

SYLLABUS PLAN FOR THE SESSION 2026-27

CLASS: 10 ENGLISH

The learning objectives of English Language and Literature (Code No. 184) include:

- Communication: Develop the ability to communicate effectively in writing and orally
- Critical thinking: Develop the ability to independently reflect and inquire
- Language skills: Develop the ability to use English in a variety of social settings
- Vocabulary: Expand vocabulary through reading and speaking
- Grammar: Develop an understanding of basic grammar structures
- Reference skills: Learn how to access information using reference materials like dictionaries, thesaurus, and the internet
- Reading: Develop curiosity and creativity through reading
- Writing: Develop broad writing skills and the ability to structure ideas coherently
- Listening: Develop the ability to understand what is heard, including statements, questions, instructions, and commands
- Cultural awareness: Develop an appreciation of other varieties of English and the culture they reflect

APRIL	MAY	JULY
FIRST FLIGHT 1. A letter to GOD 2. Dust of snow (poem) 3. Fire & Ice (poem) 4. Nelson Mandela- A long walk to freedom FOOTPRINTS WITHOUT FEET 1. A Triumph of surgery 2. The Thief's story FORMAL LETTER	FIRST FLIGHT 1. A Tiger in the Zoo (Poem) FOOTPRINTS WITHOUT FEET 1. The Proposal DATA INTERPRETATION GRAMMAR PRACTICE	FIRST FLIGHT 1. Two stories about Flying 2. How to tell Wild Animals 3. From the Diary of Anne Frank 4. The Ball Poem FOOTPRINTS WITHOUT FEET 1. A Question of Trust 2. The Midnight Visitor Letter of complaint and Enquiry. SPEAKING SKILLS
AUGUST	SEPTEMBER	OCTOBER
FIRST FLIGHT 1. Amanda (Poem) 2. Glimpses of India FOOTPRINTS WITHOUT FEET 1. Footprints Without Feet 2. The making of a Scientist Letter of Order	FIRST FLIGHT 1. Mijbil the Otter Half Yearly	FIRST FLIGHT 1. Trees (Poem) 2. Madam rides The Bus 3. Fog (Poem) FOOTPRINTS WITHOUT FEET 1. The Necklace 2. Bholi
NOVEMBER	DECEMBER	JANUARY
FIRST FLIGHT 1. The Tale of Custard the Dragon (Poem) 2. For Anne Gregory (Poem) 3. The Sermon at Benares 4. FOOTPRINTS WITHOUT FEET 1 The Book that Saved the Earth	PRE-BOARD 1	PRE-BOARD 2 February Board Exam.

PA1 SYLLABUS	1. A letter to GOD, 2. Dust of snow (poem), 3. Fire & Ice (poem) 4. A Triumph of surgery, 5 Nelson Mandela- A long walk to freedom. 7. Formal Letter, 8. Grammer
HALF YEARLY SYLLABUS	FIRST FLIGHT 1. A letter to GOD 2. Dust of snow (poem) 3. Fire & Ice (poem) 4. Nelson Mandela- A long walk to freedom 5. A Tiger in the Zoo (Poem) 6. Two stories about Flying 7. How to tell Wild Animals 8. From the Diary of Anne Frank 9. The Ball Poem 10. Amanda (Poem) 11. Glimpses of India 12. The Proposal 13. Mijbil the Otter FOOTPRINTS WITHOUT FEET 1. A Triumph of surgery 2. The Thief's story 3. The Midnight Visitor 4. A Question of Trust 5. Footprints Without Feet 6. The making of A Scientist Reading Comprehension Writing tasks and Grammar: 1. Letter to the Editor, 2. Letter of complaint, 3. Letter of order, and enquiry 4. Analysis of data (graph/pie chart etc). 5.Fill ups, 6. Editing/Omission, 7. Reported Speech
PRE-BOARD 1	Complete Syllabus
PRE-BOARD 2	Complete Syllabus
FINAL	Complete Syllabus

SYLLABUS PLAN FOR THE SESSION 2026-27
CLASS: 10 SUBJECT: HINDI

LEARNING OBJECTIVES:

- दैनिक जीवन में हिंदी में समझने-बोलने के साथ-साथ लिखने की क्षमता का विकास करना।
- हिंदी के किशोर-साहित्य, अखबार व पत्रिकाओं को पढ़कर समझ पाना और उसका आनंद उठाने की क्षमता का विकास करना।
- हिंदी के ज़रिए अपने अनुभव संसार को लिखकर सहज अभिव्यक्ति कर पाने में सक्षम बनाना।
- कविता, कहानी तथा घटनाओं को रोचक ढंग से लिखना।
- भाषा एवं साहित्य को समझने एवं आत्मसात करने की दक्षता का विकास।

APRIL	MAY	JULY
स्पर्श : बड़े भाई साहब, कबीर की साखियाँ व्याकरण : पदबंध, समास (द्विगु, द्वंद्व, तत्पुरुष), मुहावरे (पाठों पर आधारित व्याकरण)	संचयन : हरिहर काका व्याकरण : औपचारिक पत्र (प्रधानाचार्या, सम्पादक)	स्पर्श : मीरा के पद, डायरी का एक पन्ना, मनुष्यता, ततारा वामीरो कथा व्याकरण : वाक्य रूपांतरण, पत्र - थानाध्यक्ष, नगरनिगम संबंधित अनुच्छेद लेखन, श्रवण कौशल
AUGUST	SEPTEMBER	OCTOBER
स्पर्श : पर्वत प्रदेश में पावस, तोप, तीसरी कसम के शिल्पकार शैलेंद्र संचयन : सपनों के से दिन व्याकरण : मुहावरे लेखन - सूचना लेखन, विज्ञापन लेखन, ई - मेल लेखन, लघुकथा	स्पर्श : अब कहाँ दूसरों के दुख से दुखी होने वाले व्याकरण: अव्ययीभाव समास	स्पर्श : पतझड़ में टूटी पत्तियाँ, कारतूस, कर चले हम फ़िदा, आत्मत्राण व्याकरण - समास (बहुब्रीहि, कर्मधारय), वाचन कौशल
NOVEMBER	DECEMBER	JANUARY
संचयन : टोपी शुक्ला व्याकरण : पत्र (बैंक प्रबंधक, परिवहन, बिजली सम्बंधित)	स्पर्श : पुनरावृत्ति व्याकरण : पुनरावृत्ति Pre-Board 1	Pre-Board 2
FEBRUARY		
Final Exam		

