

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

Month	Chapter	Topic
<b>TERM 2</b>		
1st OCTOBER to 28th October	Ch 10: Light-Reflection and refraction	<ul style="list-style-type: none"><li>● Nature of light</li><li>● Laws of reflection</li><li>● Real and virtual images</li><li>● Parts of spherical mirrors</li><li>● Ray diagram</li><li>● Uses of spherical mirror</li><li>● Sign convention</li><li>● Mirror formula</li><li>● numericals</li><li>● Refraction</li><li>● Refractive index</li></ul>
8 th November to 30 th November	Ch 10: Light-Reflection and refraction  Ch 11: Human Eye and the Colourful World	<ul style="list-style-type: none"><li>● Lens</li><li>● Ray diagrams</li><li>● Lens formula</li><li>● Numericals</li><li>● Power</li> <li>● Parts of human eye</li><li>● Functioning of human eye</li><li>● Defects of human eye and ray diagram</li><li>● Atmospheric refraction</li><li>● Scattering of light</li></ul>
1st December onwards		Revision

## CLASS 10/CHEMISTRY/2024-25

### Chapter : Carbon

Oct 1st- 28th Oct :

1. Bonding in carbon
2. Saturated and unsaturated carbon compounds
3. Homologous series , functional groups

8th Nov - 26th Nov :

1. Homologous series(.contd)
2. Chemical properties of carbon compounds
3. Chemical properties of ethanol and ethanoic
4. Soaps and detergents

**TERM 2 - SYLLABUS BREAK-UP**  
**SCIENCE**  
**CLASS X**

<b>DATES</b>	<b>TOPICS</b>
1st October - 28th October 2024	Control and Coordination (Plants + Animals)
8th November - 26th November 2024	Control and Coordination (Animals + Laws of Heredity)
27th November -30th november 2024	Sex determination
2nd December 2024 onwards	Revision for Pre-board Examinations

**SARDAR PATEL VIDYALAYA**  
**CLASS 10 ENGLISH LANGUAGE AND LITERATURE COURSE**  
**TERM 1 (2023-24)**

**03 - 30 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)
- Business Letters (Writing)

**01 - 20 MAY**

- Nelson Mandela (First Flight)
- 2 Stories About Flying (First Flight)
- A Tiger in the Zoo (First Flight)
- A Thief's Story (Footprints)
- Tenses/Verb Form (Grammar)
- Reading Comprehension

**03 - 18 JULY**

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

**19 - 31 JULY**

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

**01 - 16 AUGUST**

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

**17 - 31 AUGUST**

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

**01 - 10 SEPTEMBER**

- The Necklace (Footprints)
- Integrated Grammar Practice
- Revision

**SARDAR PATEL VIDYALAYA**  
**CLASS 10 ENGLISH LANGUAGE AND LITERATURE COURSE**  
**TERM 2 (2022-23)**

**30 SEPTEMBER - 28 OCTOBER**

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

**08 NOVEMBER - 26 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)
- For Anne Gregory (First Flight)
- Reading Comprehension

**27 NOVEMBER - 7 DECEMBER**

- Bholi (Footprints Without Feet)
- The Proposal (First Flight)
- Integrated Grammar Practice
- Writing Skills Revision
- Practice Test Papers
- Literature Question Bank

Speaking skills in December

हिंदी कक्षा दसवीं

सरदार पटेल विद्यालय  
हिंदी पाठ्यक्रम (2024-25) द्वितीय सत्र

क्रम सं.	पाठ्यपुस्तक- क्षितिज (भाग- 2) / कृतिका (भाग-2)	1-28 अक्तूबर	8-26 नवम्बर	27नवंबर -23दिसं बर	दिसंबर
1.	राम लक्ष्मण परशुराम संवाद- तुलसीदास	√			पुनरावृ त्ति
2.	मैं क्यों लिखता हूँ - अज्ञेय	√			
3.	नौबत खाने में इबादत- यतींद्र मिश्र	√	√		पुनरावृ त्ति
4.	संगतकार- मंगलेश डबराल		√		पुनरावृ त्ति
5.	संस्कृति- भदंत आनंद कौसल्यायन		√	√	पुनरावृ त्ति
	पुनरावृत्ति			√	
*	भाषायी-कौशल एवं रचनात्मक कार्य				
1.	अपठित गद्यांश+काव्यांश अभ्यास	√	√	√	√
2.	अनुच्छेद लेखन	√	√	√	√
3.	पत्र-लेखन (औपचारिक व अनौपचारिक)	√	√	√	√
4.	ईमेल , स्ववृत्त	√	√	√	√
5.	विज्ञापन-लेखन	√	√	√	√
6.	संदेश-लेखन	√	√	√	√
*	व्याकरण				
1.	रचना के आधार पर वाक्य-भेद			√	√
2.	वाच्य			√	√
3.	पद-परिचय	√	√	√	√
4.	अलंकार (यमक उत्प्रेक्षा,अतिशयोक्ति,मानवी करण)		√	√	√

