

ARWACHIN BHARTI BHAWAN SR.SEC.SCHOOL

SYLLABUS (CLASS-X)

SESSION-2019-20

SUBJECT - ENGLISH

MARCH - MAY FIRST FLIGHT

L-1 LETTER TO GOD

L-2 NELSON MANDELA : LONG WALK TO
FREEDOM

L-3 TWO STORIES ABOUT FLYING

L-4 FROM THE DIARY OF ANNE FRANK

L-5 THE HUNDRED DRESSES PART-1

L-6 THE HUNDRED DRESSES PART-2

FIRST FLIGHT (POEM)

1.DUST OF SNOW

2. FIRE AND ICE

3. A TIGER IN THE ZOO

4. HOW TO TELL WILD ANIMALS

FOOTPRINTS WITHOUT FEET

L-1 A TRIUMPH OF SURGERY

L-2 THE THIEF'S STORY

L-3 THE MIDNIGHT VISITOR

GRAMMAR

GAP FILLING & SENTENCE REORDERING

1 U.T

15TH MAY - 22ND MAY

JULY -AUGUST FIRST FLIGHT

L-7 GLIMPSES OF INDIA

L-8 MIJBIL THE OTTER

FIRST FLIGHT (POEM)

5. AMANDA

6. ANIMALS

FOOTPRINTS WITHOUT FEET

L-4 A QUESTION OF TRUST

L-5 FOOTPRINTS WITHOUT FEET

GRAMMAR

EDITING AND OMISSION

WRITING SKILL

COMPLAINT LETTER

LETTER TO EDITOR

STORY WRITING

1 TERMINAL EXAMINATION

26TH AUGUST - 7TH SEPTEMBER

SEPTEMBER-OCTOBER

FIRST LIGHT

L-9 MADAM RIDES THE BUS

L-10 THE SERMON AT BENARES

FIRST FLIGHT (POEM)

7. THE TREES

8. FOG

FOOTPRINTS WITHOUT FEET

L-6 THE MAKING OF A SCIENTIST

II U.T

11 OCTOBER- 19 OCTOBER

NOVEMBER-DECEMBER

FIRST FLIGHT

L-11 THE PROPOSAL

(PLAY)

FIRST FLIGHT (POEM)

L-9 THE TALE OF CUSTARD THE
DRAGON

L-10 FOR ANNE GREGORY

FOOTPRINTS WITHOUT FEET

L-7 THE NECKLESS

L-8 THE HACKDRIVER

L-9 BHOLI

L-10 THE BOOK THAT SAVED THE EARTH

GRAMMAR

DIALOGUE COMPLETION

WRITING SKILLS

LETTER 1. PLACING ORDER

2. COMPLAINT ABOUT PRODUCT

3. INQUIRY

4. ARTICLE WRITING

II TERMINAL EXAMINATION

15TH NOVEMBER -30TH NOVEMBER

13TH JANUARY ONWARDS

SUBJECT-HINDI

अप्रैल- मई

स्पर्श

(गद्य) पाठ-1, बड़े भाई साहब,

पाठ-2, डायरी का एक पन्ना

(पद्य) पाठ-1 साखी (कबीर),

पाठ-2, पद (मीरा)

संचयन

पाठ-1, हरिहर काका

व्याकरण

शब्द-पद, समास, मुहावरे, अशुद्धि शोधन, अनुच्छेद, पत्र, संवाद

UNIT TEST I

जुलाई

स्पर्श

(गद्य) पाठ-3, ततौरा- वामीरो कथा

(पद्य) पाठ-3 दोहे(बिहारी),

पाठ-4, मनुष्यता

संचयन

पाठ-1, हरिहर काका

व्याकरण

अशुद्धि शोधन, अनुच्छेद, पत्र, संवाद, विज्ञापन

अगस्त-सितम्बर

स्पर्श

पाठ-6, अब कहाँ दूसरो के दुःख से दुखी होने वाले।

(पद्य) पाठ-5, पर्वत प्रदेश में पावस,

पाठ-7, तोप

संचयन
व्याकरण

पाठ-2, सपनों के से दिन
वाक्य रूपांतरण, अनुच्छेद, पत्र, सूचना लेखन, समास।

I TERMINAL

अक्टूबर- नवंबर

स्पर्श

(गद्य) पाठ-7, पतझर में टूटी पत्तियां,
पाठ-8, कारतूस।
(पद्य) पाठ-8, कर चले हम फ़िदा,
पाठ- 9, आत्मत्राण