PA1	स्पर्श - बड़े भाई साहब, कबीर की साखियाँ संचयन - हरिहर काका व्याकरण - समास (द्विगु, द्वंद्व, तत्पुरुष), पदबंध, मुहावरे पत्र लेखन
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HALF YEARLY	स्पर्श भाग 2 बड़े भाई साहब, डायरी का एक पन्ना, ततार्रा वामीरो कथा, तीसरी कसम के शिल्पकार शैलेंद्र, कबीर की साखियाँ, मीरा के पद, मनुष्यता, पर्वत प्रदेश में पावस , तोप संचयन भाग 2 हरिहर काका सपनों के से दिन व्याकरण पदबंध, रचना के आधार पर वाक्य रूपांतरण, मुहावरे, समास(द्विगु , द्वंद्व , तत्पुरुष,अव्ययीभाव),अपठित गद्यांश, अनुच्छेद लेखन, पत्र लेखन(औपचारिक) , सूचना लेखन, विज्ञापन लेखन, कहानी लेखन, ई-मेल लेखन , लघुकथा लेखन
First Preboard (PA -2)	स्पर्श भाग 2 बड़े भाई साहब , डायरी का एक पन्ना, ततार्रा वामीरो कथा, तीसरी कसम के शिल्पकार शैलेंद्र, अब कहाँ दूसरों के दुख में दुखी होने वाले, पतझर में टूटी पत्तियाँ (गिन्नी का सोना , झेन की देन), कारतूस कबीर की साखियाँ ,मीरा के पद, मनुष्यता, पर्वत प्रदेश में पावस, तोप ,कर चले हम फिदा, आत्मत्राण संचयन भाग 2 हरिहर काका सपनों के से दिन टोपी शुक्ला व्याकरण पदबंध, रचना के आधार पर वाक्य रूपांतरण, मुहावरे, समास(सभी) अपठित गद्यांश, अनुच्छेद लेखन, पत्र लेखन(औपचारिक), सूचना लेखन, विज्ञापन लेखन, कहानी लेखन(लघुकथा), ई-मेल लेखन
Second Preboard	Full Syllabus

SYLLABUS PLAN FOR THE SESSION 2026 -27

CLASS 10. SUBJECT PUNJABI

LEARNING OBJECTIVES:

- Develops the capacity for effective communication using language skill for description and analysis and response.
- Appreciate the language and literary and cultural heritage in the related to language by exploring the various forms of literary devices (simile metaphor personification (alankar) ,idioms, proverbs) ,variety of literature and use them in writing.
- Develops the ability to recognize basic linguistic aspects (writes prose , poetry using appropriate style and language.

ਪੁਸਤਕਾਂ ਦੇ ਨਾਂ:

ਸਾਹਿਤ ਮਾਲਾ: 10

ਵੰਨਗੀ: 10

ਵਿਆਕਰਨ: (ਐਵਰਗਰੀਨ) ਪੰਜਾਬੀ ਵਿਆਕਰਨ ਅਤੇ ਲੇਖ ਰਚਨਾ9-10

APRIL ਕਵਿਤਾ : ਸੋ ਕਿਉਂ ਮੰਦਾ ਆਖਿਐ ਕਹਾਣੀ : ਕੁਲਫੀ ਵਿਆਕਰਨ: ਸਮਾਸੀ ਸ਼ਬਦ, ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ, ਚਿੱਤਰ ਵਰਨਣ ਬਿਨੈ-ਪੱਤਰ	MAY ਕਵਿਤਾ : ਕਿਰਪਾ ਕਰਿ ਕੈ ਬਖਸਿ ਲੈਹੁ ਵਾਰਤਕ : ਘਰ ਦਾ ਪਿਆਰ ਕਹਾਣੀ: ਅੰਗ- ਸੰਗ ਵਿਆਕਰਨ: ਸਮਾਸੀ ਸ਼ਬਦ, ਬਹੁਅਰਥਕ ਸ਼ਬਦ, ਮੁਹਾਵਰੇ (ਕ,ਖ) ਲੇਖ: ਵਿਚਾਰ ਪ੍ਰਧਾਨ	JULY ਕਵਿਤਾ : ਤੂੰ ਮੇਰਾ ਪਿਤਾ ਤੂੰ ਹੈ ਮੇਰਾ ਮਾਤਾ ਵਾਰਤਕ : ਬੋਲੀ ਵਿਆਕਰਨ: ਅਗੇਤਰ-ਪਿਛੇਤਰ, ਬਹੁਅਰਥਕ ਸ਼ਬਦ, ਮੁਹਾਵਰੇ (ਗ ,ਘ) ਨਿੱਜੀ ਪੱਤਰ
AUGUST ਇਕਾਂਗੀ: ਜਫ਼ਰਨਾਮਾ ਵਾਰਤਕ:ਪ੍ਰਾਰਥਨਾ, ਅਣਡਿੱਠਾ ਪੈਰਾ ,ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ, ਚਿੱਤਰ ਵਰਨਣ ਦੁਹਰਾਈ ਕਾਰਜ	SEPTEMBER ਦੁਹਰਾਈ ਕਾਰਜ Half yearly exam ਮੁਹਾਵਰੇ-(ਚ,ਛ)	OCTOBER ਕਵਿਤਾ : ਸਤਿਗੁਰ ਨਾਨਕ ਪ੍ਰਗਟਿਆ ਵਾਰਤਕ : ਮੇਰੇ ਵੱਡੇ-ਵੱਡੇ ਕਹਾਣੀ: ਧਰਤੀ ਹੇਠਲਾ ਬਲਦ ਵਿਆਕਰਨ: ਮੁਹਾਵਰੇ(ਜ)
NOVEMBER ਕਵਿਤਾ : ਜੰਗ ਦਾ ਹਾਲ ਵਾਰਤਕ : ਤੁਰਨ ਦਾ ਹੁਨਰ ਇਕਾਂਗੀ: ਦੂਜਾ ਵਿਆਹ ਵਿਆਕਰਨ:ਮੁਹਾਵਰੇ (ਝ) ਦੁਹਰਾਈ ਕਾਰਜ	DECEMBER PRE- BOARD 1 EXAM	JANUARY PRE-BOARD 2 EXAM
FEBRUARY	MARCH -	

