

SURATGARH THERMAL DAV PUBLIC SCHOOL, STPS TOWNSHIP
SURATGARH
SYLLABUS MONTH WISE FOR ACADEMIC YEAR: 2026-27

CLASS- X	
SUBJECT-SCIENCE	
Name of the Book- SCIENCE	
MONTH	CONTENT/CHAPTERS
APRIL	<p>1. Chemical Reactions and Equations: Chemical reactions, Chemical equation, Balanced chemical equation, types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, endothermic exothermic reactions, oxidation and reduction.</p> <p>2. LIGHT: 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. Refraction; Laws of refraction, refractive index. Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula Magnification. Power of a lens</p>
JULY	<p>3. Life processes: 'Living Being'. Basic concept of nutrition, respiration, transport and excretion in plants and animals.</p> <p>4. Acids, Bases and Salts: Acids and Bases – definitions in terms of furnishing of H^+ and OH^- ions, identification using indicators, chemical 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>
AUGUST	<p>5. 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 10 conductor, Fleming's Left Hand Rule, Direct current. Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits.</p> <p>6. 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.</p>
SEPTEMBER	<p>7. Metals and Non-metals: Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds; Basic metallurgical processes; Corrosion and its prevention.</p> <p>HALF YEARLY EXAMS Assignments , Class test ,oral test</p>
OCTOBER	<p>08. ELECTRICITY: 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.</p> <p>09. Carbon and its Compounds: Covalent bonds – formation and properties of covalent compounds, Versatile nature of carbon, Hydrocarbons – saturated and unsaturated Homologous series. Nomenclature of alkanes, alkenes, alkyne and carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes).</p>

	Chemical properties of carbon compounds (combustion, oxidation, addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents.
NOVEMBER	10. Human Eye and Colourful world: 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 11. Heredity and Evolution: Heredity; Mendel's contribution- Laws for inheritance of traits: Sex determination; brief introduction. 12. Reproduction: Reproduction in animals and plants (asexual and sexual) reproductive health – need and methods of family planning. Safe sex vs HIV/AIDS. Child bearing and women's health.
DECEMBER	13. Our environment: Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances. REVISION FOR PREBOARD Assignments , Class test ,oral test Pre board-I
JANUARY	Proper Revision schedule will be shared with students syllabus of second Pre board Assignments , Class test ,oral test
FEBRUARY	Final revision

MATHEMATICS SYLLABUS SPLIT-UP (2026–27)

TERM – 1 (APRIL – SEPTEMBER)

April

Unit – 1: Real Numbers

Unit – 2: Polynomials

May

Unit-3: pair of linear equations in two variables

June

Revision of Unit 1 & 2 and 3

July

Unit – 4: Quadratic Equations

Unit – 5: Arithmetic Progressions.

August

Unit – 6: Triangles

Unit – 7: Coordinate Geometry

September

Revision for Half-Yearly Examination

Full syllabus revision

Term – 2 (October – december)

October

Unit – 8: Introduction to Trigonometry

Unit – 9: Some Applications of Trigonometry

November

Unit – 10: Circles

Unit – 11: Areas Related to Circles

December

Unit – 12: Surface Areas and Volumes

Unit – 13: Statistics

Unit – 14: Probability

SYLLABUS SPLIT- UP TERM WISE AND MONTHLY .

TERM-1 (APRIL-SEPTEMBER 2026-2027).

ENGLISH(LANGUAGE AND LITERATURE)

April-

Topics : 1) A Letter to God Had 2) Dust of Snow 3) Fire and Ice

** Grammar- Topics prescribed by CBSE(Tenses, Modals, Subject- Verb Agreement, Reported Speech and Determiners) will be practised and tested in grammar class round the session.

Writing: Diary

MAY— Letter writing and grammar topic - Tenses, Reported Speech to be done.

