

MATHS

Term - I

Grade 10h

Months	Chapter	Activity
March	Ch-1 Real Numbers Ch-13 Statistics	Collect marks of 20 students and find mean by using Direct and Step-deviation method.
April	Ch-2 Polynomials Ch-3 Pair of Linear Equations in Two Variables	To verify graphically that pair of linear equation.
May	Ch-4 Quadratic Equations Ch-6 Triangles	The ratio of area of two similar triangles is equal to the ratio of the square of corresponding sides.
July	Ch-8 Introduction to Trigonometry Ch-9 Some Applications of Trigonometry	To measure the height of object with the help of Clinometer.
August	Ch-10 Circles Ch-11 Areas Related to Circle	To prove that area of a sector of a circle is $\frac{\theta}{360} \times \pi r^2$

PT 1 :- Exam Syllabus Ch - 1, 2, 3, 13

PT 2 :- Ch 2, 3, 4, 6, 8, 9, 10, 11

MATHS

Term - II

Grade 10th

Months	Chapter	Activity
October	Ch-7 Coordinate Geometry Ch-12 Surface Area and Volume	To find the distance between two given points. To find the formula for the volume of a right circular cone by an activity.
November	Ch-5 Arithmetic Progressions Ch-14 Probability	To find the sum of 'n' odd natural numbers. To verify the formula $P(\text{not } E) = 1 - P(E)$ by tossing three coins.
December	Revision (solve Sample papers)	
January	Revision	

PT - 3 Exams :- Ch - 7, 12, 5, 14, 10, 11

PUNJABI TERM - I

Months	Reader Book	Grammar	Activity
March	ਕਵਿਤਾ 1: ਮੇ ਕਿਉ ਮੰਦਾ ਆਖੀਐ ਕਹਾਣੀ 1: ਕੁਲਕੀ	ਪਾਠ(24) ਸਮਾਸੀ ਸ਼ਬਦ ਪਾਠ(25) ਬਹੁ ਅਰਥਕ	ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ਦੀ ਜੀਵਨੀ ਉੱਤੇ ਵਿਚਾਰ ਚਰਚਾ ਕਰਕੇ ਪੈਰਾ ਲਿਖੋ।
April	ਵਿਕਾਸੀ 1: ਜਫਰਨਾਮਾ ਕਵਿਤਾ 2: ਕਿਰਪਾ ਕਰਿ ਕੈ ਬਖਸਿ ਲੈਹੁ	ਲੇਖ ਰਚਨਾ ਪੱਤਰ ਰਚਨਾ	ਜਫਰਨਾਮਾ ਬਾਰੇ ਆਪਣੇ ਵਿਚਾਰ ਪ੍ਰਗਟ ਕਰੋ।
May	ਵਾਰਤਕ 1: ਘਰ ਦਾ ਪਿਆਰ	ਪਾਠ(21) ਅਗੇਤਰ ਪਾਠ(21) ਪਿਛੇਤਰ ਪਾਠ(31) ਮੁਹਾਵਰੇ (ਕ ਤੋਂ ਝ ਤੱਕ)	ਪਿੰ: ਤੇਜਾ ਸਿੰਘ ਸੇਖੋਂ ਦੀ ਜੀਵਨੀ ਬਾਰੇ ਚਰਚਾ ਕਰਨੀ।
July	ਕਹਾਣੀ 2: ਅੰਗ ਸੰਗ ਵਿਕਾਸੀ 2: ਦੂਜਾ ਵਿਆਹ	ਪਾਠ(15) ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ	ਸੰਤ ਸਿੰਘ ਸੇਖੋਂ ਦੀਆਂ ਰਚਨਾਵਾਂ ਬਾਰੇ ਚਰਚਾ ਕਰਨੀ ਅਤੇ ਉਹਨਾਂ ਦੀ ਜੀਵਨੀ ਬਾਰੇ ਲਿਖੋ।
August	ਕਵਿਤਾ 3: ਤੂੰ ਮੇਰਾ ਪਿਤਾ ਤੂੰ ਹੈ ਮੇਰਾ ਮਾਤਾ ਵਾਰਤਕ 2: ਏਲੀ ਵਾਰਤਕ 3: ਪ੍ਰਥਮਾ	ਚਿੱਤਰ ਵਰਣਨ	ਮਾਤਾ-ਪਿਤਾ ਵਿਸ਼ੇ ਉੱਤੇ ਕਵਿਤਾ ਲਿਖਣੀ।
Sept.	Exam.		