BOARD EXAM		
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PA1 : ਕਵਿਤਾ : ਸੇ ਕਿਉ ਮੰਦਾ ਆਖਿਐ

ਕਹਾਣੀ : ਕੁਲਫੀ

ਵਾਰਤਕ: ਘਰ ਦਾ ਪਿਆਰ

ਵਿਆਕਰਨ: ਸਮਾਸੀ ਸ਼ਬਦ, ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ,

ਮੁਹਾਵਰੇ (ਕ,ਖ)

ਬਿਨੈ-ਪੱਤਰ

HALF YEARLY:ਕਵਿਤਾ : ਸੇ ਕਿਉ ਮੰਦਾ ਆਖਿਐ , ਕਿਰਪਾ ਕਰਿ ਕੈ ਬਖਸਿ ਲੈਹੁ, ਤੂੰ ਮੇਰਾ ਪਿਤਾ ਤੂੰ ਹੈ ਮੇਰਾ ਮਾਤਾ

ਵਾਰਤਕ : ਘਰ ਦਾ ਪਿਆਰ,ਬੋਲੀ, ਪ੍ਰਾਰਥਨਾ

ਕਹਾਣੀ: ਕੁਲਫੀ ,ਅੰਗ-ਸੰਗ

ਇਕਾਂਗੀ: ਜ਼ਫ਼ਰਨਾਮਾ

ਵਿਆਕਰਨ: ਸਮਾਸੀ ਸ਼ਬਦ, ਬਹੁਅਰਥਕ ਸ਼ਬਦ, ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ, ਅਗੇਤਰ-ਪਿਛੇਤਰ, ਮੁਹਾਵਰੇ (ਕ,ਖ,ਗ,ਘ ਵਾਲੇ)

ਲੇਖ: ਵਿਚਾਰ ਪ੍ਰਧਾਨ ਅਤੇ ਆਮ ਵਿਸ਼ੇ

ਪੱਤਰ ਰਚਨਾ : ਬਿਨੈ ਪੱਤਰ, ਨਿੱਜੀ ਪੱਤਰ

ਚਿੱਤਰ ਵਰਨਣ,

ਅਣਡਿੱਠਾ ਪੈਰਾ,ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ

PA2 :

ਕਵਿਤਾ : ਸਤਿ ਗੁਰੂ ਨਾਨਕ ਪ੍ਰਗਟਿਆ, ਜੰਗ ਦਾ ਹਾਲ

ਵਾਰਤਕ : ਪ੍ਰਾਰਥਨਾ, ਮੇਰੇ ਵੱਡੇ-ਵੱਡੇ

ਕਹਾਣੀ: ਧਰਤੀ ਹੇਠਲਾ ਬਲਦ,ਅੰਗ-ਸੰਗ

ਵਿਆਕਰਨ: ਮੁਹਾਵਰੇ (ਚ,ਛ,ਜ,ਝ)

ਵਿਆਕਰਨ: ਸਮਾਸੀ ਸ਼ਬਦ, ਬਹੁਅਰਥਕ ਸ਼ਬਦ, ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ, ਅਗੇਤਰ-ਪਿਛੇਤਰ, ਮੁਹਾਵਰੇ (ਕ,ਖ,ਗ,ਘ ਵਾਲੇ)

ਲੇਖ: ਵਿਚਾਰ ਪ੍ਰਧਾਨ ਅਤੇ ਆਮ ਵਿਸ਼ੇ

ਪੱਤਰ ਰਚਨਾ : ਬਿਨੈ ਪੱਤਰ, ਨਿੱਜੀ ਪੱਤਰ

ਚਿੱਤਰ ਵਰਨਣ,

ਅਣਡਿੱਠਾ ਪੈਰਾ,ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ

PRE- BOARD 1: PA2 SYLLABUS

PRE BOARD 2:

COMPLETE SYLLABUS AS PER CBSE

BOARD EXAM

SYLLABUS PLAN FOR THE SESSION 2026-27

CLASS: 10

SUBJECT: MATHEMATICS

LEARNING OBJECTIVES:

The learner should be able to:

- acquire knowledge of mathematical terms, symbols, concepts, principles, and formulas.
- develop an understanding of number systems, algebra, coordinate geometry, geometry, trigonometry, and probability.
- cultivate the ability to analyse problems, identify patterns, and make logical deductions.
- apply deductive reasoning to prove geometric theorems and algebraic identities.
- develop skills in calculations, formula application, and graphical representation to solve mathematical problems.
- solve complex, multi-step problems, including those related to real-life situations and other disciplines.
- apply mathematical knowledge to daily life, such as in consumer arithmetic and measurement.
- foster a positive, confident, and curious attitude toward learning mathematics.
- appreciate the role of mathematics in culture, civilization, and various fields of study.

