

**CHEMISTRY SYLLABUS 2024-25 / X**

Month	CHAPTER AND TOPIC
1st- 22nd  23rd April to 10th May	<b>Ch-1 Chemical reactions and equations</b> <ul style="list-style-type: none"><li>• Combination</li><li>• Decomposition</li><li>• Displacement</li><li>• Double displacement</li><li>• Redox and its application</li><li>• Rancidity</li></ul>
11th May to 17th May	<b>Ch.2- Acids bases and salts</b> <ul style="list-style-type: none"><li>• Indicators</li><li>• Physical and chemical properties of acids and bases.</li></ul>
<u>1st- 19th July</u>  <u>20th July to 7 August</u>	<b>Chapter -2 Acids bases and salts</b> <ul style="list-style-type: none"><li>• Physical and chemical properties of acids and bases (contd.)</li><li>• pH of salts</li><li>• Different chemical compounds</li> <li>• Different compounds (continued)</li></ul> <b>Chapter - 3 Metals and non metals</b> <ul style="list-style-type: none"><li>• Physical and chemical properties of metals and non metals</li><li>• Ionic compounds and properties</li></ul>
<u>8 August to 29th August</u>  <u>30th August to 10th September</u>	<ul style="list-style-type: none"><li>• Ionic compounds and properties (cont.)</li><li>• Metallurgy and Alloys</li>  <li>• Revision</li></ul>

**SPV/ X**  
**BIOLOGY SYLLABUS -2024-25**  
**SEMESTER-I**

<b>MONTH</b>	<b>CHAPTER/TOPIC</b>
<b>1st APRIL-22nd APRIL</b>	Nutrition
<b>23rd APRIL-10th MAY</b>	Respiration,Transportation
<b>11th MAY-17th MAY</b>	Our Environment.
<b>1st JULY-19th JULY</b>	Excretion, Asexual Reproduction
<b>20th JULY- 7th AUGUST</b>	Asexual Reproduction (contd)
<b>8th AUGUST-29th AUGUST</b>	Sexual Reproduction.
<b>30th AUGUST-10th SEPTEMBER</b>	Revision.

**SYLLABUS PLANNING PHYSICS CLASS 10 Term 1 2024-25**

Month	Chapter	Topic
<b>TERM 1</b>		
1st April to 22nd April	Chapter 12 : Electricity	<ul style="list-style-type: none"><li>● Electric charge</li><li>● Electric current</li><li>● Potential difference</li><li>● Ohm's Law</li><li>● Resistance and Resistivity</li></ul>
23rd April to 10th May	Chapter 12 : Electricity	<ul style="list-style-type: none"><li>● Series and Parallel</li><li>● Numericals</li></ul>
11th May to 17th May	Chapter 12 : Electricity	<ul style="list-style-type: none"><li>● Heating Effects of Electricity</li><li>● Power</li></ul>
1st July to 19th July	Chapter 12 : Electricity Ch 13: Magnetic Effects of Electric current	<ul style="list-style-type: none"><li>● Electricity Numericals</li><li>● Oersted's Experiment</li><li>● Magnetic field lines due to a bar magnet, straight current carrying conductor, circular coil,</li></ul>
20th July to 7th August	Ch 13: Magnetic Effects of Electric current	<ul style="list-style-type: none"><li>● Magnetic field around a solenoid and electromagnet</li><li>● Maxwell's right hand thumb rule</li></ul>
8th August to 29th August	Ch 13: Magnetic Effects of Electric current	<ul style="list-style-type: none"><li>● Electric motor</li><li>● Fleming's Left Hand rule</li><li>● Electromagnetic Induction</li><li>● Domestic circuit</li><li>● AC DC</li></ul>
20th August to 10th September	Revision	

**SARDAR PATEL VIDYALAYA**  
**CLASS 10 ENGLISH LANGUAGE AND LITERATURE COURSE**  
**TERM 1 (2024-25)**

**01 – 22 APRIL**

- A Letter To God (First Flight)
- Dust Of Snow (First Flight)
- Fire & Ice (First Flight)
- Triumph of Surgery (Footprints)
- Letter to the Editor (Writing)

**23 APRIL – 10 MAY**

- Nelson Mandela (First Flight)
- 2 Stories About Flying (First Flight)
- A Thief's Story (Footprints)
- Formal Letters (Writing)

**11MAY - 17 MAY**

- A Tiger in the Zoo (First Flight)
- Tenses/Verb Form (Grammar)
- Reading Comprehension

