning.

By applying these tips and principles, you can enhance your self-learning skills, maximize your learning potential, and achieve your learning goals effectively and efficiently.

Sunbeam Academy and New Education Policy:

The National Education Policy (NEP) refers to the comprehensive framework and guidelines that govern the development and implementation of education policies in India. The NEP is periodically reviewed and updated to address evolving challenges and priorities in the education sector. The most recent NEP was approved by the Government of India in Aug 2020, marking a significant overhaul of the country's education system.

Key highlights of the National Education Policy 2020 inculcated by Sunbeam Academy:

1. **Foundational Reforms:** Sunbeam Academy emphasizes foundational reforms in early childhood care and education, with a focus on ensuring universal access to quality pre-school education for children aged 3 to 6 years thus aiming to provide a strong foundation for learning and development from an early age.
2. **School Education:** Sunbeam Academy advocates for a holistic and multidisciplinary approach to school education, with an emphasis on promoting critical thinking, creativity, and experiential learning.
3. **Multilingualism and Mother Tongue:** Sunbeam Academy promotes multilingualism and the use of the mother tongue or local language as the medium of instruction in early childhood education and primary school. It recognizes the importance of preserving and promoting linguistic diversity while ensuring proficiency in multiple languages.
4. **Assessment Reforms:** Sunbeam Academy proposes a shift from rote learning and high-stakes examinations to competency-based assessment methods that focus on assessing students' conceptual understanding, creativity, and problem-solving abilities. It emphasizes formative assessment and continuous evaluation to support holistic development.
5. **Teacher Training and Professional Development:** Sunbeam Academy emphasizes the importance of teacher training and professional development to enhance the quality of teaching and learning and therefore conducts multiple Resource Up-skilling Seminars and Workshops for continuous professional development.
6. **Integration of Technology:** Sunbeam Academy has integrated technology in education to enhance access, equity, and quality. Sunbeam Academy uses digital technologies for content creation, delivery, and assessment, as well as for teacher training and professional development.

Overall, the National Education Policy 2020 aims to transform India's education system to meet the needs of the 21st century, promote holistic development, and prepare students for the challenges and opportunities of the future to which Sunbeam Academy has incorporated up-to more than a level of satisfaction.

GOLDEN RULES

We Respect

We use " Jai Hind " to greet everyone.



We are gentle

We don't hurt others



We are kind and helpful

We don't hurt anybody's feelings



We listen

We don't interrupt



We are honest

We don't cover up the truth



We work hard

We don't waste our own or other's time



We look after property

We don't waste or damage things



We Walk

We stick to the left with hands at the back.





Sunbeam Academy Group

Durgakund | Knowledge Park | Samnegrat | Sarainandan | Kasimabad
Affiliated to CBSE, New Delhi.

SYLLABI : CLASS – X

(SESSION: 2025-26)



This syllabus belongs to:

Name: _____

Class & Sec _X_- _____ Branch: _____

Dear Students

Congratulations on the start of the next phase of your life's journey towards personal excellence and success. We wish you all the best in your journey.

"The important thing is not so much that every child should be taught, as that every child should be given the wish to learn".

The syllabi that you are holding right now aspires to do so through its unique weave of subjects and lessons, test dates and model papers to help you plan out your day to day schedule well in advance, avoid panic in the last moment and do well in your class. Do carry the syllabi to school every Friday.

Just a few suggestions to make your schooling enjoyable.

Carry only the required books and copies for the day to lighten your bag and burden. The time table has been designed so that you are not required to carry all the books throughout the week.

Be up to date vis-a'-vis your copy completion, corrections, assignment submissions, diary entries, learning at home revisions and signatures.

Be regular to school and on time.



Sunbeam Academy Group

Durgakund | Knowledge Park | Samneghat | Sarainandan | Kasimabad

Book List for Class X (2025-2026)

Name of Books	Publishers
English	
Foot Prints without Feet	NCERT
First Fight	NCERT
English Language & Literature	Evergreen
Hindi	
Kritika-II	NCERT
Kshitij-II	NCERT
Manak Hindi Vyakaran Evam Rachna	Saraswati
Mathematics	
Mathematics-X	NCERT
Laboratory Manual Mathematics-X	Fullmark
Secondary School Mathematics-X	Bharti Bhawan
Science	
Science for Class - X	NCERT
Science for Tenth Physics - X	S. Chand
Science for Tenth Chemistry - X	S. Chand
Science for Tenth Biology - X	S. Chand
Practice Manual in Science - X	Rachna Sagar
Exampler Problem	NCERT
Companion Biology	Dinesh
Artificial Intelligence	
Artificial Intelligence	Orange
Social Science	
History - X	NCERT
Economics - X	NCERT
Geography - X	NCERT
Political - X	NCERT
Gandid Map Skill	Evergreen

STATIONERY LIST - CLASS- IX & X

English	Register (1 for Literature & 1 for Language)	140 Pages
Hindi	Register (1 for Literature & 1 for Language)	140 Pages
Maths	Register (4 for CW & HW)	140 pager
	Practical File	1 140 Pages
	Graph notebook	1 140 Pages
Physics	Register	1 140 Pages
Chemistry	Register	1 140 Pages
Biology	Register	1 140 Pages
Practical File	1 each for Physics, Chemistry & Biology (Bgn, set)	1 140 Pages
History	Register	1 140 Pages
Civics	Register	1 140 Pages
Geography	Register	1 140 Pages
Economics	Register	1 140 Pages
AI & It	Register	1 140 Pages
Stationery	Gel Pen (Blue) White board marker (any colour)	1
My confidence Diary for seniors (Classes VI-X) – marina Publication		



Please Note :

1. Stainless Steel Rulers are not allowed in school. Only Plastic Rulers are to be used.
2. We discourage covering notebooks to save paper. If needed, all notebooks should be covered only with used paper as we are an eco-conscious school and realize the importance of recycling. Plastic covers are strictly prohibited.
3. The text books should be covered only with used paper or bound so that they don't tear during the session.
4. All text books and notebooks should be properly labelled with name, class and section.
5. All notebooks should be of big size. Small notebooks will not be accepted in school for correction.
6. Parents are requested to buy the books at earliest before the stock is sold.
7. Reference books mentioned (if any) are optional to buy.
8. Since we believe that the child should carry a few books to school so as to avoid burden on the young shoulders. Please see that the child brings books according to the time table.