APRIL	MAY	JULY
CH 3 Pair of Linear Equations in Two Variables CH 2 Polynomials	CH 4 Quadratic Equations CH 1 Real Numbers PERIODIC ASSESSMENT 1	CH 5 Arithmetic Progression CH 6 Triangles
AUGUST	SEPTEMBER	OCTOBER
CH14 Probability CH 8 Introduction to Trigonometry	HALF YEARLY EXAMINATION CH 9 Applications of Trigonometry	CH7 Coordinate Geometry CH 13 Statistics CH 12 Surface Areas and Volumes
NOVEMBER	DECEMBER	JANUARY
CH 10 Circles CH 11 Areas related to Circles	PREBOARD I	Revision PREBOARD II
FEBRUARY		
BOARD EXAMINATION COMMENCE		

PA1	1 CH 2 Polynomials 2.CH 3 Pair of Linear Equations in Two Variables 3.CH 4 Quadratic Equations
HALF YEARLY	1.CH 1 Real Numbers 2.CH 2 Polynomials 3.CH 3 Pair of Linear Equations in Two Variables 4.CH 4 Quadratic Equations 5.CH 5 Arithmetic Progression 6.CH 6 Triangles 7.CH 8 Introduction to Trigonometry 8.CH14 Probability
PBI	CH 1-14(FULL SYLLABUS)
PBII	CH 1-14(FULL SYLLABUS)

SYLLABUS PLAN FOR THE SESSION 2026-27

CLASS: 10; SUBJECT: SCIENCE

LEARNING OUTCOMES:

Students will be able to

differentiate between materials, objects, organisms, phenomena, and processes, based on, properties and characteristics, such as, autotrophic and heterotrophic nutrition, biodegradable and non-biodegradable substances, various types of reactions, strong and weak acids and bases, acidic, basic, and neutral salts using different indicators, real and virtual images, etc

classify materials, objects, organisms, phenomena, and processes, based on properties and characteristics, such as, metals and non-metals, acid and bases on the basis of their physical and chemical properties

plan and conduct investigations and experiments to arrive at and verify the facts, principles, phenomena, or to seek answers to queries on their own, such as, investigate conditions necessary for rusting, test the conductivity of various solutions, compare the foaming capacity of different types of soap samples, verify laws of reflection and refraction of light, Ohm's law, etc.

relate processes and phenomena with causes and effects, such as, hormones with their functions, tooth decay with pH of saliva, growth of plants with pH of the soil, survival of aquatic life with pH of water, blue colour of sky with scattering of light, deflection of compass needle due to magnetic effect of electric current, etc.

explain processes and phenomena, such as, nutrition in human beings and plants, transportation in plants and animals, extraction of metals from ores, displacement of metals from their salt solutions on the basis of reactivity series, of stars, formation of rainbow, etc.

draw labelled diagrams, flow charts, concept maps, and graphs, such as, digestive, respiratory, circulatory, excretory, and reproductive systems, electrolysis of water, electron dot structure of atoms and molecules, flowchart for extraction of metals from ores, ray diagrams, magnetic field lines, etc.

analyse and interpret data, graphs, and figures, such as, melting and boiling points of substances to differentiate between covalent and ionic compounds, pH of solutions to predict the nature of substances, V-I graphs, ray diagrams, etc.

calculate using the data given, such as, number of atoms in reactants and products to balance a chemical equation, resistance of a system of resistors, power of a lens, electric power, etc.

use scientific conventions to represent units of various quantities, symbols, formulae, and equations, such as, balanced chemical equation by using symbols and physical states of substances, sign convention in optics, SI units, etc.

handle tools and laboratory apparatus properly; measures physical quantities using appropriate apparatus, instruments, and devices, such as, pH of substances using pH paper, electric current and potential difference using ammeter and voltmeter, etc.

apply scientific concepts in daily life and solving problems, such as, suggest precautions to prevent sexually transmitted infections, uses appropriate electrical plugs (5/15A) for different electrical devices, uses vegetative propagation to develop saplings in gardens, perform exercise to keep in good health, avoid using appliances responsible for ozone layer depletion, apply concept of decomposition reaction of baking soda to make spongy cakes, etc.

derive formulae, equations, and laws, such as, equivalent resistance of resistors in series and parallel, etc

draw conclusion, such as, traits or features are inherited through genes present on chromosomes, a new species originates through evolutionary processes, water is made up of hydrogen and oxygen, potential difference across a metal conductor is proportional to the electric current flowing through it, etc.

take initiative to know about scientific discoveries and inventions, such as, Mendel's contribution in understanding the concept of inheritance, Oersted's discovery that electricity and magnetism are related,

discovery of relation between potential difference across a metal conductor and the electric current flowing through it by Ohm, etc.

exhibit creativity in designing models using eco-friendly resources, such as, working model of respiratory, digestive, and excretory systems, formation of diamond, graphite, and Buckminsterfullerene
exhibit values of honesty, objectivity, rational thinking, and freedom from myth and superstitious beliefs while taking decisions, respect for life, etc., such as, report and record experimental data accurately, says no to consumption of alcohol and drugs, sensitise others about its effect on physical and mental health, sensitise for blood and organ donations, understand the consequences of pre-natal sex determination, etc.
communicate the findings and conclusions effectively, such as, those derived from experiments, activities, and projects orally and inwritten form using appropriate figures, tables, graphs, and digital forms, etc.

make efforts to conserve environment realising the inter- dependency and interrelationship in the biotic and abiotic factors of environment, such as, appreciates and promotes segregation of biodegradable and non-biodegradable wastes, minimise the use of plastics, etc.

