

Our Lady of Pillar Convent School

Syllabus 2020-2021

Class X

ENGLISH

Periodic Assessment 01

First Flight	: Chapter 1, 2
Poem	: Chapter 1,2
Footprints w/o Feet	: Chapter 1
Grammar	: Modals, Determiners
Reading Skills	: Discursive Passage

Periodic Assessment 02

First Flight	: Chapter 1,2,3,4,5,6,7
Poem	: Chapter 1,2,3(The Ball Poem),4,6
Footprints w/o Feet	: Chapter 1 ,2,5,6
Grammar	: Tenses, Modals, Determiners, Subject –Verb Concord, Reported Speech (Command &Requests,Statements,Questions)
Writing Skills	: Formal Letter Writing, Analytical paragraph
Reading Skills	: Factual and Discursive Passage

Periodic Assessment 03

First Flight	: Chapter 1,2,3,4,5,6,7,9,10,11
Poem	: Chapter 1,2,3(The Ball Poem), 4,6,9
Footprints w/o Feet	: 1 ,2,5,6,7,8,9
Grammar	: Tenses, Modals, Determiners, Subject –Verb Covered, Reported Speech (Commands & Request,Statements & Questions)
Writing Skills	: Formal Letter Writing, Analytical paragraph
Reading Skills	: Factual Passage and Discursive Passage

Annual Examinations

Complete Syllabus as per CBSE

CHAPTERS DELETED (FIRST FLIGHT)

1. How to tell Wild animals
2. Trees
3. Fog
4. Mijbil the Otter
5. For Anne Gregory

CHAPTERS DELETED (FOORPRINT WITHOUT FEET)

1. The Midnight visitor
2. A Question of Trust
3. The Book That Saved The Earth

GRAMMAR (TOPICS DELETED)

- *Use of Passive Voice
- *Clauses: Noun, Adverb, Relative
- *Prepositions

HINDI

शैक्षिक सत्र 2020–2021 का पाठ्यक्रम

Periodic Test – 1

पाठ्यपुस्तक स्पर्श गद्य भाग :-	पाठ 1 बड़े भाई साहब
पाठ्यपुस्तक स्पर्श पद्य भाग :-	कबीर (साखी) मीरा (पद)
पूरक पाठ्यपुस्तक संचयन	– पाठ-1 हरिहर काका
व्यावहारिक व्याकरण	– पदबंध, वाक्य रूपांतरण
लिखित अभिव्यक्ति	– अनुच्छेद लेखन, विज्ञापन लेखन

नोट – Periodic Test 1 में बहुविकल्पी प्रश्न (Multiple Choice Questions) दिए जाएंगे।

Periodic Test – 2

अपठित गद्यांश

पाठ्यपुस्तक स्पर्श गद्य भाग :-	बड़े भाई साहब, ततौरा-वामीरो कथा
पाठ्यपुस्तक स्पर्श पद्य भाग :-	कबीर, मीरा, मनुष्यता
पूरक पाठ्यपुस्तक संचयन	– 1. हरिहर काका 2. सपनों के-से दिन
व्यावहारिक व्याकरण	– पदबंध, वाक्य रूपांतरण, समास, मुहावरे
लिखित अभिव्यक्ति	– अनुच्छेद लेखन, औपचारिक पत्र, सूचना लेखन, विज्ञापन लेखन, लघु कथा लेखन

PRE-BOARD

अपठित गद्यांश

पाठ्यपुस्तक स्पर्श गद्य भाग :-	बड़े भाई साहब, ततौरा-वामीरो कथा, अब कहाँ दूसरे के दुःख से दुःखी होने वाले,, कारतूस
पाठ्यपुस्तक स्पर्श पद्य भाग:-	कबीर, मीरा, मनुष्यता, पर्वत प्रदेश में पावस, कर चले हम फिदा,
पूरक पाठ्यपुस्तक संचयन	– 1. हरिहर काका 2. सपनों के-से दिन 3. टोपी शुक्ला