**01 JULY - 19 JULY**

- From The Diary Of Anne Frank (First Flight)
- The Midnight Visitor (Footprints)
- Formal Letters (Writing)
- Determiners & Prepositions (Grammar)

**20 JULY - 07 AUGUST**

- How To Tell Wild Animals (First Flight)
- A Question Of Trust (Footprints)
- Analytical Paragraph (Writing)
- Listening Comprehension

**08 AUGUST - 29 AUGUST**

- Amanda (First Flight)
- Footprints Without Feet (Footprints)
- The Necklace (Footprints)
- Analytical Paragraph (Writing)
- Reading Comprehension

**30 AUGUST – 10 SEPTEMBER**

- The Making Of A Scientist (Footprints)
- The Ball Poem (First Flight)
- Fog (First Flight)
- Reported Speech (Grammar)

Listening Comprehension

Revision

**SARDAR PATEL VIDYALAYA**  
**CLASS 10 ENGLISH LANGUAGE AND LITERATURE COURSE**  
**TERM 2 (2024-25)**

**01 OCTOBER - 19 OCTOBER**

- Glimpses of India (First Flight)
- Madam Rides The Bus (First Flight)
- Mijbil The Otter (Footprints Without Feet)
- Analytical Paragraph (Writing)
- Modals (Grammar)

**20 OCTOBER - 09 NOVEMBER**

- The Sermon At Benares (First Flight)
- The Tale Of Custard The Dragon (First Flight)
- Trees (First Flight)
- The Book That Saved The Earth (Footprints Without Feet)
- Reading Comprehension

**09 NOVEMBER - 08 DECEMBER**

- For Anne Gregory (First Flight)
- Bholi (Footprints Without Feet)
- The Proposal (First Flight)
- Integrated Grammar Practice
- Writing Skills Revision
- Literature Question Bank
- Speaking skills (December)

## सरदार पटेल विद्यालय

हिंदी कक्षा दसवीं

पाठ्यक्रम प्रथम सत्र 2024-25

क्र म सं.	पाठ्यपुस्तक- क्षितिज (भाग- 2) / कृतिका (भाग-2)	1अप्रै ल - 22अप्रै ल	22अप्रै ल- 10 मई	11मई- 17 मई	1 जुलाई - 19जुलाई	20जुला ई- 7 अगस्त	8 अगस्त- 29 अगस्त	30 अगस्त से 10 सितम्बर
1.	नेताजी का चश्मा - स्वयं प्रकाश	√						पुनरावृत्ति
2.	बालगोबिन भगत - रामवृक्ष बेनीपूरी				√			पुनरावृत्ति
3.	उत्साह - सूर्यकांत त्रिपाठी 'निराला'				√			पुनरावृत्ति
4.	अट नहीं रही है- सूर्यकांत त्रिपाठी 'निराला'				√			पुनरावृत्ति
5.	माता का अंचल (कृतिका) - शिवपूजन सहाय		√					पुनरावृत्ति
6.	यह दंतुरित मुस्कान - नागार्जुन		√					पुनरावृत्ति
7.	फसल - नागार्जुन			√				पुनरावृत्ति
8.	लखनवी अंदाज़- यशपाल				√			पुनरावृत्ति
9.	एक कहानी यह भी-मन्नू भंडारी				√	√		पुनरावृत्ति
10.	आत्मकथ्य-जयशंकर प्रसाद					√	√	पुनरावृत्ति
11.	सूर के पद - सूरदास	√						पुनरावृत्ति
12.	साना साना हाथ जोड़ि...- मधु कांकरिया					√	√	पुनरावृत्ति
*	<b>भाषायी-कौशल एवं रचनात्मक कार्य</b>							
1.	अपठित गद्यांश+काव्यांश अभ्यास	√		√	√	√	√	
2.	अनुच्छेद लेखन	√		√	√	√	√	पुनरावृत्ति
3.	पत्र-लेखन (औपचारिक व अनौपचारिक)	√		√	√	√	√	पुनरावृत्ति

4.	ईमेल , स्ववृत्त		√		√	√	√	
5.	विज्ञापन-लेखन		√		√	√	√	पुनरावृत्ति
6.	संदेश-लेखन			√	√	√	√	पुनरावृत्ति
*	<b>व्याकरण</b>							
1.	रचना के आधार पर वाक्य-भेद				√	√	√	पुनरावृत्ति
2.	वाच्य				√	√	√	पुनरावृत्ति
3.	पद-परिचय	√	√		√	√	√	पुनरावृत्ति
4.	अलंकार (उपमा,रूपक,अतिशयोक्ति, मानवीकरण,उत्प्रेक्षा)		√	√	√	√	√	पुनरावृत्ति