EXAMINATION PATTERN

Subjects	Academic Performance											
	Periodic Test I		HALF YEARLY		PRE - BOARD I		PRE - BOARD II		PRE - BOARD II			
	MM	MO	MM	MO	MO	MO	MM	MO	MM	MO	MM	MO
English Lang& Lit (184)	30		80		80		80		80		80	
Hindi (085)	30		80		80		80		80		80	
Mathematics(041)/(24 1)	30		80		80		80		80		80	
Science (086)	30		80		80		80		80		80	
So. Science (087)	30		80		80		80		80		80	
Artificial Intelligence (417)	30		50[Th] + 50[Pra]		50		50		50		50	



The Sunbeam Academy

VISION



Sunbeam academy strives to create an atmosphere of love, order and freedom to help children to have a balanced development of body, intellect and emotion. Our aim is to help the children develop into successful men and women of upright character and righteous conduct. One of the foremost aims of this school is to lay the foundation of ethical and human values in children at their tender age. The academy motivates children to work without the temptation of reward, fear of punishment or any kind of comparison and inspires the young ones to achieve excellence in every walk of life. The academy strives to create self-confidence in children and gives them the opportunity to bloom in goodness and global commitment.

SYLLABI -CLASS: X – SESSION: 2025-2026

SUBJECT: ENGLISH (LANG. & LIT.): 184

Prescribed Books:

- A. First Flight (Text Book in English for class X) (NCERT)
- B. Foot Prints without Feet (Supplementary Reader in English for class X) (NCERT)
- C. Evergreen English Language & Literature (Evergreen) – Practice Paper - X

Month	Working Days	Content
April	22	<p>Literature Reader:</p> <p>1. Prose :</p> <ul style="list-style-type: none"> a. A letter to God b. Nelson Mandela: Long walk to freedom <p>2. Poetry:</p> <ul style="list-style-type: none"> a. Dust of snow b. Fire and Ice c. A Tiger in the Zoo. <p>3. Supplementary Reader:</p> <ul style="list-style-type: none"> a. A Triumph of Surgery <p>4. Grammar: Tenses – Evergreen : Page 55-59</p> <p>5. Writing: Formal letter to Editor – Evergreen : Page 130-131</p> <p>6. Enrichment Activities: Reading Comprehension.</p>
May	21	<p>Literature Reader:</p> <p>1. Prose:</p> <ul style="list-style-type: none"> a. Two Stories about Flying <p>2. Poetry:</p> <ul style="list-style-type: none"> a. How to tell Wild Animals <p>3. Supplementary Reader:</p> <ul style="list-style-type: none"> a. The Thief's Story <p>4. Grammar:</p> <ul style="list-style-type: none"> a. Modals – Evergreen : Page 60-63 <p>5. Writing: Analytical Paragraph – Evergreen : Page 153-155</p> <p>6. Enrichment Activities: Speech / Group Discussion</p>
June + July	06 + 18	<p>1. Supplementary Reader:</p> <ul style="list-style-type: none"> a. The Midnight Visitor <p>2. Grammar:</p> <ul style="list-style-type: none"> a. Subject – Verb Concord- Evergreen : Page 70-72 b. Re-arranging Jumbled Words – Evergreen : Page 107-109 <p>Writing: Analytical Paragraph</p> <p>3. Enrichment Activities: I.D.P. / H.H.W</p> <p>Literature Reader:</p> <p>1. Prose :</p> <ul style="list-style-type: none"> a. From The Diary of Anne Frank b. Glimpses of India – I, II, III parts <p>2. Poetry:</p> <ul style="list-style-type: none"> a. The Ball Poem <p>3. Supplementary Reader:</p> <ul style="list-style-type: none"> a. A Question of Trust <p>4. Grammar: Reported Speech – Evergreen : Page 73-80</p> <p>Writing: Formal letter of Placing Order- Evergreen : Page 134-135</p> <p>Formal Letter of Complaint</p>

August	23	<p>Literature Reader:</p> <p>1. Prose : a. Mijbil the Otter</p> <p>2. Poetry: a. Amanda</p> <p>3. Supplementary Reader: a. Foot Prints without Feet b. The Making of a Scientist</p> <p>4. Grammar: a. Determiners- Evergreen : Page 87-91</p> <p>5. Writing: a. Formal letter of Inquiry – Evergreen : Page 132-133</p> <p>6. Enrichment Activities: You are planning a tour to Assam. Collect necessary information on places of tourist interest</p>
September	12	<p>Literature Reader:</p> <p>1. Poetry: a. The Trees</p> <p>2. Supplementary Reader: a. The Necklace</p> <p>3. Grammar: Revision – Evergreen : Page 117-120</p> <p>4. Writing: Revision</p>
October	20	<p>Literature Reader:</p> <p>1. Prose : a. Madam Rides The Bus</p> <p>2. Poetry: Fog</p> <p>3. Supplementary Reader: Bholi</p> <p>Grammar: – Evergreen : Page 110-112</p> <p>a. Reported Speech b. Sub-Verb Concord</p> <p>Writing Formal Letter(Revision)</p> <p>Enrichment Activities:</p> <p>Prepare talks for morning assemblies</p>
November	13	<p>Literature Reader:</p> <p>1. Prose : a. The Sermon at Benares b. The Proposal</p> <p>2. Poetry: a. The Tale of Custard the Dragon b. For Anne Gregory</p> <p>3. Supplementary Reader: a. The Book That Saved the Earth</p> <p>4. Grammar: Modals ,Determiners, Tenses – Evergreen : Page 101-102, 87-91</p> <p>5. Writing: Analytical Paragraph (Revision)</p>
<p>Note: Evergreen Test Assignment for literature should be taken per month as per chapter prescribed.</p>		