APRIL	MAY	JULY
Ch 1: Chemical Reactions and Equations (CHEM) Ch 5: Life Processes (BIO) Ch 9: Light – Reflection and Refraction (PHY)	Ch 2: Acids, Bases and Salts (CHEM) Ch 5: Life Processes (cont) (BIO) Ch 9: Light – Reflection and Refraction (PHY)	Ch 2: Acids, Bases and Salts (CHEM) Ch 6: Control and Coordination (BIO) Ch 9: Light – Reflection and Refraction (PHY)
AUGUST	SEPTEMBER	OCTOBER
Ch 3: Metals and Non-metals (CHEM) Ch 6: Control and Coordination (BIO) Ch 13: Our Environment (BIO) Ch 10: Human Eye and The Colourful World (PHY)	Half-Yearly Examination	Ch 3: Metals and Non-metals (cont) (CHEM) Ch 7: How do Organisms Reproduce (BIO) Ch 11: Electricity (PHY)
NOVEMBER	DECEMBER	JANUARY
Ch 4: Carbon and Its Compounds (CHEM) Ch 9: Heredity (BIO) Ch 11: Electricity (cont) (PHY) Ch 12: Magnetic Effects of Electric Current (PHY)	Ch 9: Heredity (cont) (BIO) Ch 12: Magnetic Effects of Electric Current (PHY) Pre-Board 1 Examination	Pre-Board 2 Examination
		FEBRUARY
		Board Examination

PA1	CHEMISTRY Ch 1: Chemical Reactions and Equations BIOLOGY Ch 5: Life Processes (Nutrition) PHYSICS Ch 9: Light – Reflection
HALF YEARLY	CHEMISTRY Ch 1: Chemical Reactions and Equations Ch 2: Acids, Bases and Salts BIOLOGY Ch 5: Life Processes Ch 6: Control and Coordination Ch 13: Our Environment PHYSICS Ch 9: Light- Reflection and Refraction Ch 10: The Human Eye and Colourful World
PREBOARD 1	CHEMISTRY Ch 1: Chemical Reactions and Equations Ch 2: Acids, Bases and Salts Ch 3: Metals and Non-metals Ch 4: Carbon and its Compounds BIOLOGY Ch 5: Life Processes Ch 6: Control and Coordination Ch 7: How do Organisms Reproduce Ch 13: Our Environment PHYSICS Ch 9: Light – Reflection and Refraction Ch 10: Human Eye and Colourful World Ch 11: Electricity
PREBOARD 2	FULL SYLLABUS (Ch 1-13)

SYLLABUS PLAN FOR THE SESSION 2026-27

CLASS: 10 SUBJECT: SST

LEARNING OBJECTIVES:

History (India and the Contemporary World – II)

1. **Understand key historical events** such as nationalism, colonialism, and major revolutions, and their impact on society.
2. **Analyze causes and consequences** of events like the rise of nationalism in India and Europe.
3. **Develop critical thinking** by interpreting sources (pictures, texts, cartoons) and connecting past events with present-day situations.

Civics (Democratic Politics – II)

1. **Explain democratic principles** like power-sharing, federalism, and rights of citizens.
2. **Evaluate the functioning of democracy** through institutions such as Parliament, judiciary, and political parties.
3. **Develop awareness of rights and responsibilities** to become active and responsible citizens.

Geography (Contemporary India – II)

1. **Understand distribution of resources** (natural, human, industrial) and their importance for development.
2. **Analyze environmental issues** such as resource depletion, conservation, and sustainable development.
3. **Interpret maps, data, and case studies** to understand spatial patterns and regional differences.

Economics (Understanding Economic Development)

1. **Understand basic economic concepts** like development, sectors of economy, and money & credit.
2. **Analyze economic issues** such as poverty, unemployment, and globalization.
3. **Develop decision-making skills** by evaluating economic choices in real-life situations.

APRIL	MAY	JULY
CH 1 POWER SHARING (C) CH 1 DEVELOPMENT (E) CH 1 RESOURCES AND DEVELOPMENT (G)	CH-1 NATIONALISM IN EUROPE (H) CH 2 FEDERALISM (C) PA 1	CH 2 FOREST RESOURCES (G) CH 3 WATER RESOURCES (G) CH 2 SECTORS OF THE ECONOMY (E)
AUGUST	SEPTEMBER	OCTOBER

CH 4 AGRICULTURE (G) CH 3 GENDER CASTE & RELIGION (C) CH-2 NATIONALISM IN INDIA(H) CH 4- INDUSTRIALIZATION (H)	CH 3 MONEY & CREDIT (E) CH 3 The Making of a Global World (H) (To be evaluated in the Board Examination Subtopics: 1 to 1.3 Pre Modern World to Conquest, disease and trade) Half yearly exams 2026	CH 4 GLOBALIZATION & THE ECO. (E) CH 5 PRINT CULTURE (H)
NOVEMBER	DECEMBER	JANUARY
CH 4 POLITICAL PARTIES (C) CH -5 OUTCOMES OF DEMOCRACY (C) CH-5 MINERAL RESOURCES (G)	CH 6 MANUFACTURING INDUSTRIES (G) CH 7 LIFELINES OF NATIONAL ECONOMY (G) (Only map pointing to be evaluated in the Board Examination) PRE-BOARD 1	PRE-BOARD 2
FEBRUARY		
BOARDS		

