

<u>BIOLOGY SYLLABUS</u>	<u>CLASS X 2023-24 Term 1</u>
PERIOD	CHAPTER/TOPIC
3rd - 25th April	Nutrition ,Respiration
26th- 14th May April / May	Excretion , Transportation (Animals)
15th -20th May	Transportation (plants)
3rd July -20th July.	Asexual Reproduction
21st July-10 th August .	Sexual Reproduction
11 th August -2 nd September	Our environment
3 rd -10th September	Revision.+ project for second term to be given
END OF TERM 1	

<u>BIOLOGY SYLLABUS</u>	<u>CLASS X 2023-24 Term 2</u>
PERIOD	CHAPTER/TOPIC
29 th september to 18 th october	Control and coordination (plants)
25 th october to 9 th November	Control and coordination (Animals)
15 th November - 2nd December	Heredity – Fundamentals of genetics.
9 th Dec onwards till preboard exam	Revision .

CHEMISTRY SYLLABUS 2023-24

_ MONTH		CHAPTER AND TOPIC
<u>APRIL</u>	3rd - 21st 22 - 30th	Ch-1 Chemical reactions and equations <ul style="list-style-type: none">• Combination• Decomposition• Displacement• Double displacement• Redox
<u>MAY</u>	1 - 10th BLOCK- 20th	<ul style="list-style-type: none">• Redox (continued)• Redox (application of redox- corrosion)• Rancidity Ch.2- Acids bases and salts <ul style="list-style-type: none">• Indicators• Physical and chemical properties of acids and bases.•
<u>JULY</u>	<u>3rd- 18th</u> <u>19 - 31st</u>	Chapter -2 Acids bases and salts <ul style="list-style-type: none">• pH of salts• Different chemical compounds <ul style="list-style-type: none">• Different compounds (continued) Chapter - 3 Metals and non metals <ul style="list-style-type: none">• Physical and chemical properties of metals and non metals
<u>AUGUST</u>	<u>1st - 15th</u> <u>16th - 31st</u>	<ul style="list-style-type: none">• Ionic compound• Metallurgy <ul style="list-style-type: none">• Metallurgy (continued)• Alloys
SEPTEMBER	<u>1st - 10th</u>	<ul style="list-style-type: none">• Revision
<u>OCTOBER</u>		Ch. Carbon and its compounds

		<ul style="list-style-type: none"> • Covalent compounds and its properties • Homologous series
<u>NOVEMBER</u>	<u>1st - 15th</u>	<ul style="list-style-type: none"> • Functional groups • chemical compounds
	<u>16th - 28th</u>	<ul style="list-style-type: none"> • Chemical compounds (continued) • Soap and detergent • Revision

CLASS X PHYSICS SYLLABUS PLANNING

PERIOD	CHAPTER/TOPIC
3 RD TO 25 TH APRIL	ELECTRICITY CHARGE,POTENTIAL DIFFERENCE, OHMS LAW
26 TH APRIL TO 14 TH MAY	ELECTRICITY RESISTIVITY, SERIES ,PARALLEL COMBINATION
15 TH MAY TO 20 TH MAY	ELECTRICITY HEATING EFFECT, POWER
3 RD JULY TO 20 TH JULY	MAGNETIC EFFECT OF CURRENT MAGNETIC FIELD, FIELD DUE TO CURRENT CARRYING CONDUCTOR
21 ST JULY TO 10 TH AUGUST	MAGNETIC EFFECT OF CURRENT FORCE EXPERIENCED BY CURRENT CARRYING CONDUCTOR
11 TH AUGUST TO 2 ND SEPTEMBER	AC,DC DOMESTIC CIRCUIT
3 RD SEPTEMBER TO 10 TH SEPTEMBER	REVISION
3 RD OCTOBER TO 17 TH OCTOBER	LIGHT REFLECTION AND REFRACTION REFLECTION, SPHERICAL MIRROR, MIRROR FORMULA
18 TH OCTOBER TO 6 TH NOVEMBER	LIGHT REFLECTION AND REFRACTION REFRACTION, LENS, LENS FORMULA, POWER
7 TH NOVEMBER TO 20 TH NOVEMBER	HUMAN EYE AND COLORFUL WORLD HUMAN EYE, EYE DEFECTS
20 TH TO 30 TH NOVEMBER	HUMAN EYE AND COLORFUL WORLD ATMOSPHERIC REFRACTION AND SCATTERING OF LIGHT
1 ST DECEMBER TO 10 TH DECEMBER 2023	REVISION