EXAMINATIONS: 2025-2026

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
PERIODIC TEST - I	JULY	30	<p>Literature Reader:</p> <p>1. Prose :</p> <ul style="list-style-type: none"> a. A letter to God b. Nelson Mandela: Long walk to freedom c. Two Stories about Flying <p>2. Poetry:</p> <ul style="list-style-type: none"> a. Dust of snow b. Fire and Ice c. A Tiger in the Zoo d. How to tell Wild Animals <p>3. Supplementary Reader:</p> <ul style="list-style-type: none"> a. A Triumph of Surgery b. The Thief's Story <p>4. Grammar:</p> <ul style="list-style-type: none"> a. Tenses b. Modals <p>Writing:</p> <ul style="list-style-type: none"> 1. Formal letter to Editor 2. Analytical Paragraph
HALF YEARLY	SEP	80	<p>Literature Reader:</p> <p>1. Prose :</p> <ul style="list-style-type: none"> a. A letter to God b. Nelson Mandela: Long walk to freedom c. Two Stories about Flying d. From the diary of Anne Frank e. Glimpses of India - I, 2 & 3 part f. Mizbil the otter <p>2. Poetry:</p> <ul style="list-style-type: none"> a. Dust of snow b. Fire and Ice c. A Tiger in the Zoo d. How to tell Wild Animals e. The Ball Poem f. Amanda <p>3. Supplementary Reader:</p> <ul style="list-style-type: none"> a. A Triumph of Surgery b. The Thief's Story c. The Midnight Visitor d. Question of Trust e. Footprints without feet f. The making of a scientist. <p>4. Grammar:</p> <ul style="list-style-type: none"> a. Tenses b. Modals c. Determiners d. Reported Speech

			e. Subject – Verb Concord Writing: 1. Formal letter to Editor 2. Analytical Paragraph 3. Formal letter of placing order 4. Formal letter of Inquiry.
PRE BOARD – I	NOV	80	FULL SYLLABUS
PRE BOARD – II	DEC	80	FULL SYLLABUS
PRE BOARD – III (OPTIONAL)	JAN	80	FULL SYLLABUS

SUBJECT : HINDI COURSE (A): 002

निर्धारितपुस्तके:

- A. कृतिज (भाग- 2)
- B. कृतिका (भाग-2)
- C. व्याकरण- मानकहिंदीव्याकरणएवंरचना- नवीनसंस्करण (सरस्वतीप्रकाशन)

महीना	दिन	विषय-सूची
अप्रैल	22	गद्यखंड -नेताजीकाचशमा (स्वयंप्रकाश) पद्यखंड -पद (सूरदास) कृतिका- माताकांचल (शिवपूजनसहाय) व्याकरण -रचनाकेआधारपरवाक्यभेद पठन- अपठितगद्यांश लेखन- अनुच्छेदलेखन
मई + जून	21 + 06	गद्यखंड- बालगोबिनभगत (रामवृक्षबेनीपुरी) पद्यखंड- उत्साह, अटनहींरहीहै (सूर्यकांतत्रिपाठीनिराला) कृतिका -मैक्योलिखताहूँ? (अज्ञेय) व्याकरण - वाच्य पठन- अपठितकाव्यांश लेखन-1. पत्र-लेखन 2. विज्ञापन-लेखन
जुलाई	18	गद्यखंड- 1.लखनवीअंदाज(यशपाल) 2.एककहानीयहभी (मन्त्रभंडारी) पद्यखंड - 3.राम -लक्ष्मण -परशुरामसंवाद
अगस्त	23	गद्यखंड- नौबतखानेमेंइबादत (यतींद्रिमिश्र) पद्यखंड- आत्मकथ्य (जयशंकरप्रसाद) कृतिका- साना- सानाहाथजोड़ि(मधुकांकरिया) व्याकरण- 1.पदपरिचय2.अलंकार लेखन- 1.संदेशलेखन2.स्ववृत्तलेखन3.ई-मेललेखन
सितंबर	12	पुनरावृति + अर्द्धवार्षिकपरीक्षा

अक्टूबर + नवंबर	20 + 13	<p><u>गद्यखंड-संस्कृति</u> (भदंतआनंदकौसल्यायन)</p> <p><u>पद्यखंड-1.</u> यहदंतुरितमुस्कान, फसल (नागार्जुन)</p> <p>2. संगतकार (मंगलेशडबराल)</p> <p><u>व्याकरण-</u></p> <ol style="list-style-type: none"> रचनाकेआधारपरवाक्यभेद वाच्य पदपरिचय अलंकार <p><u>लेखन-</u></p> <ol style="list-style-type: none"> अनुच्छेदलेखन पत्र-लेखन विज्ञापन-लेखन संदेश-लेखन स्ववृत्त-लेखन ई-मेललेखन
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EXAMINATIONS: 2025-2026

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
PERIODIC TEST - I	JULY	30	गद्य खंड- नेताजी का चश्मा (स्वयं प्रकाश) बाल गोविंद भगत (रामवृक्ष बेनीपुरी) पद्य खंड- पद (सूरदास) उत्साह (सूर्यकांत त्रिपाठी 'निराला') कृतिका- माता का अंचल (शिवपूजन सहाय) व्याकरण -रचना के आधार पर वाक्य के भेद,वाच्य पठन- अपठित गद्यांश लेखन- पत्र लेखन, विज्ञापन लेखन
HALF YEARLY	SEP	80	SYLLABUS UP TO AUG
PRE BOARD - I	NOV	80	FULL SYLLABUS
PRE BOARD - II	DEC	80	FULL SYLLABUS
PRE BOARD - III	JAN	80	FULL SYLLABUS

SUBJECT: MATHEMATICS: 041/241

Prescribed Books:

- A. Mathematics - Textbook for class X - NCERT Publication
- B. Lab Manual – Full Marks Pvt. Ltd.
- C. Secondary School Mathematics (Bharati Bhawan)

Month	Working Days	Content
April	22	<p>1. Real Number</p> <p>Fundamental Theorem of Arithmetic - statements after reviewing work done earlier and after illustrating and motivating through examples, Proofs of irrationality of $\sqrt{2}, \sqrt{3}, \sqrt{5}$</p>