P.T. I : Syllabus - March To May

PT. II : Syllabus March To August.

10th Class (6)

PUNJABI TERM - II

Months	Reader Book	Grammar	Activity
October	ਕਹਾਣੀ 3. ਧਰਤੀ ਹੇਠਲਾ ਬਲਦ ਕਵਿਤਾ 4. ਸਤਿਗੁਰ ਨਾਨਕ ਪ੍ਰਗਟਿਆ	ਪਾਠ (24) ਸਮਾਸੀ ਸ਼ਬਦ ਪਾਠ (25) ਬਹੁ ਅਰਥਕ ਲੇਖ ਰਚਨਾ	ਕਿਸੇ ਵਿਸ਼ੇ ਉੱਤੇ ਕਹਾਣੀ ਲਿਖ ਕੇ ਕਲਾਸ ਵਿੱਚ ਸੁਣਾਓ।
November	ਵਾਰਤਕ 4- ਮੇਰੇ ਵੱਡੇ ਵਡੇਰੇ ਕਵਿਤਾ 5. ਜੰਗ ਦਾ ਹਾਲ	ਪਾਠ (21) ਅਗੇਤਰ ਪਾਠ (21) ਪਿਛੇਤਰ ਪੱਤਰ ਰਚਨਾ	ਆਪਣੇ ਘਰ ਦੇ ਬਜ਼ੁਰਗਾਂ ਤੋਂ ਵੱਡੇ ਵਡੇਰਿਆਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਇਕੱਠੀ ਕਰੋ।
December	ਵਾਰਤਕ 5. ਤੁਰਨ ਦਾ ਹੁਨਰ	ਪਾਠ (15) ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ ਪਾਠ (31) ਮੁਹਾਵਰੇ ਚਿੱਤਰ ਵਰਣਨ	ਤੁਰਨ ਦੇ ਸਾਂਝੇ ਜੀਵਨ ਵਿੱਚ ਲਾਭ ਬਾਰੇ ਦੱਸੋ।
January	Revision		

P.T.3. : ਅਕਤੂਬਰ ਤੋਂ ਫਰਵਰੀ । (Syllabus)

10th Class (7)

SUBJECT Science

Grade 10th

Term - I

Months	Chapter	Activity
March	Ch-1, Ch-10	To show Combination Reaction, Decomposition, Displacement, and Double Displacement with the help of chemical reactions.
April	Ch-5 (Life Process) Ch-2 (Acid, Bases, Salt)	1) To test the pH values of given solutions. 2) Acidic solution conducts electricity.
May	Ch-10 (Light) Ch-3 (Metals and Non-Metals)	1) Refraction of light through rectangular glass slab. 2) Reactions of metals with salt solutions.
July	Ch-7 (How do organisms reproduce?) Ch-12 (Electricity Half)	Ohm's law, series circuit, parallel circuit.
August	Ch-12 (Half), Ch-4 (Carbon & its compounds)	To show the formation of micelles.

PT - 1 Exam syllabus : Ch- 1,10, 5

PT - 2 Ch- 2, 3, 7, 10, 12, 5

10th Class (8)

SUBJECT Science

Grade 10th

Term - II

Months	Chapter	Activity
October	Ch-6 (Control and Coordination), Ch-12 (Magnetic effects of electric current)	Magnetic field due to a current through a straight conductor
November	Ch-13 Our Environment <i>Ch-8 → Heredity</i>	To showing Budding in Hydra.
December	Revision (Sample paper solve)	
January	Revision	

PT - 3 Exams :- Ch - 6, 4, 12, 8, 13

10th Class (9)