Sardar Patel Vidyalaya
Computer Applications / Class X / Breakup of the Yearly Syllabus (2023-24)

Term 1	Term 2
3rd April - 30th April: HTML – I: Understanding HTML	29th September - 18th October Unit – II: Cascading style sheets
1st May - 20th May: HTML – II : Using Lists and Images	25th October - 11th November: Unit – II: Cascading style sheets (contd..) Unit – I: Networking (Internet Basics)
3rd July - 18th July: HTML – III : Links, Anchor tags	16th November - 30th November: Unit – I: Networking (Internet Services) Revision for Pre-Boards
19th July - 31st July: HTML – III: Tables	
1st August - 16th August: HTML – IV : HTML Forms, Audio and Video	
17th August - 31st August: Cyber Ethics	
1st September - 10th September: Revision for Term - I	

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)**

29 SEPTEMBER - 18 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)

25 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

15 NOVEMBER - 08 DECEMBER

- For Anne Gregory (First Flight)
- Bholi (Footprints Without Feet)
- The Proposal (First Flight)
- Integrated Grammar Practice
- Writing Skills Revision
- Practice Test Papers

- Literature Question Bank

Speaking skills in December

सरदार पटेल विद्यालय

हिंदी कक्षा दसवीं

पाठ्यक्रम प्रथम सत्र 2023-24

क्र. म. सं.	पाठ्यपुस्तक- क्षितिज (भाग- 2) / कृतिका (भाग-2)	अप्रैल - (3-30)	मई- (1-20)	जुलाई - (3-18)	जुलाई (19-31)	अगस्त (1-16)	अगस्त (17-31)	सितम्बर (1-8)
1.	नेताजी का चश्मा - स्वयं प्रकाश	√						पुनरावृत्ति
2.	बालगोबिन भगत - रामवृक्ष बेनीपुरी			√				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 जोडि..- मधु कांकरिया					√	√	पुनरावृत्ति
*	भाषायी-कौशल एवं रचनात्मक कार्य							
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
*	व्याकरण							
1.	रचना के आधार पर वाक्य-भेद		√	√	√	√	√	पुनरावृत्ति
2.	वाच्य	√	√	√	√	√	√	पुनरावृत्ति

3.	पद-परिचय	√	√	√	√	√		पुनरावृत्ति
4.	अलंकार (श्लेष,उत्प्रेक्षा,अतिशयोक्ति, मानवीकरण)		√	√	√	√		पुनरावृत्ति

सरदार पटेल विद्यालय / पाठ्यक्रम हिंदी कक्षा - दसवीं प्रथम सत्र 2023-24

सरदार पटेल विद्यालय

हिंदी कक्षा दसवीं

हिंदी पाठ्यक्रम

(2023-24) द्वितीय सत्र

क्रम सं.	पाठ्यपुस्तक- क्षितिज (भाग- 2) / कृतिका (भाग-2)	29 सितंबर 18 अक्तूबर	25 अक्तूबर- 9 नवम्बर	15 नवंबर-8 दिसंबर	दिसंबर
1.	एक कहानी यह भी-मन्नू भंडारी	√			पुनरावृ त्ति
2.	राम लक्ष्मण परशुराम संवाद- तुलसीदास			√	
3.	मैं क्यों लिखता हूँ - अज्ञेय		√		पुनरावृ त्ति
4.	नौबत खाने में इबादत- यतींद्र मिश्र				पुनरावृ त्ति
5.	संगतकार- मंगलेश डबराल		√		पुनरावृ त्ति
6.	संस्कृति- भदंत आनंद कौसल्यायन				पुनरावृ त्ति
*	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, मानवीकरण)		✓	✓	✓
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CLASS X / Maths Syllabus