		<p>2. Polynomials Zeros of a polynomial. Relationship between zeros and coefficients of quadratic polynomials.</p> <p>3. Pair of Linear Equations Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency. Algebraic conditions for number of solutions. Solution of a pair of linear equations in two variables algebraically - by substitution, by elimination. Simple situational problems.</p> <p>Activity 1: Pair of Linear Equations in two Variables.</p>
May	21	<p>4. Quadratic Equations Standard form of a quadratic equation $ax^2 + bx + c = 0$, ($a \neq 0$). Solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula. Relationship between discriminant and nature of roots.</p> <p>Situational problems based on quadratic equations related to day to day activities to be incorporated.</p> <p>5. Arithmetic Progression Motivation for studying Arithmetic Progression Derivation of the nth term and sum of the first n terms of A.P. and their application in solving daily life problems.</p> <p>Activity 2: Sum of first n Natural Numbers</p>
June + July	06 + 18	<p>6. Coordinate Geometry Review: Concepts of coordinate geometry, graphs of linear equations. Distance formula. Section formula (internal division).</p> <p>7. Triangle Definitions, examples, counter examples of similar triangles. 1. (Prove) If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio. 2. (Motivate) If a line divides two sides of a triangle in the same ratio, the line is parallel to the third side. 3. (Motivate) If in two triangles, the corresponding angles are equal, their corresponding sides are proportional and the triangles are similar. 4. (Motivate) If the corresponding sides of two triangles are proportional, their corresponding angles are equal and the two triangles are similar. 5. (Motivate) If one angle of a triangle is equal to one angle of another triangle and the sides including these angles are proportional, the two triangles are similar.</p> <p>Activity 3: Basic Proportionality Theorem</p>
August	23	<p>8. Circles Tangent to a circle at, point of contact 1. (Prove) The tangent at any point of a circle is perpendicular to the radius through the point of contact. 2. (Prove) The lengths of tangents drawn from an external point to a circle are equal.</p> <p>9. Introduction of Trigonometry Trigonometric ratios of an acute angle of a right-angled triangle. Proof of their existence (well defined); motivate the ratios whichever are defined at 0° and 90°. Values of the trigonometric ratios of 30°, 45° and 60°. Relationships between the ratios.</p>

		<p>10. Trigonometric Identities Proof and applications of the identity $\sin^2 A + \cos^2 A = 1$. Only simple identities to be given. Activity 4: Length of tangents drawn from external point. Activity 5: Trigonometric Identity</p>
September	12	<p>11. Heights & Distances Simple problems on heights and distances. Problems should not involve more than two right triangles. Angles of elevation / depression should be only 30°, 45°, and 60°.</p> <p>12. Area Related to Circles Area of sectors and segments of a circle. Problems based on areas and perimeter /circumference of the above said plane figures. (In calculating area of segment of a circle, problems should be restricted to central angle of 60°, 90° and 120° only.)</p>
October	20	<p>13. Surface Areas and Volumes Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones.</p> <p>14. Statistics Mean, median and mode of grouped data (bimodal situation to be avoided). Activity 6: CSA of a right circular cylinder Activity 7: CSA of a right circular cone</p>
November	13	<p>15. Probability Classical definition of probability. Simple problems on finding the probability of an event.</p>

EXAMINATIONS : 2025-2026

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
PERIODIC TEST - I	JULY	30	1. Real Number 2. Polynomials 3. Pair of Linear Equation 4. Quadratic Equations 5. Arithmetic Progression
HALF YEARLY	SEP	80	SYLLABUS UP TO AUG
PRE BOARD - I	NOV	80	FULL SYLLABUS
PRE BOARD - II	DEC	80	FULL SYLLABUS
PRE BOARD - III	JAN	80	FULL SYLLABUS

SUBJECT: SCIENCE : 086

PHYSICS

Prescribed Books:

- A. Science-Text book for class X- NCERT Publication
- B. Laboratory Manual-Science-Class X, NCERT Publication

Month	Working Days	Content
APRIL	22	<p>Unit III: Natural Phenomena Reflection of light by curved surfaces; Images formed by spherical mirrors, centre of curvature, principal axis, principal focus, focal length, mirror formula (Derivation not required), magnification.</p>

MAY + JUNE + JULY	21 + 06 + 18	Refraction; Laws of refraction, refractive index. Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula(Derivation not required); Magnification. Power of a lens. Functioning of a lens in human eye, defects of vision and their corrections, applications of spherical mirrors and lenses. Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life(excluding color of the sun at sunrise and sunset).
AUGUST + SEPTEMBER	23 + 12	Theme: How Things Work Unit IV: Effects of Current Electric current, potential difference and electric current. Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications in daily life. Electric power, Interrelation between P, V, I and R.
OCTOBER + NOVEMBER	20 + 13	Magnetic effects of current: Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule, Direct current. Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits.

EXAMINATIONS: 2025-2026

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
PERIODIC TEST - I	JULY	30	LIGHT (REFLECTION & REFRACTION (lens excluded)
HALF YEARLY	SEP	80	LIGHT, HUMAN EYE & COLOURFUL WORD AND ELECTRICITY
PRE BOARD - I	NOV	80	FULL SYLLABUS
PRE BOARD - II	DEC	80	FULL SYLLABUS
PRE BOARD - III (OPTIONAL)	JAN	80	FULL SYLLABUS

CHEMISTRY

Prescribed Books:

- A. Science-Text book for class X- NCERT Publication
- B. Laboratory Manual-Science-Class X, NCERT Publication

Month	Working Days	Content
APRIL	22	Theme: Materials Unit I: Chemical Substances - Nature and Behaviour Chemical reactions: Chemical equation, Balanced chemical equation, implications of a balanced chemical equation, types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, endothermic exothermic reactions, oxidation and reduction. PRACTICALS 1. A. Finding the pH of the following samples by using pH paper/universal indicator: (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution

		<p>(iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution</p>
MAY + JUNE + JULY	21 + 06 + 18	<p>Acids, bases and salts: Their definitions in terms of furnishing of H⁺ and OH⁻ ions, General properties, examples and uses, neutralization, concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life; preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing soda and Plaster of Paris.</p> <p>PRACTICALS</p> <p>May: B. Studying the properties of acids and bases (HCl&NaOH) on the basis of their reaction with:</p> <p>a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate</p> <p>July: 2. Performing and observing the following reactions and classifying them into:</p> <p>A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction</p> <p>(i) Action of water on quicklime (ii) Action of heat on ferrous sulphate crystals (iii) Iron nails kept in copper sulphate solution (iv) Reaction between sodium sulphate and barium chloride solutions</p>
AUGUST	23	<p>Metals and nonmetals: Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds; Basic metallurgical processes; Corrosion and its prevention.</p> <p>PRACTICALS</p> <p>3. Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions:</p> <p>i) ZnSO₄(aq) ii) FeSO₄(aq) iii) CuSO₄(aq) iv) Al₂(SO₄)₃(aq)</p> <p>Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.</p>
SEPTEMBER + OCTOBER	12 + 20	<p>Carbon compounds: Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series. Nomenclature of carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes, alkanes and alkynes), difference between saturated hydro carbons and unsaturated hydrocarbons. Chemical properties of carbon compounds (combustion, oxidation, and addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents</p> <p>PRACTICALS</p> <p>8. Study of the following properties of acetic acid (ethanoic acid):</p> <p>i) Odour ii) solubility in water iii) effect on litmus iv) reaction with Sodium Hydrogen Carbonate</p>