व्यावहारिक व्याकरण	– पदबंध, वाक्य रूपांतरण, समास, मुहावरे, अलंकार
लिखित अभिव्यक्ति	– अनुच्छेद लेखन, औपचारिक पत्र, सूचना लेखन, विज्ञापन लेखन, लघु कथा लेखन

नोट – निम्नलिखित पाठ हटा दिए गए हैं।

व्याकरण खंड

1. अलंकार

पद्य खंड

1. बिहारी के दोहे
2. महादेवी वर्मा – मधुर-मधुर मेरे दीपक जल
3. वीरेन डंगवाल – तोप
4. रविंद्रनाथ ठाकुर – आत्मत्राण

गद्य खंड

5. सीताराम सेकसरिया – डायरी का एक पन्ना
6. प्रहलाद अग्रवाल – तीसरी कसम के शिल्पकार शैलेंद्र
7. अंतोव चेखव – गिरगिट
8. रवींद्र केलेकर – पतझड़ में टूटी पत्तियाँ: (ii) गिन्नी का सोना

Mathematics

S. No.	Name of Examination	Chapter Number and Name	Topic Removed
1.	Periodic Test-1	1. Real Numbers	<ul style="list-style-type: none"> • Eudid's division lemma
		2. Polynomials	<ul style="list-style-type: none"> • Statement and simple problems on division algorithm for polynomials with real coefficients.
2.	Periodic Test-2	3. Pair of linear equation in Two variables	<ul style="list-style-type: none"> • Cross Multiplication Method
		5. Arithmetic progressions	<ul style="list-style-type: none"> • Application in solving daily life problems based on sum to n terms.
		7. Coordinate geometry	<ul style="list-style-type: none"> • Area of a triangle
		10. Circle	<ul style="list-style-type: none"> • No Deletion
		14. Statistics	<ul style="list-style-type: none"> • Step deviation method for finding the mean • Cumulative frequency graph
		15. Probability	<ul style="list-style-type: none"> • No deletion
<p>Note: Chapter 1 and 2 from periodic test 1 are included in periodic 2</p>			
3.	Periodic Test -3	4. Quadratic equation	<ul style="list-style-type: none"> • Situational problems based on equation reducible to quadratic equations.
		6. Triangles	<ul style="list-style-type: none"> • Proof of the following theorems are deleted. • The ratio of the areas of two similar triangles is equal to the ratio of the squares of their corresponding sides. • In a triangle if the square on one side is equal to sum of the squares on the other two sides, the angle opposite to the first side is a right angle.

		8. Introduction to trigonometry	<ul style="list-style-type: none"> • Motivate the ratios whichever are defined at 0° and 90°. • Trigonometric ratios of complementary angles
		9. Some application of trigonometry	<ul style="list-style-type: none"> • No deletion
		11. Construction	<ul style="list-style-type: none"> • Construction of a triangle similar to given triangle.
		12. Areas related to circles	<ul style="list-style-type: none"> • Problems on central angle of 120°.
		13. Surface area and volume	<ul style="list-style-type: none"> • Frustum of a cone.
		Note All chapters from periodic 1 and 2 are also included	
4.	Annual	All Chapter from 1 to 15.	

Science

Periodic Test 01

Chapter 12: (Physics) 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

Chapter 01: (Chemistry) Chemical reactions and equations:- Writing a chemical equation, balanced chemical equations, Types of chemical reactions(Combination, decomposition, displacement, double displacement, Oxidation and reduction reaction.

Topics Removed :- Corrosion and Rancidity.

Chapter 02: (Chemistry) Acids, bases and salts:- Introduction of acids, bases and salts on the basis of indicators.

Chapter 06: (Biology) Life processes :- Living being, Basic concept of nutrition, respiration, transportation and excretion in plants and animals.

Periodic Test 02

Chapter 12:(Physics) 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

Chapter 13: :(Physics) Magnetic Effects of Electric Current :- Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule, Electric Motor, Electromagnetic induction. Induced potential difference, Induced current. Fleming's Right Hand Rule.