संचयन
व्याकरण

पाठ-3, टोपी शुक्ला
शब्द-पद, अशुद्धि शोधन, अनुच्छेद, पत्र, सूचना लेखन, समास,
विज्ञापन।

UNIT TEST II

दिसंबर

स्पर्श-

गद्य) पुनरावृत्ति।
(पद्य) पुनरावृत्ति।

संचयन-
व्याकरण-

पुनरावृत्ति।
शब्द-पद, अशुद्धि शोधन, अनुच्छेद, पत्र, सूचना लेखन, समास,
संवाद-लेखन, विज्ञापन।

II TERMINAL

जनवरी-फरवरी

पुनरावृत्ति

PREBOARD

SUBJECT-MATHS

APRIL-MAY

Ch-1	Real Numbers
Ch-2	Polynomials
Ch-6	Triangles (Activity)
Ch-7	Co-Ordinate Geometry
Ch-8	Trigonometry
Ch-14	Statistics

1ST PERIODIC TEST

JULY- AUGUST

Ch-14	Statistics (Cont..) (<i>Activity</i>)
Ch-3	Linear Equations (<i>in Two Variables</i>)
Ch-10	Circles
Ch-15	Probability (<i>Activity</i>)

TERMINAL I

SEPTEMBER- OCTOBER

Ch-11	Construction (<i>Activity</i>)
Ch-4	Quadrilateral Equations
Ch-9	Application of Trigonometry (<i>Activity</i>)
Ch-5	Arithmetic Progression

2ND PERIODIC TEST

NOVEMBER- DECEMBER

Ch-5	Arithmetic Progression (Cont....)
Ch-12	Area Related to Cirlces
Ch-13	Surface Area & Volumes (<i>Activity</i>)

TERMINAL II

JANUARY- MARCH

Revision for Final Exams

PRE-BOARD

SUBJECT - SCIENCE

MONTH	CHAPTER/EXAM	EXPERIMENTS
<u>APRIL</u>	Chapter-1 : Chemical Reactions Chapter-2 : Acids , Bases and Salts	<u>Expt1</u> - Performing and observing following reactions and classifying them into: (a)Combination reaction (b) Decomposition reaction

Chapter-12:

Sources of Energy

(c) Displacement Reaction (d) Double Displacement Reaction

Expt2-Find the pH of the following samples by Using pH paper / universal indicator

(a) Dilute HCl

(b) Dilute NaOH Solution

(c) Dilute Ethanoic acid

(d) Lemon Juice

(e) Water

(f) Dilute Sodium Bicarbonate solution

MAY

Chapter-3 :

Metals and Non-Metals

Expt3- Observing the action of Zn, Fe, Cu, Al metals on following salt solution:

(a) Zinc sulphate (aq)

(b) Ferrous sulphate (aq)

(c) Copper sulphate (aq)

(d) Aluminium Sulphate (aq) , Arranging these metals in decreasing order of reactivity based on above result

Chapter- 6:

Life Processes

Expt6:- Preparing a temporary mount of a leaf peel to show stomata

Expt7:- TO show that CO_2 is given out during respiration

UNIT TEST I

	Chapter-7: Control and Coordination	<u>Expt4:</u> - Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance .Also plot a graph between V and I.
<u>JULY</u>	Chapter-15: Our Environment	<u>Expt5:</u> - Determination of the equivalent resistance of two resistors when connected in series and parallel.
	Chapter- 12: Electricity	
<u>AUGUST</u>	Chapter-13: Magnetic Effects of Current	
	Chapter-16: Management of Natural Resources	
<u>SEPTEMBER</u>		<u>IST TERM EXAM</u>
<u>OCTOBER</u>	Chapter-4: Carbon & Its Compounds	<u>Expt8:</u> -To study following properties of Acetic acid (i) odour , (ii) Effect on litmus, (iii) Solubility in water, (iv) reaction with NaHCO_3
	Chapter-5: Periodic Classification of Elements	<u>Expt9:</u> - Study of the comparative cleaning capacity of a sample of soap in soft and hard water.
	Chapter-8: How Do Organisms Reproduce	<u>Expt15:</u> -Identification of the different parts of an embryo of a dicot Seed (pea , gram , or red kidney bean)

Expt12:- Studying (i) Binary fission in Amoeba and (ii) Budding in yeast , with the help of prepared slides.

UNIT TEST II

NOVEMBER

Chapter-9:

Heredity & Evolution

Chapter-10:

Light-Reflection

& Refraction

Chapter-11:

Human Eye &

Colourful world

Expt10:- Determination of focal length of (i) concave mirror , (ii) convex lens ,by obtaining image of a distant object.