SUBJECT S.ST		
Grade 10th Term - I		
Months	Chapter	Activity
March	History: Ch-1 The Rise of Nationalism in Europe Geo: Ch-1 Resources and Development Political: Ch-1 Power-sharing	Make a project showing consumption and conservation of resources in your locality.
April	Economics: Ch-1 Development History: Ch-2 Nationalism in India Geo: Ch-6 Manufacturing Industries	Make an assignment on comparison of different two countries.
May	Geo: Ch-2 Forest and Wildlife Resources Political: Ch-2 Federalism Economy: Ch-4 Globalisation and the Indian Economy	Write a short essay on any practices which you observed to conserve and protect the environment around you.
July	Economy: Ch-2 Sectors of the Indian Economy History: Ch-3 The Making of a Global World	Discuss the different sectors of the Indian economy.
August	Geography: Ch-3 Water Resources Political: Ch-3 (Half) Gender, Religion and Caste	Discuss two constitutional provisions that make India a secular state.

PT 1 Exam :- History Ch-1, Political Ch-1, Geography Ch-1, Economics Ch-1

PT 2 Exam :- History Ch-1, 2, 3, Political Ch-1, 2, 3, Geography Ch-2,3,

Economics Ch-1, 2, 4

10th Class (10)

SUBJECT S.ST		
Grade 10th Term - II		
Months	Chapter	Activity
October	Economics: Ch-3 Money and Credit History: Ch-4 The Age of Industrialisation Geography: Ch-4 Agriculture	Draw an outline map of India showing wheat-producing areas.
November	Political : Ch-4 Political Parties Economics: Ch-5 Consumer Rights History: Ch-5 Print Culture and Modern World	Make an assignment on different political parties of India.
December	Geography: Ch-5 Minerals and Energy Resources Geography: Ch-7 Lifeline of National Economy Political : Ch-5 Outcomes of Democracy	Name some river valley projects and write the names of the dams built on these rivers.
January	Revision (Sample Paper Solve)	

PT 3 Exam :- History Ch-4,5, Political 4,5, Geography 4, 5, 6, Economics 3,5

10th Class (11)

HINDI TERM - I

Months	पाठ पुस्तक	व्याकरण	गतिविधियाँ
March	गद्य खंड - स्पर्श पाठ - 8 काव्य खंड पाठ - 1	शब्द और पद उपसर्ग तथा प्रत्यय अनुनासिक / अनुस्वार	मीठी वाणी/बोली संबंधी ईश्वर प्रेम दोहों का संकलन कर चार्ट पर लिखकर पत्रिका पर लगाएं
April	संचयन - पाठ - 1 स्पर्श (पाठ-9) गद्य खंड	स्वर संधि, अनुच्छेद लेखन, विज्ञापन, सूचना लेखन, पत्र	यदि आपके आस-पास कोई लाचार व्यक्ति मिले तो आप उसकी किस प्रकार मदद करेंगे।
May	स्पर्श - काव्य खंड पाठ - 2 गद्य खंड पाठ - 10 संचयन - पाठ - 2	अर्थ के दृष्टि से वाक्य भेद, पत्र, संधि, समास, मुहावरे, लघु कथा	मीरा के पदों पर एक परियोजना कार्य पत्रिका बनाइए।
July	संचयन - पाठ - 3 स्पर्श काव्य खंड - पाठ - 3	पदबंध, रचना के आधार पर वाक्य रूपांतर	खेल आप के लिए क्यों जरूरी है? संक्षिप्त में लिखें।
August	स्पर्श - गद्य खंड पाठ - 11 काव्य खंड (स्पर्श) पाठ - 4	मुहावरे, लोकोक्तियाँ, कहानी / लघु कथा	अपने पसंदीदा कवि के बारे में जानकारी लेते हुए परियोजना बनाइए।

P.T.I. (संचयन) पाठ - 1 (स्पर्श) पाठ - 1 गद्य खंड

(स्पर्श) काव्य खंड पाठ-1, 2

व्याकरण : मार्च से मई

Mid Term : पाठ पुस्तक (मार्च से अगस्त)