PA1	CH 1 POWER SHARING (c) CH 1 DEVELOPMENT (E) CH 1 RESOURCES AND DEVELOPMENT (G) CH-1 NATIONALISM IN EUROPE (H)
HALF YEARLY	CIVICS CH-1 POWER SHARING CH-2 FEDERALISM CH-3 GENDER, CASTE & RELIGION GEOGRAPHY CH-1 RESOURCES AND DEVELOPMENT CH-2 FOREST RESOURCES CH-3 WATER RESOURCES CH-4 AGRICULTURE

	ECONOMICS CH-1 DEVELOPMENT CH-2 SECTORS OF THE ECONOMY CH-3 MONEY & CREDIT HISTORY CH-1 NATIONALISM IN EUROPE CH-2 NATIONALISM IN INDIA CH-3 INDUSTRIALIZATION
Preboard 1	CIVICS CH 1 POWER SHARING CH 2 FEDERALISM CH 3 GENDER CASTE & RELIGION CH 4 POLITICAL PARTIES CH -5 OUTCOMES OF DEMOCRACY GEOGRAPHY CH 1 RESOURCES AND DEVELOPMENT CH 2 FOREST RESOURCES CH 3 WATER RESOURCES CH 4 AGRICULTURE CH-5 MINERAL RESOURCES CH 6 MANUFACTURING INDUSTRIES CH 7 LIFELINES OF NATIONAL ECONOMY (Only map pointing to be evaluated in the Board Examination) ECONOMICS CH 1 DEVELOPMENT CH 2 SECTORS OF THE ECONOMY CH 3 MONEY & CREDIT CH 4 GLOBALISATION AND THE INDIAN ECONOMY HISTORY CH-1 NATIONALISM IN EUROPE CH-2 NATIONALISM IN INDIA CH-3 THE MAKING OF A GLOBAL WORLD CH 5 PRINT CULTURE
PREBOARD 2	FULL SYLLABUS CIVICS CH 1 POWER SHARING CH 2 FEDERALISM CH 3 GENDER CASTE & RELIGION CH 4 POLITICAL PARTIES CH -5 OUTCOMES OF DEMOCRACY GEOGRAPHY CH 1 RESOURCES AND DEVELOPMENT CH 2 FOREST RESOURCES

CH 3 WATER RESOURCES
 CH 4 AGRICULTURE
 CH-5 MINERAL RESOURCES
 CH 6 MANUFACTURING INDUSTRIES
 CH 7 LIFELINES OF NATIONAL ECONOMY
 (Only map pointing to be evaluated in the Board Examination)

ECONOMICS

CH 1 DEVELOPMENT
 CH 2 SECTORS OF THE ECONOMY
 CH 3 MONEY & CREDIT
 CH 4 GLOBALISATION AND THE INDIAN ECONOMY

HISTORY

CH-1 NATIONALISM IN EUROPE
 CH-2 NATIONALISM IN INDIA
 CH-3 THE MAKING OF A GLOBAL WORLD
 CH 5 PRINT CULTURE

MAP WORK

Subject	Name of the Chapter	List of areas to be located/ labeled/ identified on the map		
History	Nationalism in India	I. Congress sessions: • 1920 Calcutta • 1920 Nagpur • 1927 Madras session II. 3 Satyagraha movements: • Kheda • Champaran • Ahmedabad mill workers III. Jallianwala Bagh IV. Dandi March		
Geography	Resources and Development	Identify Major Soil Types		
	Water Resources	Locating and Labeling: <table><tr><td> • Salal • Bhakra Nangal • Tehri • Rana Pratap Sagar </td><td> • Sardar Sarovar • Hirakund • Nagarjun Sagar • Tungabhadra </td></tr></table>	• Salal • Bhakra Nangal • Tehri • Rana Pratap Sagar	• Sardar Sarovar • Hirakund • Nagarjun Sagar • Tungabhadra
	• Salal • Bhakra Nangal • Tehri • Rana Pratap Sagar	• Sardar Sarovar • Hirakund • Nagarjun Sagar • Tungabhadra		
	Agriculture	Identify: • Major areas of Rice and Wheat • Largest/Major producer states of Sugarcane, Tea, Coffee, • Rubber, Cotton and Jute		
Minerals and Energy Resources	Identify: <table><tr><td>Iron Ore Mines Mayurbhanj Durg Bailadila Bellary Kudremukh</td><td>Coal Mines Raniganj Bokaro Talcher Neyveli</td><td>Oil Fields Digboi Naharkatia Mumbai High Bassien Kalol Ankaleshwar</td></tr></table>	Iron Ore Mines Mayurbhanj Durg Bailadila Bellary Kudremukh	Coal Mines Raniganj Bokaro Talcher Neyveli	Oil Fields Digboi Naharkatia Mumbai High Bassien Kalol Ankaleshwar
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		Locate and label: Power Plants <table><tr><td>Thermal • Namrup • Singrauli • Ramagundam </td><td>Nuclear • Narora • Kakrapara • Tarapur • Kalpakkam </td></tr></table>	Thermal • Namrup • Singrauli • Ramagundam	Nuclear • Narora • Kakrapara • Tarapur • Kalpakkam
Thermal • Namrup • Singrauli • Ramagundam	Nuclear • Narora • Kakrapara • Tarapur • Kalpakkam			