		9. Study of the comparative cleaning capacity of a sample of soap in soft and hard water.
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EXAMINATIONS : 2025-2026

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
PERIODIC TEST - I	JULY	30	1. CHEMICAL REACTIONS AND EQUATIONS
HALF YEARLY	SEP	80	CHEMICAL REACTIONS AND EQUATIONS ACID, BASES AND SALTS METALS AND NOT METALS
PRE BOARD - I	NOV	80	FULL SYLLABUS
PRE BOARD - II	DEC	80	FULL SYLLABUS
PRE BOARD - III	JAN	80	FULL SYLLABUS

BIOLOGY

Prescribed Books:

A. Science-Text book for class X- NCERT Publication
B. Laboratory Manual-Science-Class X, NCERT Publication

Month	Working Days	Content
APRIL + MAY	22 + 21	Theme: The World of the Living Unit II: World of Living Life processes: 'Living Being'. Basic concept of nutrition, respiration PRACTICAL: Preparing a temporary mount of a leaf peel to show stomata.
JUNE + JULY	06 + 18	Theme: The World of the Living Unit II: World of Living Life processes: transport and excretion in plants and animals. PRACTICAL: Experimentally show that carbon dioxide is given out during respiration.
AUGUST	23	Control and co-ordination in animals and plants: Tropic movements in plants; Introduction of plant hormones; Control and co-ordination in animals: Nervous system; Voluntary, involuntary and reflex action; Chemical co-ordination: animal hormones.
SEPTEMBER	12	Reproduction: Reproduction in animals and plants (asexual and sexual) reproductive health – need and methods of family planning. Safe sex v/s HIV/AIDS. Child bearing and women's health. PRACTICAL: Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides.
OCTOBER	20	Heredity and Evolution: Heredity; Mendel's contribution- Laws for inheritance of traits: Sex determination: brief introduction: (topics excluded - evolution; evolution and classification and evolution should not be equated with progress) PRACTICAL: Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).
NOVEMBER	13	Unit V: Our Environment Our environment: Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances.

EXAMINATIONS: 2025-2026

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
PERIODIC TEST - I	JULY	30	Life processes: Basic concept of nutrition, respiration, transport in plants.

HALF YEARLY	SEP	80	SYLLABUS UP TO AUG
PRE BOARD – I	NOV	80	FULL SYLLABUS
PRE BOARD – II	DEC	80	FULL SYLLABUS
PRE BOARD – III	JAN	80	FULL SYLLABUS

SUBJECT: SOCIAL SCIENCE : 087

HISTORY

Prescribed Books:

A. India and the Contemporary World-II (History) - Published by NCERT

Month	Working Days	Content
APRIL	22	<p>1. The Rise of Nationalism in Europe:</p> <ul style="list-style-type: none"> •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
MAY	21	<p>1. The Rise of Nationalism in Europe: (Continued)</p> <ul style="list-style-type: none"> •Visualizing the Nation •Nationalism and Imperialism
JUNE + JULY	06 + 18	<p>2. Nationalism in India:</p> <ul style="list-style-type: none"> •The First World War, Khilafat and Non - Cooperation •Differing Strands within the Movement •Towards Civil Disobedience •The Sense of Collective Belonging <p>MAP WORK:</p> <p>Chapter - 3 Nationalism in India – (1918 – 1930) for locating and labeling / Identification</p> <ol style="list-style-type: none"> 1. Indian National Congress Sessions: <ol style="list-style-type: none"> Calcutta (Sep. 1920) Nagpur (Dec. 1920) Madras (1927) 2. Important Centres of Indian National Movement <ol style="list-style-type: none"> Champaran (Bihar) - Movement of Indigo Planters Kheda (Gujarat) - Peasant Satyagrah Ahmedabad (Gujarat) - Cotton Mill Workers Satyagraha Amritsar (Punjab) - Jallianwala Bagh Incident Chauri Chaura (U.P.) - Calling off the Non-Cooperation Movement Dandi (Gujarat) - Civil Disobedience Movement
AUGUST	23	<p>3. The Making of a Global World:</p> <ul style="list-style-type: none"> •The Pre-modern world •The Nineteenth Century (1815-1914)
SEPTEMBER	12	<p>Till 1.3 Conquest, Disease</p>
OCTOBER	20	<p>3. The Making of a Global World: (For Project Work Only)</p> <ul style="list-style-type: none"> •The Inter war Economy •Rebuilding a World Economy: The Post-War Era <p>5. Print Culture and the Modern World:</p> <ul style="list-style-type: none"> •The First Printed Books •Print Comes to Europe •The Print Revolution and its Impact •The Reading Mania

		<ul style="list-style-type: none"> •The Nineteenth Century •India and the World of Print •Religious Reform and Public Debates •New Forms of Publication
NOVEMBER	13	5. Print Culture and the Modern World: <ul style="list-style-type: none"> •Print and Censorship

EXAMINATIONS: 2025-2026

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
PERIODIC TEST - I	JULY	7.5	1. The Rise of Nationalism in Europe
HALF YEARLY	SEP	20	1. The Rise of Nationalism in Europe 2. Nationalism in India 3. The Making of a Global World
PRE BOARD - I	NOV	20	FULL SYLLABUS
PRE BOARD - II	DEC	20	FULL SYLLABUS
PRE BOARD - III	JAN	20	FULL SYLLABUS

GEOGRAPHY

Prescribed Books:

A. Contemporary India - II Published by NCERT

Month	Working Days	Content
APRIL + MAY + JUNE	22 + 21 + 06	<p>1. Resources and Development:</p> <ul style="list-style-type: none"> a. Concept b. Development of Resources c. Resource Planning - Resource Planning in India, Conservation of Resources a. Land Resources b. Land Utilization c. Land Use Pattern in India d. Land Degradation and Conservation Measures e. Soil as a Resource - Classification of Soils, Soil Erosion and Soil Conservation (excluding Box Information on State of India's Environment) <p>2. Forest and Wildlife Resources</p> <ul style="list-style-type: none"> a. Conservation of forest and wildlife in India b. Types and distribution of forests and wildlife resources c. Community and Conservation
JULY	18	<p>3. Water Resources:</p> <ul style="list-style-type: none"> a. Water Scarcity and The Need for Water Conservation and Management b. Multi-Purpose River Projects and Integrated Water Resources Management c. Rainwater Harvesting <p>4. Agriculture:</p> <ul style="list-style-type: none"> a. Types of Farming - Primitive Subsistence, Intensive Subsistence, Commercial a. Cropping Pattern - Major Crops, Food Crops other than Grains, Non-