(syllabus of UT-1, is the entire topics covered in the month of April- May)

June- Summer Break

Home assignment to be done

July:

Topics: 1)A Triumph of Surgery2) The Ball poem 3)Nelson Mandela , Long walk to freedom 4) Two Stories about Flying-1&2

Writing: Letter of Complaint

**Grammar- Same as mentioned above *

August:

Topics :

1) Madam Rides the Bus

2) A Tiger in the Zoo

3) How to Tell Wild Animals

4) Amanda

5)Bholi

6) The Thief Story

* Grammar- Same as mentioned above **

Writing- Analytical Paragraph

September- Month for Revision and HY (Term-1)

Syllabus forTerm-1

1)Bholi

2) A Triumph of Surgery

3) The Thief Story
4) Long Walk to Freedom
5) Stories about Flying 6) Tiger in the Zoo
7) How to Tell Wild Animals 8) The Ball Poem
Writing- Analytical Paragraph, Formal letter writing.
**Grammar- All CBSE prescribed topics .
ALS, Activities, Revision for Term-1 to be done

Term-2(October- March)

October

Topics: 1)The Necklace 2) The Tale of Custard Dragon 3) Glimpses of India ,1,2&3

Grammar ** same as above

Writing: Letter for placing orderç

November

Topics: 1) Kathmandu

2) A House is not a home

3) The last leaf

4) The Beggar

**Grammar: As mentioned above

December-

Topics: 1) If I were You

2) A Slumber did my Spirit Seal

Revision for UT-2, to be done from the syllabus -

Topics: 1) No Men are Foreign 2) A Truly Beautiful mind 3) Kingdom of Fools

Writing: Descriptive paragraph

Grammar **- As per CBSE guidelines

January

Activity, ALS, review of syllabus and pending topics to be covered.

February: month for revision/tests & preparation for Annual Exam .

***Note: Change in syllabus , writing task or proposed test month may change / vary due to situation, in case of change if any , it will be intimated before hand.☐

SYLLABUS FOR THE SESSION 2026-27

SUBJECT: HINDI - B CLASS-10

APRIL	1 स्पर्श - बड़े भाई साहब । 2 व्याकरण - पदबंध , अपठित गद्यांश ।
MAY	1 स्पर्श - पठित गद्यांश बहुविकल्पीय, पद्य खण्ड (कबीर) 2 पाठ्यक्रम यूनिट टेस्ट-1 दोहराव ।
JUNE & JULY	1 स्पर्श - डायरी का एक पन्ना । 2 व्याकरण- वाक्य भेद , परिभाषा, उदाहरण व रूपांतरण । 3 मेल और विज्ञापन
AUGUST	1 स्पर्श - मीरा के पद 2 संचयन -हरिहर काका 3 व्याकरण - समास

- SEPTEMBER 1 स्पर्श - ततारा वामीरो कथा, मनुष्यता ।
 2 व्याकरण - विज्ञापन, लघुकथा ।
 3 संचयन - सपनों के से दिन ।
- OCTOBER 1 स्पर्श - पर्वत प्रदेश में पावस, तोप, तीसरी कसम के शिल्पकार - शैलेंद्र।
 2 व्याकरण - पत्र लेखन, सूचना लेखन, मुहावरे ।
- NOVEMBER 1 स्पर्श - अब कहाँ दूसरे के दुख में दुखी होने वाले ।
 2 व्याकरण - मेल, विज्ञापन।
 3 संचयन - टोपी शुक्ला ।
- DECEMBER 1 स्पर्श - आत्मत्राण, पतझड़ में टूटी पत्तियाँ, कारतूस।
 2 व्याकरण - सम्पूर्ण दोहराव व लिखित अभ्यास ।
 3 संचयन - टोपी शुक्ला ।
- JANUARY - FEBRUARY सम्पूर्ण पाठ्यक्रम दोहराव व प्री बोर्ड परीक्षा ।

Social Science split up of syllabus:

Geography (Contemporary India-II)

1. *Resources and Development*: Types of resources, sustainable development.
2. *Forest and Wildlife Resources*: Conservation, management, and threats.
3. *Water Resources*: Sources, uses, and conservation.
4. *Agriculture*: Types of farming, cropping patterns, and challenges.
5. *Minerals and Energy Resources*: Types, distribution, and conservation.