		<table><tr><td>Manufacturing Industries</td><td> - Manufacturing Industries (Locating and labeling only) - Cotton textile Industries: a. Mumbai, b. Indore, c. Surat, d. Kanpur, e. Coimbatore - Iron and Steel Plants: a. Durgapur, b. Bokaro, c. Jamshedpur, d. Bhilai, e. Vijayanagar, f. Salem - Software technology Parks: a. Noida, b. Gandhinagar, c. Mumbai, d. Pune, e. Hyderabad, f. Bengaluru, g. Chennai, h. Thiruvananthapuram </td></tr><tr><td>Lifelines of National Economy</td><td> Locating and Labeling a. Major Sea Ports <table><tr><td> - Kandla - Mumbai - Marmagao - New Mangalore - Kochi </td><td> - Tuticorin - Chennai - Visakhapatnam - Paradip - Haldia </td></tr></table> b. International Airports - Amritsar (Raja Sansi-Sri Guru Ram Das ji) - Delhi (Indira Gandhi) - Mumbai (Chhatrapati Shivaji) - Chennai (Meenambakkam) - Kolkata (Netaji Subhash Chandra Bose) - Hyderabad (Rajiv Gandhi) </td></tr></table>	Manufacturing Industries	- Manufacturing Industries (Locating and labeling only) - Cotton textile Industries: a. Mumbai, b. Indore, c. Surat, d. Kanpur, e. Coimbatore - Iron and Steel Plants: a. Durgapur, b. Bokaro, c. Jamshedpur, d. Bhilai, e. Vijayanagar, f. Salem - Software technology Parks: a. Noida, b. Gandhinagar, c. Mumbai, d. Pune, e. Hyderabad, f. Bengaluru, g. Chennai, h. Thiruvananthapuram	Lifelines of National Economy	Locating and Labeling a. Major Sea Ports <table><tr><td> - Kandla - Mumbai - Marmagao - New Mangalore - Kochi </td><td> - Tuticorin - Chennai - Visakhapatnam - Paradip - Haldia </td></tr></table> b. International Airports - Amritsar (Raja Sansi-Sri Guru Ram Das ji) - Delhi (Indira Gandhi) - Mumbai (Chhatrapati Shivaji) - Chennai (Meenambakkam) - Kolkata (Netaji Subhash Chandra Bose) - Hyderabad (Rajiv Gandhi)	- Kandla - Mumbai - Marmagao - New Mangalore - Kochi	- Tuticorin - Chennai - Visakhapatnam - Paradip - Haldia
Manufacturing Industries	- Manufacturing Industries (Locating and labeling only) - Cotton textile Industries: a. Mumbai, b. Indore, c. Surat, d. Kanpur, e. Coimbatore - Iron and Steel Plants: a. Durgapur, b. Bokaro, c. Jamshedpur, d. Bhilai, e. Vijayanagar, f. Salem - Software technology Parks: a. Noida, b. Gandhinagar, c. Mumbai, d. Pune, e. Hyderabad, f. Bengaluru, g. Chennai, h. Thiruvananthapuram							
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- Kandla - Mumbai - Marmagao - New Mangalore - Kochi	- Tuticorin - Chennai - Visakhapatnam - Paradip - Haldia							

SYLLABUS PLAN FOR THE SESSION 2026-27
CLASS: 10; SUBJECT: ARTIFICIAL INTELLIGENCE (417)

LEARNING OBJECTIVES:

Learners will be able to:

1. Outline the six stages of the AI Project Cycle and their purpose, I domains, their key features, and real-world applications.
2. Explore the bioethical framework and its principles in detail. Also Practice the application of an ethical framework for AI.
3. Understand supervised, unsupervised and reinforcement learning based approach and its real life applications.
4. Understand Neural Networks- mimicking the brain's neurons, automatically extract data features through interconnected nodes, making them efficient for processing large datasets like images.
5. Recognise common metrics used to evaluate AI models. Derive and calculate the evaluation metrics and recognize the most suitable evaluation metric for a given application.
6. Define No-Code and Low-Code AI, Identify the differences between Code and No-Code AI concerning Statistical Data, Relate AI project stages to the stages of No-Code AI projects.
7. Understand and visualize the computer's ability to identify alphabets and handwriting.
8. Understand and appreciate the concept of domains through gamification and learn basic programming skills through gamified platforms.
9. Acquire introductory Python programming skills in a very user-friendly format.
10. Empower students to create positive change through AI-driven social impact projects.

APRIL	MAY	JULY
Subject Specific Skills Unit 1: Revisiting AI Project Cycle & Ethical Frameworks for AI Unit 2: Advanced Concepts of Modeling in AI	Employability Skills Unit 1: Communication Skills-II PA1 Examination	Employability Skills Unit 2: Self-Management Skills-II Subject Specific Skills Unit 3: Evaluating Models Unit 4: Statistical Data -Practical
AUGUST	SEPTEMBER	OCTOBER
Employability Skills Unit 3: ICT Skills-II Unit 5: Green Skills-II Subject Specific Skills Unit 5: Computer Vision	Subject Specific Skills Unit 5 Computer Vision contd.. Revision Half Yearly Exams	Employability Skills Unit 4: Entrepreneurial Skills-II Subject Specific Skills Unit 6: Natural Language Processing Unit 7: Advance Python (Practical's).
NOVEMBER	DECEMBER	JANUARY
Subject Specific Skills Unit 6: Natural Language Processing Contd Unit 7: Advance Python (Practical's).	Pre-Board I	Pre-Board II
FEBRUARY		
Final Board Examination		