व्याकरण : March to August Full Syllabus

HINDI TERM - II

Months	पाठ पुस्तक	व्याकरण	गतिविधियाँ
October	संचयन-पाठ-3 स्पर्श-गद्य खंड पाठ-12	मुहावरे, पत्र, अपठित गद्यांश, लघु कथा	अलग-अलग समाचार पत्र, पत्रिकाओं को एकत्रित करके एक डायरी बनाएं।
November	(स्पर्श) काव्य खंड पाठ-5 पाठ-6	चित्र वर्णन, संवाद लेखन, विज्ञापन अनुच्छेद	पोर्टफोलियो क्या है? इसकी जानकारी लेते हुए कक्षा की पोर्टफोलियो बनाएं।
December	(स्पर्श) काव्य खंड पाठ-7 (स्पर्श) गद्य खंड पाठ-13	सूचना लेखन, विज्ञान लेखन, निबन्ध	
January	(स्पर्श) काव्य खंड पाठ-7 (स्पर्श) गद्य खंड पाठ-13	लघु कथा, औपचारिक ई-मेल लेखन, पत्र	
February	Revision	Revision	Revision

P.T.2. पाठ पुस्तक (Oct. to Nov.) Full

व्याकरण : (Oct. to Nov.) Full

Final Term : पाठपुस्तक Full Syllabus

व्याकरण Full Syllabus

IT Term - I

Months	Chapter	Practical
March	Part-A: Communication Skills - II Chapter 1	Teaching students how to express in a manner that shows respect to the receiver and enlisting barriers to effective communication.
April	Part-A: Self-Management Skills - II, Chapter 2	Executing tasks in a specific period, without help or directives.
April	Part-B: Unit 1 - Ch 1, Digital Documentation Using Libre Office Writer Ch 2: Working with images Ch 3: Advanced features of Writer	Learn about different style categories in the Style and Formatting panel. Able to insert, modify and create drawing objects. Learn about how to change documents effectively.
May	Part-B: Unit 2 - Electronic Spreadsheet (Using Libre Office Calc) Chapters 4, 5, 6, 7	Students should learn about consolidating data using groups and macros and running a macro.
July	Part-A: Unit 3 - ICT Skills - III Chapter 3: Information Technology and Communication	Demonstration and practicing of creating, renaming, and deleting files.

PT 1: Part A: Chapters 1, 2
Part B: Chapters 1, 2, 3

Mid-term: Part A: Units 1, 2, 3
Part B: Units 1, 2

10th Class (14)

IT Term - II

Months	Chapter	Practical
August	Part-A, Chapter-4, Unit-4	
September	Entrepreneurship Part-A, Chapter-5, Unit-5 Green Skills-II	Collecting success stories of first-generation and local entrepreneurs and myths about entrepreneurship. Identify the problems related to sustainable development in the community.
October	Part-B, Unit-3, Chapters 8 to 12 Database Management System using Libre Office Base	Identify data, Identify fields, Records in DBMS
November	Part-B, Unit-4, Chapters 13 to 15 Maintain health and secure working environment	Basic Safety rules implement fire safety measurements.
December	Periodic Test - 1	
January	Periodic Test - 2 (Full Syllabus)	

PT 2. : Part A - 4, 5
Part B - 3, 4, 5 Final Term : Full Syllabus.

10th Class (15)

Art & Craft

Grade: 10th

Term : I

Months: March to August

- ★ Landscape Painting (Village scene, any festival like as mela or Diwali scene, rid.)
- ★ Still Life (Bottles, Book with Fruits)
- ★ Warli Art (Madhubani art)
- ★ Nature Drawing : Tree / Plant study Scenery / Landscape
- ★ Shading technique
- ★ Composition based human figure
- ★ Hands and feet drawing
- ★ Folk Art : Overview of Madhubani and Warli.

Art & Craft

Grade: 10th

Term : II

Months : October to December

- ★ Principal of Art
- ★ Greeting Card (Craft)
- ★ Design by using different shapes
- ★ Ganesh mosaic painting
- ★ Poster making on Republic Day
- ★ School scene
- ★ Market scene
- ★ Slogan:
- ★ Stop pollution
- ★ Clean India, Green India
- ★ Save water, save life