Political Science (Democratic Politics-II)

1. *Power Sharing*: Forms of power-sharing, Belgium and Sri Lanka case studies.
2. *Federalism*: Features, advantages, and challenges.
3. *Democracy and Diversity*: Relationship between democracy and diversity.
4. *Popular Struggles and Movements*: Role of movements in democracy.
5. *Challenges to Democracy*: Threats, reforms, and strengthening democracy.

Economics (Understanding Economic Development)

1. *Development*: Indicators, comparison of developed and developing countries.
2. *Sectors of the Indian Economy*: Primary, secondary, tertiary sectors.
3. *Money and Credit*: Functions of money, types of credit.
4. *Globalization and the Indian Economy*: Impact of globalization, benefits, and challenges.
5. *Consumer Rights*: Importance, awareness, and protection.

History (India and the Contemporary World-II)

1. *Nationalism in Europe*: Rise of nationalism, unification of Italy and Germany.
2. *Nationalism in India*: Indian National Movement, role of Gandhi, Nehru, and other leaders.
3. *The Age of Industrialization*: Industrialization in Europe,

APRIL

- *Power Sharing*: Forms of power-sharing, Belgium and Sri Lanka case studies.

Development: Indicators, comparison of developed and developing countries.

MAY

Resources and Development*: Types of resources, sustainable development.

JUNE

GEOGRAPHY CONTD.

JULY

Forest and wild life resources

Water Resources

Agriculture

AUGUST

Rise of Nationalism in Europe

SEPTEMBER

Mineral and energy resources

Federalism

OCTOBER

Sectors of the Indian Economy*: Primary, secondary, tertiary sectors.

NOVEMBER

Nationalism in India

Money and Credit: Functions of money, types of credit.

Globalization and the Indian Economy: Impact of globalization, benefits, and challenges.

Consumer Rights: Importance, awareness, and protection.

DECEMBER

Age of Industrialization

Challenges to Democracy*: Threats, reforms, and strengthening democracy

Month wise split up of Syllabus of IT(Code – 402) for Session - 2026-27

Month - April

(Part B : Subject Specific Skills)

Chapter 8 : Introduction to Database Management System

Chapter 9 : Starting with LibreOffice Base

Month - May

Chapter 10 : Working with Multiple Tables

Chapter 11 : Queries in Base

Month - June

Chapter 12 : Forms and Reports

Month - July

Chapter 13 : Health, Safety, and Security at Workplace

Chapter 14 : Workplace Quality Measures

Chapter 15 : Prevent Accidents and Emergencies

Chapter 1 : Introduction to Styles

Chapter 2 : Working with Images

Chapter 3 : Advanced Features of Writer

Month - August

Chapter 4 :Analyse Data Using Scenarios & Goal Seek

Chapter 5 : Using Macros in a Spreadsheet

Chapter 6 : Linking Spreadsheet Data

Chapter 7 : Share and Review a Spreadsheet

Month - September

Revision

Month –October

Part A : Employability Skills

Unit I: Communication Skills-II

Chapter 1 : Methods of Communication

Chapter 2 : Communication Cycle

Chapter 3 : Communication Barriers

Chapter 4 : Effective Communication

Chapter 5 : Basic Writing Skills

Month –November

Unit II: Self-management Skills-II

Chapter 6 : Stress Management and its Techniques

Chapter 7 : Ability to Work Independently

Unit III: Information and Communication Technology Skills-II

Chapter 8 : Basic Computer Operations

Chapter 9 : Managing Files and Folders

Chapter 10 : Care and Maintenance of a Computer

Unit IV: Entrepreneurial Skills-II

Chapter 11 : Entrepreneur and Entrepreneurship

Unit V: Green Skills-II

Chapter 12 : Sustainable Development

Month –December

Revision

Month –January

Revision

Month - February

Revision