PA1	Employability Skills Unit 1: Communication Skills-II Subject Specific Skills Unit 1: Revisiting AI Project Cycle & Ethical Frameworks for AI Unit 2: Advanced Concepts of Modeling in AI
HALF YEARLY	Employability Skills Unit 1: Communication Skills-II Unit 5: Green Skills-I Unit 2: Self-Management Skills-I Unit 3: ICT Skills-I Subject Specific Skills Unit 1: Revisiting AI Project Cycle & Ethical Frameworks for AI Unit 2: Advanced Concepts of Modeling in AI Unit 3: Evaluating Models Unit 5: Computer Vision Unit 4: Statistical Data
PreBoard I	Employability Skills Unit 1: Communication Skills-II Unit 2: Self-Management Skills-I Unit 3: ICT Skills-I Unit 4: Entrepreneurial Skills-II Unit 5: Green Skills-I Subject Specific Skills Unit 1: Revisiting AI Project Cycle & Ethical Frameworks for AI Unit 2: Advanced Concepts of Modeling in AI Unit 3: Evaluating Models Unit 4: Statistical Data Unit 5: Computer Vision Unit 6: Natural Language Processing
Pre Board II	Employability Skills Unit 1: Communication Skills-II Unit 2: Self-Management Skills-I Unit 3: ICT Skills-I Unit 4: Entrepreneurial Skills-II Unit 5: Green Skills-I Subject Specific Skills Unit 1: Revisiting AI Project Cycle & Ethical Frameworks for AI Unit 2: Advanced Concepts of Modeling in AI Unit 3: Evaluating Models Unit 4: Statistical Data Unit 5: Computer Vision Unit 6: Natural Language Processing
FINAL	Complete Syllabus, same as Pre Boards

ST. JOHN'S HIGH SCHOOL
CLASS: 10th
SUBJECT: MSFC
SYLLABUS PLAN FOR THE SESSION 2026-27

LEARNING OBJECTIVES:

The **Multi-Skill Foundation Course** offered under the **CBSE Class 10 curriculum** is designed to help students acquire practical, transferable skills that can enhance their employability and life skills. Here are the **learning outcomes** for the course, which focus on developing both technical and non-technical skills:

1. Developing Practical Skills:

- **Hands-on Learning:** Students are encouraged to learn through practical experience and engage in activities that require real-world application of knowledge.
- **Skill Building:** Students will develop foundational skills in areas such as communication, problem-solving, and teamwork, which are essential for any career.

2. Understanding the World of Work:

- **Career Awareness:** Students gain insight into various career options and the skills required to succeed in these fields. This includes knowledge about different industries like hospitality, retail, IT, health care, etc.
- **Workplace Etiquette:** The course teaches important professional behaviors such as time management, teamwork, and conflict resolution.

APRIL	MAY	JULY
Workshop & Engineering Techniques Session 1: Introduction of Engineering Drawing Instruments Energy and Environment Session 1: Introduction to Electrical Techniques and Practices Gardening, Nursery and Agricultural Techniques Session 1: Nursery Technique Personal Health and Hygiene Session 1: Balanced Diet	Workshop & Engineering Techniques Session 2: Engineering Drawing (Orthographic & Isometric Projection) Session 3: Safety Precautions in Engineering Workshop Energy and Environment Session 2: Introduction of Electric Pump, Dol Starter, And Inverter Session 3: Solar Energy Gardening, Nursery and Agricultural Techniques Session 2: Irrigation & Water Conservation Methods Personal Health and Hygiene Session 2: Personal Health & Hygiene and	Workshop & Engineering Techniques Session 4: Introduction to Engineering Measurement Instruments Session 5: Types of GI Pipe Fittings Energy and Environment Session 4: Demonstrate The Functioning and Operation of a Petrol or Diesel Engine Session 5: Bio Gas Concept and Use Gardening, Nursery and Agricultural Techniques Session 3: Interpreting Result of Soil Testing. Sessions 4: Introduction to Dairy Technique Personal Health and Hygiene

	Community Health & Mental Health Session 3: Communicable & Non-Communicable Diseases, Vaccination, Dehydration And Emergency First Aid	Session 4: Blood & Blood Group-Basic Information and Blood Pressure and Measuring Hemoglobin Session 5: Community Health & Environment Care (Awareness Programs for People with Special Needs and Family Health And Health Planning)
August	September	October
Workshop & Engineering Techniques Session 6: Welding Technique & Welding Joint Test Session 7: Basic Techniques in Building Energy and Environment Session 6: Water Conservation Concept Session 7: Rainfall Measurement Method Gardening, Nursery and Agricultural Techniques Session 5: Prepare Fodder for Animals Personal Health and Hygiene Session 6: Pollution – Sources, Effects and Solutions And Water Quality Testing	Half Yearly Exams	Workshop & Engineering Techniques Session 8: Making of RCC Column Session 9: Costing of Construction Energy and Environment Session 8: Land Survey Method Gardening, Nursery and Agricultural Techniques Revision and Practices Personal Health and Hygiene Session 7: Food Products (Handling Of Food Products , Perishable & Non-Perishable Food, Packed & Loose Food And Fresh & Stale Food Product
November	December	January
Workshop & Engineering Techniques Session 8: Making of RCC Column 48 Session 9: Costing of Construction Energy and Environment Revision and Practices Gardening, Nursery and Agricultural Techniques Session 10: Innovative Gardening (Urban School) Personal Health and Hygiene Session 8: Flow Chart	Revision And Practical's	Revision And Practical's
FEBRUARY	MARCH	

PRE BOARDS	Final Exams	
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PA 1	SESSION 1 OF WET,EE, GNAT AND PHH
HALF YEARLY	WET SESSION 1,2,3,4,5,6,7 EE SESSION 1,2,3,4,5,6,7 GNAT SESSION 1,2,3,4,5 PHH SESSION 1,2,3,4,5,6
PA 2	WET SESSION 8,9 EE SESSION 7,8 GNAT SESSION 4,5 PHH SESSION 6,7
FINAL EXAMS	FULL SYLLABUS