Term 1	
Months (Periods)	Chapters
3.4.23 - 25.4.23	Linear equations in two variables(graphical method and their relation with coefficients, elimination method, substitution method and word problems)
26.4.23 - 15.5.23	Polynomials(finding zeroes geometrically, relation between zeros and coefficients), Statistics (finding mean and mode for grouped data)
16.5.23 - 19.5.23	Statistics(cumulative frequency, finding median)
3.7.23 - 15.7.23	Similarity of triangles (BPT, similarity criterion), Trigonometry (introduction, trigonometric ratios and trigonometric ratios of specific angles)
17.7.23 - 4.8.23	Trigonometry(trigonometric identities) , Quadratic equations(Solving quadratic equations and word problems, nature of roots)
5.8.23 - 24.8.23	Arithmetic progressions(nth term of AP and related problems, Sum of n terms of an AP),Probability (theory of probability)
25.8.23 - 5.9.23	Probability(solving problems), Revision
Term 2	
29.9.23 - 18.10.23	Applications of Trigonometry(angle of elevation and depression, solving problems) , Circles(tangent/s to a circle, theorems, solving problems)
25.10.23 - 9.11.23	Coordinate geometry(distance formula and section formula and related problems), Area related to circle(areas of sector and segment, application of formulas to solve problems), Surface area and Volume(surface area of combination of solids)
15.11.23 - 31.11.23	Surface area and Volume(volume of combination of solids),Real Numbers(fundamental theorem of arithmetic, concept of rational and irrational numbers)

(दशमकक्ष्यायाः कृते प्रथमसत्रीय-पाठ्यक्रमः)			
मासः	दिनाङ्कः	पाठ्यक्रमः	व्याकरणम्
अप्रैलमासः	03 तः 15 यावत्	(प्रथमपाठः) - शुचिपर्यावरणम्	व्यञ्जनसन्धिः
	15 तः 30 यावत्	(द्वितीयः पाठः) - बुद्धिर्बलवती सदा	विसर्गसन्धिः
मई	01 तः 20 यावत्	(द्वितीयः पाठः) - बुद्धिर्बलवती सदा	समासपरिचयः
जुलाई	03 तः 15 यावत्	(चतुर्थः पाठः) शिशुलालनम्	अव्ययानि
	15 तः 31 यावत्	तद्धितप्रत्ययाः	समयः
अगस्त	01 तः 15 यावत्	(पञ्चम पाठः) जननी तुल्यवत्सला	अशुद्धिसंशोधनम्
	15 तः 31 यावत्	वाच्यपरिवर्तनं समयः च	प्रश्ननिर्माणम्
सितम्बर		पुनरावृत्तिः	पत्रलेखनम् अनुवादः च

(दशमकक्ष्यायाः कृते द्वितीयसत्रीय-पाठ्यक्रमः)			
मासः	दिनाङ्कः	पाठ्यक्रमः	व्याकरणम्

अक्तूबरमासः	01 तः 15 यावत्	(षष्ठः पाठः) - सुभाषितानि	अन्वयाः
	16 तः 31 यावत्	(सप्तमः पाठः) - सौहार्द प्रकृतेः शोभा	भावार्थलेखनम्
नवम्बरमासः	01 तः 15 यावत्	(अष्टमः पाठः) - विचित्रः साक्षी	प्रत्ययाः
	16 तः 30 यावत्	(नवमः पाठः) - सूक्तयः	स्त्रीप्रत्ययाः
दिसम्बरमासः	01 तः 15 यावत्	(नवमः पाठः) - सूक्तयः	अशुद्धिसंशोधनम्
	16 तः 31 यावत्	(द्वादशः पाठः) - अन्योक्तयः	कृतप्रत्ययाः
जनवरी	01 तः 15 यावत्	प्रश्नपत्राभ्यासः	प्रश्ननिर्माणम्
	16 तः 31 यावत्	प्रश्नपत्राभ्यासः	प्रश्ननिर्माणम्