Topics Removed:- Electric Generator, Direct current. Alternating current: frequency of AC, Advantage of AC over DC. Domestic electric circuits.

Chapter 10: :(Physics) Light Reflection & Refraction :- 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 (Derivation not required); Magnification. Power of a lens.

Chapter 01: (Chemistry) Chemical reactions and Equations :- Above topics are included.

Chapter 02 : (Chemistry) Acids, Bases and Salts :- Introduction of Acids, bases and salts, Properties of acids, bases and salts. PH scale, importance of PH in everyday life More about salts.

Topics Removed:- PH scale definition relating to logarithm excluded, Crystals of salts really dry.

Chapter 03(Chemistry) Metals and Non-metals :- . Properties of metals and Non-metals, Reactivity series.

Chapter 06: (Biology) Life processes:- Above all topics are included.

Chapter 08: (Biology) How do Organisms reproduce? :- Reproduction in animals and plants.(asexual and sexual) reproductive health-need and methods of family planning.

Chapter 09: (Biology) Heredity and Evolution :- Heredity; Mendel's contribution- Laws for inheritance of traits: Sex determination: brief introduction.

Topics Removed:- Evolution, Speciation, Evolution and Classification, Human Evolution.

Periodic Test 03

Chapter 12: (Physics) 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

Chapter 13:(Physics) Magnetic Effects of Electric Current:- Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule, Electric Motor, Electromagnetic induction. Induced potential difference, Induced current. Fleming's Right Hand Rule.

Topics Removed:- Electric Generator, Direct current. Alternating current: frequency of AC, Advantage of AC over DC. Domestic electric circuits.

Chapter 10: (Physics) : Light Reflection & Refraction :- 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 (Derivation not required); Magnification. Power of a lens.

Chapter 11: : (Physics) Colourful World :- Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life

Topics Removed:-Functioning of a lens in human eye, defects of vision and their corrections, applications of spherical mirrors and lenses.

Chapter 01: (Chemistry) Chemical reactions and Equations :- Above all topics are included.

Chapter 02 : (Chemistry) Acids, Bases and Salts :- Above all topics are included.

Chapter 03 (Chemistry) Metals and Non-metals :- Formation and properties of ionic compounds, above topics of chapter 3 also included.

Topics Removed :- Occurrence of metals and corrosion.

Chapter 04: (Chemistry) Carbon and its Compounds :- Covalent bonding in carbon compounds, versatile nature of carbon.

Topics Removed :- Chemical properties of carbon compounds, Some important carbon compounds, Soaps and detergents.

Chapter 05: (Chemistry) Periodic classification of elements :- Early attempts of classification of elements, Mendeleev's periodic table, Modern periodic table and the properties of elements.

Chapter 06: (Biology) Life processes:- Above all topics are included.

Chapter 08: (Biology) How do Organisms reproduce? :- Above all topics are included.

Chapter 09: (Biology) Heredity and Evolution :- Above all topics are included.

Chapter 15: (Biology) Our environment:- Eco- system, Environmental problems, Ozone depletion, Waste production and their solutions, Biodegradable and non-biodegradable substances.

Note: Chapter-7-Conton and Co-ordination, Chapter 14 – Sources of Energy, Chapter-16 Management of natural Resources are completely deleted from the syllabus and these chapters will not be asked in Periodic Test as well as in Board Examination.