		Food Crops, Technological and Institutional Reforms b. Food Security (excluding impact of globalization on agriculture)
AUGUST	23	4. Agriculture: (to be continued) 5. Minerals and Energy Resources a. What is a mineral? b. Mode of occurrence of Minerals - Where are these minerals found?, Ferrous Minerals, Non-Ferrous Minerals, Non-Metallic Minerals, Rock Minerals c. Conservation of Minerals d. Energy Resources - Conventional Sources of Energy, Non-Conventional Sources of Energy e. Conservation of Energy Resources
SEPTEMBER	12	6. Manufacturing Industries: Introduction
OCTOBER	20	6. Manufacturing Industries: a. Importance of Manufacturing - Industrial Location (excluding Industry Market Linkage), Agro based Industry (excluding Cotton Textiles, Jute Textiles, Sugar Industry), Mineral based Industries (excluding Iron Steel Industry, Cement Industry), Industrial Pollution and Environmental Degradation, Control of Environmental Degradation 7. Life Lines of National Economy: (Only Map pointing to be evaluated) a. Roadways (for project) b. Railways c. Pipelines d. Waterways e. Major Seaports f. Airways g. Communication h. International Trade i. Tourism as a Trade
NOVEMBER	13	Revision

EXAMINATIONS: 2025-2026

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
PERIODIC TEST - I	JULY	7.5	1. Resources and Development:
HALF YEARLY	SEP	20	1. Resources & Development 2. Forest & Wildlife Resources 3. Water Resources 4. Agriculture
PRE BAORD - I	NOV	20	FULL SYLLABUS
PRE BOARD - II	DEC	20	FULL SYLLABUS
PRE BOARD - III	JAN	20	FULL SYLLABUS

ECONOMICS

Prescribed Books:

A. Understanding Economic Development – NCERT

Month	Working	Content
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	Days	
APRIL + MAY + JUNE	22 + 21 + 06	1. Development: What Development Promises – Different People, Different Goals Income and Other Goals National Development How to compare different countries or states? Income and other criteria Public Facilities Sustainability of Development
JULY	18	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
AUGUST	23	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 + OCTOBER	12 + 20	4. Globalization and the Indian Economy: Production across countries Interlinking production across countries Foreign Trade and integration of markets What is Globalization?

EXAMINATIONS: 2025-2026

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
PERIODIC TEST – I	JULY	7.5	1. Development:
HALF-YEARLY	SEP	20	1. Development 2. Sectors of the Indian Economy
PRE BOARD – I	NOV	20	FULL SYLLABUS
PRE BOARD – II	DEC	20	FULL SYLLABUS
PRE BOARD – III	JAN	20	FULL SYLLABUS

POLITICAL SCIENCE

Prescribed Books:

A. Democratic Politics II (Political Science) - Published by NCERT

Month	Working Days	Content
APRIL	22	1. Power Sharing: • Belgium and Sri Lanka • Majoritarianism in Sri Lanka • Accommodation in Belgium
MAY	21	1. Power Sharing: (Contd....) • Why power sharing is desirable? • Forms of Power Sharing
		2. Federalism:

JUNE + JULY	06 + 18	<ul style="list-style-type: none"> • What is Federalism? • What make India a Federal Country? • How is Federalism practiced? • Decentralization in India
AUGUST	23	<p>4. Gender, Religion and Caste:</p> <ul style="list-style-type: none"> *Gender and Politics - Public/Private division, Women's political representation *Religion, Communalism and Politics – Communalism, Secular State (excluding image on page 46, 48, 49 of NCERT Textbook – Democratic Politics -II - reprinted edition 2021) *Caste and Politics - Caste inequalities, Caste in politics, Politics in caste
SEPTEMBER	12	Revision
OCTOBER	20	<p>6. Political Parties:</p> <ul style="list-style-type: none"> •Why do we need Political Parties? – Meaning, Functions, Necessity •How many parties should we have? •National Parties •State Parties •Challenges to Political Parties •How can Parties be reformed? <p>7. Outcomes of Democracy:</p> <ul style="list-style-type: none"> •How do we assess democracy's outcomes? •Accountable, responsive and legitimate government •Economic growth and development •Reduction of inequality and poverty
NOVEMBER	13	<p>7. Outcomes of Democracy: (contd...)</p> <ul style="list-style-type: none"> •Accommodation of social diversity •Dignity and freedom of the citizens

EXAMINATIONS: 2025- 2026

NAME OF THE EXAMINATION	MONTH	MAX MARKS	CHAPTER/TOPICS
PERIODIC TEST – I	JULY	7.5	1. Power Sharing 2. Federalism
HALF YEARLY	SEP	20	1. Power Sharing 2. Federalism 3. Gender, Religion and Caste.
PRE BOARD – I	NOV	20	FULL SYLLABUS
PRE BOARD – II	DEC	20	FULL SYLLABUS
PRE BOARD – III	JAN	20	FULL SYLLABUS

SUBJECT: ARTIFICIAL INTELLIGENCE : 417

Prescribed Book:

A. Artificial Intelligence by ORANGE

Month	No of working days	Content
April	22	Part A: Unit 1. Communication Skills - II

		Unit 2. Self-Management Skills – II
May + June	21 + 06	Part A: Unit 4: Entrepreneurial Skills –II Unit 5: Green Skills – II Unit 3. ICT Skills – II
July + August	18 + 23	Part B: Unit 1: Revising AI Project Cycle & Ethical Framework for AI Unit 2: Advance Concept of Modeling in AI Unit 7: Advance Python: Basics of Python, Installation, Virtual Environment, Working on Jupyter Notebook
September	12	Part B: Unit 3: Evaluating Models Unit 7: Advance Python: Control Flow Statements
October + Novemeber	20 + 13	Part B: Unit 4: Statistical Data Unit 5: Computer Vision Unit 6: Natural Language Processing

EXAMINATIONS: 2025-2026

NAME OF EXAMINATION	Month	Max Marks	Chapter/Topic
PERIODIC TEST I	JULY	30	Part A: 1. Communication Skills 2. Self Mgmt. Skills 3. Entrepreneurial Skills
HALF YEARLY	SEP	100	Part A: Complete Part B:Unit 1 & Unit 7
PRE-BOARD I	NOV	50	Complete Syllabus
PRE-BOARD II	DEC	50	Complete Syllabus
PRE-BOARD III	JAN	50	Complete Syllabus

S.No.	Unit Name	Marks (Total 50)
1	Lab Test: • Basic Linux Command • Programming in Python	30
2	Report file: • File containing minimum 15 programs of Python.	8
3	Project (that uses most of the concepts that have been learnt, preferably AI and Python)	10
4	Viva voce	2

UNLEASH YOUR POTENTIAL WITH SUNBEAM ACADEMY

WHY US?