**CLASS X – SYLLABUS PLAN FOR MATHEMATICS (TERM2) 2024-25**

<b>S.NO</b>	<b>DATE</b>	<b>TOPIC</b>
1.	1/10/24 TO 28/10/24	<p><b>1. CIRCLES</b></p> <p>A) Tangent to a circle</p> <p>B) Radius perpendicular to tangent at the point of contact.</p> <p>C) Number of tangents from a point to the circle.</p> <p>D) Tangents from an external point to the circle are equal in length.</p> <p><b>2. APPLICATIONS OF TRIGONOMETRY</b></p> <p>A) Heights and distances</p> <p>B) Practice questions from NCERT and EXEMPLAR.</p> <p><b>3. AREAS RELATED TO CIRCLES</b></p> <p>A) Perimeter and area of a circle</p> <p>B) Area of sector and segment of a circle</p> <p>C) Areas of combination of plane figures.</p>
2.	8/11/24 TO 26/11/24	<p><b>1. COORDINATE GEOMETRY</b></p> <p>A) Distance formula</p> <p>B) Section formula</p> <p>C) Practice questions</p> <p><b>2. SURFACE AREAS AND VOLUMES</b></p> <p>A) Surface area of a combination of solids</p> <p>B) Volume of a combination of solids</p> <p>C) Conversion of a solid from one shape to another.</p> <p><b>3. REAL NUMBERS</b></p> <p>A) Fundamental theorem of Arithmetic</p> <p>B) Irrational numbers</p> <p>C) Rational numbers and their decimal representation .</p>
	27/11/24 TO 30/11/24	<p>Real number continues revision</p>

**Class X**  
**Social Science Syllabus**  
**Semester II (2024-2025)**

<b>Dates</b>	<b>GEOGRAPHY/ECONOMICS</b>	<b>HISTORY/POLITICAL SCIENCE</b>
1st October to 28th October	Chapter - Minerals And Energy Resources (Geo)  Chapter - Money And Credit (Eco)	Chapter 5: Print Culture And The Modern World (History)  Chapter 4: Political Parties (Pol. Sc)
8th November to 26th November	Chapter - Manufacturing Industries And Map Work Of Lifelines National Economy (Geo)  Chapter - Money And Credit Contd. (Eco) Chapter - Globalisation ( What Is Globalisation And Factors That Have Enabled Globalisation) (Eco)	Chapter 5: Outcomes Of Democracy (Pol. Sc)



# Sardar Patel Vidyalaya

## संस्कृतम्

### Syllabus For Second semester

#### CLASS-TEN :

FROM	TO	TOPICS
01/10/2024	28/10/2024	अपठितावबोधनम् , औपचारिकम् अथवा अनौपचारिकं पत्रम् , चित्रवर्णनम् अथवा अनुच्छेदलेखनम् , सन्धयः , समासः , विचित्रः साक्षी
08/11/2024	26/11/2024	हिन्दी / आङ्ग्लभाषातः संस्कृतेन अनुवादः , प्रत्ययाः , वाच्यप्रकरणम् , समयः , अव्ययपदानि , संशोधनकार्यम् , अभ्यासः पुनरावृत्तिश्च , सूक्तयः , अन्योक्तयः
27/11/2024	23/12/2024	अभ्यासः पुनरावृत्तिश्च / प्राक्-बोर्ड-परीक्षा
24/12/2024	23/01/2025	प्राक्-बोर्ड-परीक्षा
24/01/2025	10/02/2025	प्राक्-बोर्ड-परीक्षायाः परिणामानुसारं सम्बोधनम्
11/02/2025	28/02/2025	प्राक्-बोर्ड-परीक्षायाः परिणामानुसारं सम्बोधनम्

## 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>