***Chapter- 16 Management of Natural resources is deleted from syllabus, but it may be include for the internal assessment (portfolio).**

SOCIAL SCIENCE

Periodic 1

History	-	Chapter – 2	Nationalism In India
Civics	-	Chapter – 1	Power Sharing
Geography	-	Chapter – 1	Resources and Development
Economics	-	Chapter – 1	Development

Periodic 2

History	-	Chapter – 2	Nationalism In India
		Chapter – 1	The Rise of Nationalism in Europe
Civics	-	Chapter – 1	Power Sharing
		Chapter – 2	Federalism
Geography	-	Chapter – 1	Resources and Development
		Chapter – 3	Water Resources (Only Map items as given in the map list will be evaluated in Examination not the theoretical aspect of this Chapter will not be assessed)
Economics	-	Chapter – 4	Agriculture
		Chapter – 1	Development
		Chapter – 2	Sectors of the Indian Economy

Periodic 3

- History - Chapter – 1 The Rise of Nationalism in Europe
Chapter – 2 Nationalism In India
Chapter – 3 The Making of Global World
(Note : This Chapter will be assessed in the Periodic tests only and will not be evaluated in Board Examination)
- Civics - Chapter – 1 Power Sharing
Chapter – 2 Federalism
Chapter – 3 Political Parties
Chapter – 7 Out comes of Democracy
- Geography - Chapter – 1 Resources and Development
Chapter – 3 Water (Only Map items as given in the map list will be evaluated in Examination not the theoretical aspect of this Chapter will not be assessed)
Chapter – 4 Agriculture
Chapter – 5 Minerals and Energy Resources Drainage (Only Map items as given in the map list will be evaluated in Examination not the theoretical aspect of this chapter will not be assessed)
Chapter – 6 Manufacturing Industries
Chapter – 7 Lifelines of National Economy
- Economics - Chapter – 1 Development
Chapter – 2 Sectors of the Indian Economy
Chapter – 3 Money and Credit
Chapter – 4 Globalization and the Indian Economy

Board Examination

- History - Chapter – 1 The Rise of Nationalism in Europe
Chapter – 2 Nationalism in India
- Civics - Chapter – 1 Power Sharing
Chapter – 2 Federalism
Chapter – 3 Political Parties
Chapter – 7 Outcomes of Democracy
- Geography - Chapter – 1 Resources and Development
Chapter – 4 Agriculture
Chapter – 6 Manufacturing Industries
Chapter – 7 Lifelines of National Economy
Chapter – 3 Water Resources
Chapter – 5 Minerals and Energy Resources
Note : Chapter – 3 and Chapter – 5 The theoretical aspect of these chapters will not be assessed in Periodic Tests and Board Examination only. Map items as given in the map list from these Chapters will be evaluated in Board Examination.)
- Economics - Chapter – 1 Development
Chapter – 2 Sectors of the Indian Economy
Chapter – 3 Money and Credit
Chapter – 4 Globalisation and the Indian Economy

Deleted Syllabus Class - X

CLASS X		
S. No.	Chapter No. and Chapter Name (NCERT Textbook)	Recommended Portion for deletion
UNIT 1: INDIA AND THE CONTEMPORARY WORLD –II (HISTORY)		
1.	<i>Section 2 : Livelihoods, Economies and Societies</i> NOTE- ANY ONE OUT OF THESE TWO CHAPTERS (CH-3/CH4) Chapter 3: The Making of a Global World Chapter 4: The Age of Industrialisation	The chosen Chapter to be assessed in the Periodic Tests and not in Board Examination.
2.	Section 3: Everyday Life, Culture and Politics Chapter 5: Print Culture and the Modern World	Complete Chapter
UNIT 2: CONTEMPORARY INDIA – II (GEOGRAPHY)		
3	Chapter 2: Forest and Wildlife	Complete Chapter
4	Chapter 3: Water Resources	Complete Chapter except for Map Items which will be assessed in the Examination
5	Chapter 5: Mineral and Energy Resources	Complete Chapter except for Map Items which will be assessed in the Examination
UNIT 3: DEMOCRATIC POLITICS –II (POLITICAL SCIENCE)		
6	Chapter 3: Democracy and Diversity	Complete Chapter
7	Chapter 4: Gender, Religion and Caste	Complete Chapter
8	Chapter 5: Popular Struggles and Movements	Complete Chapter
9	Chapter 8: Challenges to Democracy	Complete Chapter