The **Adolescence Education Programme** (AEP) is an initiative aimed at addressing the unique needs and challenges faced by adolescents during their transitional phase from childhood to adulthood. Developed in response to concerns about adolescent health, well-being, and education, the AEP typically focuses on providing comprehensive education and support services to young people between the ages of 10 and 19.

Artificial Intelligence (AI) has the potential to significantly transform the field of education by offering innovative solutions to various challenges and enhancing the learning experience for students, educators, and educational institutions. AI has the potential to revolutionize education by personalizing learning experiences, optimizing educational outcomes, and transforming the way students learn and educators teach.

Atal Tinkering Labs (ATLs) are an initiative by the Government of India under the Atal Innovation Mission (AIM), which is part of the NITI Aayog. Launched in 2016, the aim of ATLs is to foster innovation, creativity, and problem-solving skills among school students across India. These labs provide a space for students to explore STEM (Science, Technology, Engineering, and Mathematics) concepts through hands-on experimentation, tinkering, and project-based learning.

Google Classroom is an online platform developed by Google for schools, educational institutions, and educators to facilitate communication, collaboration, and the management of coursework and assignments. It is part of the Google Workspace for Education suite of tools and is designed to streamline the process of distributing, collecting, and grading assignments, as well as providing a central hub for class resources and communication.

National Cadet Corps (NCC) is a youth organization in India. Established in 1948, the NCC operates under the Ministry of Defence and aims to develop character, discipline, leadership, and a spirit of adventure among young people. It is one of the largest uniformed youth organizations in the world, with units in schools, colleges, and universities across the country.

Hobby Class& Integrated Sports: Apart from Academic Learning Sunbeam Academy conducts training sessions for the development of students in their field of interest that includes wide range of sports activities such as Chess, Carom, Roller Skating, Netball, Basket Ball, Volley Ball, Table Tennis to mention a few. All these trainings are conducted by professionals who are amongst the best in their field.

SA Cricket Academy is established with a vision and commitment to shape the learners into a promising professional that are able to counter-act the pressing circumstances and emerge as a contributor in the last eleven; to begin with District, State and then Nation.

SA Shooting Academy one of its kind, first in Eastern U.P. with the state of art infrastructure, fully Air-conditioned equipped with the most experienced and sought out trainers.

The **VARK model** is a theory that categorizes different learning styles based on how individuals prefer to receive and process information. Developed by Neil Fleming in 1987, VARK stands for Visual, Auditory, Reading/Writing, and Kinesthetic.

1. **Visual (V):** Visual learners prefer to learn through visual aids such as diagrams, charts, maps, videos, and other graphical representations. They find it easier to understand information when it is presented in a visual format.
2. **Auditory (A):** Auditory learners learn best through listening and verbal communication. They prefer lectures, discussions, podcasts, and audio recordings. They often benefit from explanations given verbally and may remember information by repeating it aloud.
3. **Reading/Writing (R):** Reading/Writing learners prefer to learn through written language. They excel at reading books, articles, manuals, and other written materials. They also tend to take detailed notes and benefit from writing down information to reinforce their understanding.
4. **Kinesthetic (K):** Kinesthetic learners learn best through hands-on experiences and physical activities. They prefer to learn by doing, touching, and manipulating objects. They benefit from activities such as experiments, role-playing, simulations, and interactive exercises.

Cyber Security

As of now, we all are next to dependent over Internet globally; Cyber Security becomes essential for protecting our digital assets, including sensitive personal and financial information, intellectual property, and critical infrastructure. Cyber attacks can have serious consequences, including financial loss, reputational damage, and even physical harm.

With the increasing reliance on technology in virtually every aspect of modern life, cyber security has become a critical concern for individuals, businesses, governments, and organizations worldwide.

Netiquette

NET from INTERNET and QUETTE from ETIQUETTE forms the word **NETTIQUETTE**, referred to as "*etiquette for the internet*". It describes the rules of conduct for respectful and appropriate communication on the internet.

Mentions below are the list of rules one must follow while being online:

1. Refrain from personal abuse.
2. Never spam.
3. Write clearly and concisely.
4. Always post correct content in respectful language.
5. While being a part of discussion forums, stick to the concerned topic.
6. Do not post copyrighted material (material to which we do not own the rights).

Student Portfolio

Creating a student portfolio is an excellent way to showcase your academic achievements, skills, projects, and experiences to potential employers, academic institutions, or scholarship committees. Here in this context class IX and X students have to make their portfolio as it will be treated as part of Internal Assessment.

Here's a guide on how to create a compelling student portfolio:

1. **Choose a Platform:** Decide on the format and platform for your portfolio. You can create a physical portfolio using a binder or folder, or you can opt for a digital portfolio using a website builder, online portfolio platform, or a customizable template. You can use site.google.com (login with Google classroom school id)
2. **Select Content:** Gather materials to include in your portfolio, such as:
 - Academic transcripts
 - Certificates, awards, and honors
 - Projects and assignments
 - Research papers or essays
 - Extracurricular activities and leadership roles
 - Internship or work experience
 - Volunteer work or community service
 - Skills and competencies (e.g., language proficiency, computer skills)
 - Samples of creative work (e.g., artwork, writing samples, multimedia projects)
3. **Organize and Showcase:** Organize your content in a clear and visually appealing manner. Divide your portfolio into sections, such as:
 - About Me: Include a brief introduction, your educational background, career aspirations, and personal interests.
 - Academic Achievements: Highlight your academic accomplishments, including grades, test scores, scholarships, and academic awards.
 - Projects and Assignments: Showcase your best projects, assignments, or research work. Provide a brief description of each project, your role, and the skills or knowledge you gained.
 - Extracurricular Activities: Highlight your involvement in extracurricular activities, clubs, sports teams, or volunteer organizations. Describe your contributions and leadership roles.
 - Work Experience: Detail your internship, part-time job, or work experience. Describe your responsibilities, accomplishments, and skills developed.