Expt11:- Tracing the path of a ray light passing through a rectangular glass slab for different angles of incidence , angle of refraction, angle of emergence and interpret the result.

Expt13:- Tracing the path of the rays of light through a glass prism.

Expt14:- Finding the image distance for varying object distance in a case of a convex lens and drawing corresponding ray diagrams to show the nature of image formed.

DECEMBER

SECOND TERMINAL EXAMINATION

JANUARY

PRE BOARD EXAMINATION

FEBRUARY

RE-PRE BOARD EXAMINATION

SUBJECT - SOCIAL STUDIES

APRIL

History	Chap. 2: Nationalist Movement in Indo-China
Geography	Chap. 1- Resources and developments
Civics	Chap. 1- Power sharing

MAY

Economics	Chap. 1- Developments
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UNIT TEST I

Geography	Chap. 3- Water resources
Civics-	Chap.2- Federalism
Economics	Chap. 2- Sectors of Indian Economy

JULY

Geography-	Chap. 4- Agriculture
	Chap 5. Mineral and Energy Resources
Civics-	Chap. 3- Democracy and Diversity
	Chap. 4 - Gender, Religion & Caste

Economics-	Chap. 3- Money and Credit
History	Chap. 3- Nationalism in India

AUGUST

1ST TERMINAL

SEPTEMBER

Civics-	Chap. 6 - Political Parties
Economics-	Chap. 4- Globalization and the Indian Economy
	Chap. 5 - Consumers' Rights

OCTOBER

History-	Chap. 5- Work, Life & Leisure
Civics-	Chap. 7- Outcomes of Democracy

Chap. 8 - Challenges to Democracy

Geography Chap. 6 - Manufacturing Industries

Chap. 7 - Lifelines of Indian Economy

UNIT TEST II

NOVEMBER

History Chap. 7 - Print culture & Modern
World

DECEMBER

REVISION

IIND TERM

JANUARY

REVISION

PRE- BOARD

FEBRUARY

Revision

SUBJECT - MUSIC

FIRST TERM - APRIL TO AUGUST

- Definition : sangeet, saptak, alankar, aroh-avroh (Theory)
- What is classical music (Theory)
- Taal: dadra taal, kanrwa taal (Theory and Practical)

SECOND TERM - SEPTEMBER TO DECEMBER

- Difference between bhajan, gazal and geet (Theory)
- Introduction of dance (Theory)
- Biography of musicians: pt. Ravi Shankar and A.R Rahman (Theory)
- Swachh bharat song, national anthem, national song (Theory and Practical)

THIRD TERM - JANUARY TO MARCH

- REVISION AND ANNUAL EXAM

SUBJECT - ART

NAME OF THE BOOK - OPTIMA-ART PLUS - X

FIRST TERM -APRIL TO AUGUST

APRIL General Instructions- Files Preparation, Landscape in Color Tones

MAY Tree Stylization, Group Activity, Abstract Painting

JULY Landscape in hatching , folder , stripling in Bird's House

AUGUST bird Stylization , basket Decoration

SECOND TERM - SEPTEMBER TO DECEMBER

SEPTEMBER Package Designing , Half Yearly Examination

OCTOBER Knife Painting , Coffee Mug Designing

NOVEMBER Statue Decoration ,
Book Cover Design , Poster on Save Water

DECEMBER Revision

THIRD TERM (JANUARY TO MARCH)

JANUARY Revision

SUBJECT - HOME SCIENCE

BOOK NAME : GALAXY

PUBLISHER : INDIANNICA LEARNING PRIVATE LIMITED

MARCH

CH- 1

PLAY

CH -2 FEATURES OF CHILDHOOD

APRIL

CH -3 FEATURES AND PROBLEMS OF ADOLESCENTS

CH - 4 ADULTHOOD AND OLD AGE

CH - 5 TIME AND ENERGY MANAGEMENT

MAY **PERIODIC TEST I : CHAPTER 1,2,3 & 4**

CH - 6 FAMILY INCOME

JULY

CH - 7 FOOD AND PERSONAL HYGIENE

CH - 8 MEAL PLANNING

AUGUST-SEPTEMBER : HALF YEARLY EXAMINATION :CH 1,2,3,4,5,6,7 & 8

AUGUST

CH - 9 FOOD SAFETY AND CONSUMER EDUCATION

SEPTEMBER

CH - 10 CARE AND MAINTENANCE OF FABRICS

OCTOBER : PERIODIC TEST II : CH 9 & 10

OCTOBER

CH -11 READYMADE GARMENTS

NOVEMBER : REVISION