SYLLABUS BREAKUP FOR CLASS X FOR SST 2023-24

3rd April to 14 April	GEO- CH.1- Resources & Development ECO- CH.1 Development	History Ch.1 – The Rise of Nationalism in Europe Pol. Sc. Ch.1 – Power Sharing
17th April to 30th April	GEO- CH.1- Resources & Development ECO- CH.1 Development	History Ch.1 – The Rise of Nationalism in Europe Pol. Sc. Ch.1 – Power Sharing
1st May to 20th May	GEO- CH.2 - Forest & Wildlife resources ECO- CH.1- Development	Pol. Sc. Ch.1 – Power Sharing Pol. Sc. Ch.2 – Federalism History Ch. 2 – Nationalism in India
3rd July to 15th July	GEO- CH.3- Water Resources ECO-CH.2- Sectors of Indian Economy	Pol. Sc. Ch.2 – Federalism History Ch. 2 – Nationalism in India
16th July to 31st July	GEO- CH.3- Water Resources ECO-CH.2- Sectors of Indian Economy	Pol. Sc. Ch.2 – Federalism History Ch. 2 – Nationalism in India
1st August to 13th August	GEO- CH.4- Agriculture ECO-CH.2- Sectors of Indian Economy CH.3- Money and Credit (Till Terms of Credit)	History Ch. 3 – The Making of a Global World (a portion) Pol. Sc. Ch. 4 – Gender, Religion & Caste
16th August to 31st August	GEO- CH.4- Agriculture ECO-CH.2- Sectors of Indian Economy CH.3- Money and Credit (Till Terms of Credit)	History Ch. 3 – The Making of a Global World (a portion) Pol. Sc. Ch. 4 – Gender, Religion & Caste
1st September to 8th September	Revision	Revision

1st October to 18th October	GEO- Minerals and Energy Resources ECO- Money and Credit	History - Print Culture Pol. Sc. – Political Parties
26th October to 8th November	GEO- Minerals and Energy Resources ECO- Money and Credit	History - Print Culture Pol. Sc. – Political Parties
15th November to 30th November	GEO- Manufacturing Industries Lifelines of National Economy ECO- Globalisation and the Indian Economy	Pol. Sc. - Outcomes of Democracy History – Industrialisation

Syllabus (2023-24)
Class X/ Fine Arts
Sardar Patel Vidyalaya
Term-1(Theory)

3 rd April-30 th April:	Fundamentals of Visual Arts: Introduction
1 st May -20 th May:	The Elements of Art
3 rd July-18 th July:	Story of Indian Art: Appreciation of Indian Art covering selected paintings, sculptures and architectural glimpses. Bodhisattava Padmapani (Ajanta)
19 th July-31 st July:	Ashokan Lion capital (Mauryan Period)
1 st August-16 th August:	Kailashnatha Temple, (Ellora, Maharashtra)
17 th August-31 st August:	The Principles of Art
1 st Sept- 10 th Sept:	Revision

Term-2 (Theory)

23 rd Sept-28 th Sept:	Indian Folk Art – Painting: Madhubani , Worli
1 st October-15 October:	Methods and Materials of Painting Understanding and appropriate use of: Tools
25 th Oct- 31 st Oct:	Understanding and appropriate use of: Poster Colour
1 st Nov- 9 th Nov:	Understanding and appropriate use of: Watercolour, Oil Pastels and Pencils
15 th Nov- 30 th Nov:	Revision

Term-1 (Practical)

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

Term-2 (Practical)

October	Annual Display
November	Creative composition