- Skills and Competencies: List your relevant skills, competencies, certifications, and languages spoken. Provide examples or evidence of how you've applied these skills.
- Portfolio Extras: Consider including additional elements such as testimonials, letters of recommendation, or samples of your work.

4. **Design and Formatting:** Pay attention to the design and formatting of your portfolio to ensure it is visually appealing and easy to navigate. Choose a clean and professional layout, use consistent fonts and colors, and incorporate visuals such as photos, graphics, or icons to enhance the presentation.
5. **Proofread and Edit:** Review your portfolio carefully for errors in spelling, grammar, and formatting. Make sure all information is accurate, up-to-date, and relevant to your goals.
6. **Update Regularly:** Keep your portfolio updated with new achievements, projects, or experiences as you progress through your academic or professional journey. Regularly review and refine your portfolio to ensure it reflects your current skills, interests, and aspirations.
7. **Share and Promote:** Once your portfolio is complete, share it with your target audience, such as potential employers, academic advisors, or scholarship committees. You can share your digital portfolio via email, social media, or a personal website, or distribute physical copies as needed.

By following these steps, you can create a comprehensive and professional student portfolio that effectively showcases your talents, accomplishments, and potential to prospective opportunities

Important Tips for Student on Self Learning

Self-learning, also known as self-directed learning or independent study, is a valuable skill that can help you acquire knowledge, develop new skills, and achieve your personal and professional goals. Here are some important tips for effective self-learning:

1. **Set Clear Goals:** Define specific, achievable goals for your self-learning journey. Whether you want to learn a new language, master a programming language, or deepen your understanding of a particular subject, having clear goals will guide your learning process and keep you motivated.
2. **Create a Learning Plan:** Develop a structured learning plan that outlines what you want to learn, how you will learn it, and when you aim to achieve your goals. Break down your learning objectives into smaller, manageable tasks, and create a timeline or schedule to track your progress.
3. **Stay Organized:** Keep your learning materials, resources, and notes organized to facilitate efficient studying. Use tools such as notebooks, digital apps, or online platforms to manage your study materials, track your progress, and stay on top of your learning tasks.
4. **Be Consistent:** Establish a regular study routine and allocate dedicated time each day or week for self-learning. Consistency is key to making steady progress and retaining information effectively. Even short study sessions can add up over time and contribute to your overall learning success.
5. **Use Multiple Resources:** Explore a variety of learning resources and materials, including textbooks, online courses, video tutorials, podcasts, articles, and academic journals. Different resources offer different perspectives and formats, allowing you to gain a comprehensive understanding of the subject matter.
6. **Engage Actively:** Actively engage with the learning material by taking notes, asking questions, and seeking clarification on concepts that you find challenging. Experiment with different learning strategies, such as summarizing information in your own words, teaching concepts to others, or participating in online forums and discussions.

7. **Practice Regularly:** Practice is essential for reinforcing learning and developing mastery. Apply what you've learned through practical exercises, projects, or real-life applications. Practice regularly to build fluency, confidence, and proficiency in your chosen skill or subject area.
8. **Seek Feedback and Evaluation:** Solicit feedback from peers, mentors, or experts to assess your progress, identify areas for improvement, and gain valuable insights. Reflect on your learning experiences, celebrate your achievements, and learn from setbacks or challenges along the way.
9. **Stay Motivated:** Stay motivated and inspired by reminding yourself of your goals, celebrating your progress, and staying curious and enthusiastic about the learning process. Find ways to make learning enjoyable and rewarding, whether it's by setting rewards for reaching milestones, connecting with a supportive learning community, or exploring topics that genuinely interest you.
10. **Be Flexible and Adapt:** Be flexible and open-minded in your approach to learning. Be willing to adapt your learning plan, explore new resources, and adjust your strategies based on your evolving needs and circumstances. Embrace challenges as opportunities for growth and learning.

By applying these tips and principles, you can enhance your self-learning skills, maximize your learning potential, and achieve your learning goals effectively and efficiently

Sunbeam Academy and New Education Policy:

The National Education Policy (NEP) refers to the comprehensive framework and guidelines that govern the development and implementation of education policies in India. The NEP is periodically reviewed and updated to address evolving challenges and priorities in the education sector. The most recent NEP was approved by the Government of India in Aug 2020, marking a significant overhaul of the country's education system.

Key highlights of the National Education Policy 2020 inculcated by Sunbeam Academy:

1. **Foundational Reforms:** Sunbeam Academy emphasizes foundational reforms in early childhood care and education, with a focus on ensuring universal access to quality pre-school education for children aged 3 to 6 years thus aiming to provide a strong foundation for learning and development from an early age.
2. **School Education:** Sunbeam Academy advocates for a holistic and multidisciplinary approach to school education, with an emphasis on promoting critical thinking, creativity, and experiential learning.
3. **Multilingualism and Mother Tongue:** Sunbeam Academy promotes multilingualism and the use of the mother tongue or local language as the medium of instruction in early childhood education and primary school. It recognizes the importance of preserving and promoting linguistic diversity while ensuring proficiency in multiple languages.
4. **Assessment Reforms:** Sunbeam Academy proposes a shift from rote learning and high-stakes examinations to competency-based assessment methods that focus on assessing students' conceptual understanding, creativity, and problem-solving abilities. It emphasizes formative assessment and continuous evaluation to support holistic development.
5. **Teacher Training and Professional Development:** Sunbeam Academy emphasizes the importance of teacher training and professional development to enhance the quality of teaching and learning and therefore conducts multiple Resource Up-skilling Seminars and Workshops for continuous professional development.
6. **Integration of Technology:** Sunbeam Academy has integrated technology in education to enhance access, equity, and quality. Sunbeam Academy uses digital technologies for content creation, delivery, and assessment, as well as for teacher training and professional development.

Overall, the National Education Policy 2020 aims to transform India's education system to meet the needs of the 21st century, promote holistic development, and prepare students for the challenges and opportunities of the future to which Sunbeam Academy has incorporated up-to more than a level of satisfaction.

GOLDEN RULES

We Respect

We use " Jai Hind " to greet everyone.



We are gentle

We don't hurt others



We are kind and helpful

We don't hurt anybody's feelings



We listen

We don't interrupt



We are honest

We don't cover up the truth



We work hard

We don't waste our own or other's time



We look after property

We don't waste or damage things



We Walk

We stick to the left with hands at the back.

