

GURU AMAR DASS PUBLIC SCHOOL
CLASS-IX **SYLLABUS (2022-23)**

ENGLISH

PROSE (BEE HIVE)

1. The Fun They Had
2. The Sound of Music
3. The Little Girl
4. A Truly Beautiful Mind
5. The Snake and the Mirror
6. My Childhood
7. Reach For The Top
8. Kathmandu
9. If I were You

POETRY

1. The Road Not taken
2. Wind
3. Rain on The Roof
4. The Lake Isle of Innisfree
5. A Legend of The Northland
6. No Men Are Foreign
7. On killing a tree
8. A Slumber Did My Spirit Seal

MOMENTS

1. The Lost Child
2. The adventures of Toto
3. Iswaran the Storyteller
4. In the kingdom of fools
5. The Happy Prince
6. The Last Leaf
7. A House is not a Home
8. The Beggar

PUNJABI

ਸਾਹਿਤ ਮਾਲਾ 9 (ਪੰਜਾਬੀ ਕਵਿਤਾ ਤੇ ਵਾਰਤਕ) ਪੰਜਾਬ ਸਕੂਲ ਸਿੱਖਿਆ ਬੋਰਡ

ਕਾਵਿ-ਰਚਨਾਵਾਂ-1, 2, 3, 4, 5

ਵਾਰਤਕ -1, 2, 3, 4

ਵੰਨਗੀ (ਪੰਜਾਬੀ ਕਹਾਣੀਆਂ ਤੇ ਇਕਾਂਗੀ)

ਕਹਾਣੀ – 1, 2, 3

ਇਕਾਂਗੀ – 1, 2

ਵਿਆਕਰਣ

ਅਣਡਿੱਠਾ ਪੈਰਾ ; ਅਣਡਿੱਠੀ ਕਾਵਿ ਟੁਕੜੀ ;

लिंग बचले ; विरोधी सभद ; विसमिक ;लेख रचना ;पँतर रचना ;चिँतर वरनष्ट । षां ईक सभद; सभासी सभद ;
बहु आरषक सभद ;वाक बघेय ;सुँय अमुँय,अष्टिँठा पैरा; चिँतर वरनष्ट , सभद सुँयी ;किरिआ;मुहावरे ।
लेख रचना ;पँतर रचना ;चिँतर रचना

HINDI

पाठ्यपुस्तक -स्पर्श भाग- 1 (एन.सी.ई.आर.टी.)

संचयन -भाग 1 (एन.सी.ई.आर.टी.)

व्याकरण- सुगम हिंदी व्याकरण एवं रचना कक्षा नौवीं (कॉरडोवा पब्लिकेशंस प्राइवेट लिमिटेड)

स्पर्श-

गद्य खंड - दुख का अधिकार, एवरेस्ट: मेरी शिखर यात्रा, तुम कब जाओगे अतिथि,

वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन,कीचड़ का काव्य, शुक्रतारे के समान ।

काव्य खंड - रैदास ,रहीम ,गीत - अगीत, अग्निपथ, नए इलाके में ,खुशबू रचते हैं हाथ ।

संचयन - गिल्लू , स्मृति, कल्लू कुम्हार की उनाकोटि, मेरा छोटा सा निजी पुस्तकालय।

व्याकरण - शब्द और पद,अनुस्वार, अनुनासिक, उपसर्ग, प्रत्यय, स्वर संधि, विराम चिन्ह,

अर्थ की दृष्टि से वाक्य भेद।

लेखन कला- अनुच्छेद, अनौपचारिक पत्र ,चित्र वर्णन, संवाद।

MATHEMATICS

Chapter 1	Number system
Chapter 2	Polynomials
Chapter 3	Coordinate Geometry
Chapter 4	Linear Equations in two Variables
Chapter 5	Introduction to Euclid's Geometry
Chapter 6	Lines and Angles
Chapter 7	Triangles
Chapter 8	Quadrilateral
Chapter 10	Circles
Chapter 12	Heron's Formula
Chapter 13	Surface Area and Volume
Chapter 14	Statistics

SOCIAL SCIENCE

HISTORY

1. The French Revolution
2. Socialism in Europe and Russian Revolution
- 3.Nazism and rise of Hitler
- 4.Forest society and colonialism

CIVICS

1. What is Democracy? Why democracy?
2. Constitutional Design.
3. Electoral Politics.

4. Working of institutions

5. Democratic Rights

ECONOMICS

1. The Story of village Palampur

2. People as Resources

3. Poverty as a challenge

4. Food Security in India

GEOGRAPHY

1. India

2. Physical features of India

3. Drainage

4. Climate

5. Natural Vegetation and wild life

6. Population

SCIENCE

Unit I: Matter-Nature and Behaviour

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.

Nature of matter: Elements, compounds and mixtures. Heterogeneous and homogeneous mixtures, colloids and suspensions. Physical and chemical changes (excluding separating the components of a mixture). Particle nature and their basic units: Atoms and molecules, Law of Chemical Combination, Chemical formula of common compounds, Atomic and molecular masses.

Structure of atoms: Electrons, protons and neutrons, Valency, Atomic Number and Mass Number, Isotopes and Isobars.

Theme: The World of the Living

Unit II: Organization in the Living World

Cell - Basic Unit of life : Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cell organelles and cell inclusions; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes – basic structure, number.

Tissues, Organs, Organ System, Organism: Structure and functions of animal and plant tissues (only four types of tissues in animals; Meristematic and Permanent tissues in plants).

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.

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.

Gravitation: Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity; Mass and Weight; Free fall. Floatation: Thrust and Pressure. Archimedes' Principle; Buoyancy. Work, Energy and Power: Work done by a Force, Energy, power; Kinetic and Potential energy; Law of conservation of energy (excluding commercial unit of Energy).

Sound: Nature of sound and its propagation in various media, speed of sound, range of hearing in humans; ultrasound; reflection of sound; echo. Theme: Food

Unit IV: Food Production

Plant and animal breeding and selection for quality improvement and management; Use of fertilizers and manures; Protection from pests and diseases; Organic farming.

INFORMATION TECHNOLOGY

Book: Information Technology (Code 402)

Employability Skills

- Unit 1 Communication Skills-I
- Unit 2 Self-Management Skills-I
- Unit 3 ICT Skills-I
- Unit 4 Entrepreneurial Skills- I
- Unit 5 Green Skill-I

Subject Specific Skills

- Unit 1 Introduction to IT-ITes Industry
- Unit 2 Data Entry and Keyboarding Skills
- Unit 3 Digital Documentation
- Unit 4 Electronic Spreadsheet
- Unit 5 Digital Presentation

DIVINITY

ਸਿੱਖ ਧਰਮ ਪ੍ਰਸ਼ਨੋਤਰੀ - III

Pages - 6 -16; 32 – 53; 54 - 84

ਸ਼ਬਦ- 1;2; 3 ; 4

ਸੇਹਿਲਾ ਸਾਹਿਬ

ਸ਼ਬਦ- 1;2; 3; 4; 5