सरदार पटेल विद्यालय / पाठ्यक्रम हिंदी कक्षा - दसवीं प्रथम सत्र 2023-25

**CLASS X –SYLLABUS PLANNING FOR TERM 1 (MATHEMATICS) FOR THE YEAR 2024-25**

<b>DURATION</b>	<b>TOPICS TO BE COVERED</b>
<b>1/4/24-22/4/24</b>	<b>Linear equations in two variables( graphical method and their relation with coefficients, elimination method, substitution method and word problems)</b>
<b>23/4/24-10/5/24</b>	<b>Statistics (mean , mode for grouped data, cumulative frequency, median for grouped data)</b> <b>Polynomials(finding zeroes geometrically)</b>
<b>11/5/24-17/5/24</b>	<b>Polynomials ( relation between zeros and coefficients, questions based on zeroes of polynomials)</b>
<b>1/7/24-19/7/24</b>	<b>Similarity of triangles ( BPT , similarity criterion)</b> <b>Trigonometry (introduction, trigonometric ratios and trigonometric ratios of specific angles , trigonometric identities)</b>
<b>20/7/24-7/8/24</b>	<b>Quadratic equations (Solving quadratic equations and word problems , nature of roots)</b> <b>Arithmetic progressions(nth term of AP and related problems)</b>
<b>8/8/24-29/8/24</b>	<b>Sum of n terms of an AP.</b> <b>Probability ( theory of probability , practice problems)</b> <b>Real numbers (HCF and LCM of two numbers)</b> <b>[rest of the chapter will be continued in second term]</b>
<b>30/8/24-10/9/24</b>	<b>Revision</b>



**SYLLABUS BREAKUP FOR CLASS X FOR SST 2024-25**

DATES AND CLASSES	GEOGRAPHY/ECONOMICS	HISTORY/POLITICAL SCIENCE
1st APRIL – 22nd APRIL	GEO- CH.1- Resources & Development ECO- CH.1 Development	History Ch.1 – The Rise of Nationalism in Europe
23rd April – 10th May	GEO- CH.2 - Forest & Wildlife resources ECO- CH.1- Development	History Ch.1 – The Rise of Nationalism in Europe....contd. Pol. Sc. Ch.1 – Power Sharing
11th MAY – 17th MAY	GEO- CH.2 - Forest & Wildlife resources CH.3- Water Resources ECO- CH.1- Development	Pol. Sc. Ch.1 – Power Sharing.....contd. Pol. Sc. Ch.2 – Federalism
1st JULY - 19th JULY	GEO- CH.3- Water Resources ECO- CH.2- Sectors of Indian Economy	History Ch. 2 – Nationalism in India Pol. Sc. Ch. 4 – Gender, Religion & Caste
20th JULY - 7th AUGUST	GEO- CH.3- Water Resources CH.4- Agriculture ECO- CH.2- Sectors of Indian Economy	History Ch. 2 – Nationalism in India ..... contd. Pol. Sc. Ch. 4 – Gender, Religion & Caste..Contd.
8th AUGUST - 29th AUGUST	GEO- CH.4- Agriculture ECO- CH.3- Money & Credit	History Ch. 3 – The Making of a Global World (a portion)
30th AUGUST - 10th SEPTEMBER	REVISION	Revision + Map work

( दशमकक्ष्यायाः कृते प्रथमसत्रीय-पाठ्यक्रमः )

मासः	दिनाङ्कः	पाठ्यक्रमः	व्याकरणम्
अप्रैलमासः	01तः 22 यावत् 23तः मई10 यावत्	( प्रथमपाठः ) - शुचिपर्यावरणम् ( द्वितीयः पाठः ) - बुद्धिर्बलवती सदा	व्यञ्जनसन्धिः विसर्गसन्धिः
मई	1 तः 17 यावत्	( द्वितीयः पाठः ) - बुद्धिर्बलवती सदा	समासपरिचयः
जुलाई	1तः 19 यावत् 20तः अगस्त 07 यावत्	( चतुर्थः पाठः ) शिशुलालनम् तद्धितप्रत्ययाः	अव्ययानि समयः
अगस्त	8तः 29 यावत् 30तः सितम्बर 31 यावत्	( पञ्चम पाठः ) जननी तुल्यवत्सला वाच्यपरिवर्तनं समयः च	अशुद्धिसंशोधनम् प्रश्ननिर्माणम्
सितम्बर		पुनरावृत्तिः	पत्रलेखनम् अनुवादः च