LIST OF MAP ITEMS CLASS X (2020-21)

A. HISTORY (Outline Political Map of India)

Chapter - 3 Nationalism in India – (1918 – 1930) for Locating and Labelling / Identification

1. Indian National Congress Sessions:

- a. Calcutta (Sep. 1920)
- b. Nagpur (Dec. 1920)
- c. Madras (1927)

2. Important Centres of Indian National Movement

- a. Champaran (Bihar) - Movement of Indigo Planters
- b. Kheda (Gujarat) - Peasant Satyagrah
- c. Ahmedabad (Gujarat) - Cotton Mill Workers Satyagraha
- d. Amritsar (Punjab) - Jallianwala Bagh Incident
- e. Chauri Chaura (U.P.) - Calling off the Non-Cooperation Movement
- f. Dandi (Gujarat) - Civil Disobedience Movement

B. GEOGRAPHY (Outline Political Map of India)

Chapter 1: Resources and Development (Identification only)

- a. Major soil Types

Chapter 3: Water Resources (Locating and Labelling)

Dams:

- | | |
|--------------------|----------------------|
| a. Salal | b. Bhakra Nangal |
| c. Tehri | d. Rana Pratap Sagar |
| e. Sardar Sarovar | f. Hirakud |
| g. Nagarjuna Sagar | h. Tungabhadra |

Note: Only map items of this chapter as listed above will be evaluated in Board Examination.

Chapter 4: Agriculture (Identification only)

- a. Major areas of Rice and Wheat
b. Largest / Major producer states of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute.

Chapter 5: Minerals and Energy Resources

Power Plants

(Locating and Labelling only)

- a. **Thermal**
- | | |
|-------------|--------------|
| . Namrup | . Ramagundam |
| . Singrauli | |
- b. **Nuclear**
- | | |
|-------------|-------------|
| . Narora | . Tarapur |
| . Kakrapara | . Kalpakkam |

Note: Only Map Items of this chapter as listed above will be evaluated in Board Examination.

Chapter 6: Manufacturing Industries (Locating and Labelling Only)

Cotton Textile Industries:

- | | | |
|-----------|---------------|----------|
| a. Mumbai | b. Indore | c. Surat |
| d. Kanpur | e. Coimbatore | |

Iron and Steel Plants:

- | | | |
|-------------|---------------|---------------|
| a. Durgapur | b. Bokaro | c. Jamshedpur |
| d. Bhilai | e. Vijaynagar | f. Salem |

Software Technology Parks:

- | | | |
|------------|-----------------------|--------------|
| a. Noida | b. Gandhinagar | c. Mumbai |
| d. Pune | e. Hyderabad | f. Bengaluru |
| g. Chennai | h. Thiruvananthapuram | |

Chapter 7: Lifelines of National Economy (Locating and Labelling)

Major Ports:

- | | | |
|------------------|-------------------|--------------|
| a. Kandla | b. Mumbai | c. Mormagao |
| d. New Mangalore | e. Kochi | f. Tuticorin |
| g. Chennai | h. Vishakhapatnam | i. Paradip |
| j. Haldiaz | | |

International Airports:

- | | |
|--|--|
| a. Amritsar (Raja Sansi) | b. Delhi (Indira Gandhi International) |
| c. Mumbai (Chhatrapati Shivaji) | d. Chennai (Meenam Bakkar) |
| e. Kolkata (Netaji Subhash Chandra Bose) | |
| f. Hyderabad (Rajiv Gandji) | |

Note : Items of Locating and Labelling may also be given for Identification

INFORMATION TECHNOLOGY

S no	Name of Examination	Chapter Number
1	Periodic Test 01	Part A: Unit 1,2,3
2	Periodic Test 02	Part A: Unit 1,2,3 Part B: Unit 1,2,3
3	Periodic Test 03	Part A: Unit 1,2,3,4,5 Part B: Unit 1,2,3,4,5,6
4	Annual	Board Exam