**Syllabus (2024-25)**  
**Class X/ Fine Arts**  
**Sardar Patel Vidyalaya**  
**Term-1(Theory)**

1 <sup>st</sup> April- 22 <sup>nd</sup> April:	<b>Fundamentals of Visual Arts:</b> Introduction
23 <sup>rd</sup> April -10 <sup>th</sup> May:	The Elements of Art
11 <sup>th</sup> -17 <sup>th</sup> May:	<b>Story of Indian Art:</b> Appreciation of Indian Art covering selected paintings, sculptures and architectural glimpses. Bodhisattava Padmapani (Ajanta)
1 <sup>st</sup> July-19 <sup>th</sup> July:	Ashokan Lion capital (Mauryan Period)
20 <sup>th</sup> July -7 <sup>th</sup> August:	Kailashnatha Temple, (Ellora, Maharashtra)
8 <sup>th</sup> August- 29 <sup>th</sup> August:	The Principles of Art
30 <sup>th</sup> August- 10 <sup>th</sup> Sept:	Revision

**Term-1 (Practical)**

April	Sketching and Drawing Elements of art Book Art
May	Elements of Art Mix -Media Abstract Art
July	Figurative composition Still-life
August	Perspective drawing Figurative composition Creative composition
September	Portfolio presentation

## Food Production Syllabus (Year: 2024)

### Class X

Month	Syllabus	
	Food Production Book	Employability Skills
<b>April</b>	Chapter 1 Introduction to Cookery  Practical 1 (a) Make a pictorial chart on the components of food. Practical 1 (b) Make presentation on ingredients rich in protein, fat, carbohydrate in three groups.	Unit 1 Communication Skills – II
<b>May</b>	Chapter 2 Methods of Cooking  Practical 2 Make a pictorial chart on the different methods of cooking.	Unit 1 (Cont.) Communication Skills – II
<b>July</b>	Chapter 3 Vegetable and Fruit Cookery  Practical 3 Collect different samples of various types of fruits and vegetables and differentiate between fresh and stale ones. Note the observations which help to identify the fresher one.	Unit 2 Self Management Skills – I
<b>August</b>	Chapter 4 Soups	Unit 3 Information and Communication Technology Skills - II
<b>September</b>	Practical 4 Prepare the three soups – Cream of vegetable, sweet corn and tamatar shorba using the recipes in the chapter.  Field Visit / Project Work	Unit 3 (Cont.) Information and Communication Technology Skills - II
<b>October</b>	Chapter 5 Salads  Practical 5 Prepare a chart or draw different parts of salad.	Unit 4 Entrepreneurial Skills – II
<b>November</b>	Chapter 6 Sandwiches  Practical 6 Prepare a chart on different types of Sandwiches.	Unit 5 Green Skills – II
<b>December</b>	<ul style="list-style-type: none"><li>• Field Trip</li><li>• Assignment related to Field Trip</li></ul>	
	<b>Revision</b>	<b>Revision</b>

## Class X Home Science Syllabus

### Term 1 (Year: 2024-25)

Month	Syllabus
<b>April</b>	Unit I: Human growth & development II ➤ Part A: Play Practical: Make a suitable play material for children between birth to 5 years (group activity)
<b>May</b>	Unit I: Human growth & development II ➤ Part B: Childhood ➤ Part C: Adolescence Practical: List five areas of agreement and disagreement each with parents, siblings, and friends, and give your suggestion to improve the relationships.
<b>July</b>	Unit II: Management of Resources: Time and Energy ➤ Part A: Time ➤ Part B: Energy Practical: Make a time plan to self for one day.
<b>August</b>	Unit III: Food and Personal Hygiene
<b>September</b>	Unit IV: Meal Planning
	<b>Revision</b>

### Term 2 (Year: 2023-24)

Month	Syllabus
<b>October</b>	Unit IV: Meal Planning (Cont.) Practical: Plan a balanced meal for yourself.
<b>November</b>	Unit V: Food Safety and Consumer Education  Practical: Write a report on any five malpractices you have observed in the market and write your responsibilities as a consumer in each context.  Practical: Prepare a slogan/poster to create awareness on consumer education
<b>December</b>	Unit VI: Care and Maintenance of Fabrics and Apparel

	Practical: Remove stains from white cotton fabric: curry, grease, ball pen ink, lipstick, tea and coffee
<b>January</b>	<b>Revision</b>