

SUBJECT : VOCAL MUSIC

S.NO.	MONTH	NAME OF THE LESSON
1.	APRIL	Alankar (First Four), Devotional Song (Bhajan), Regional Language Song (Dogri)
2.	MAY	Raga Bilawal Introduction, Aroh, Avroh, Pakar, Sthai & Antra with Taans
3.	JUNE +JULY	Alankar (Five to Ten) with Tabla on Teentaal
4.	AUGUST	Patriotic Song (Two), Teental on hands, Raga Yaman *Introduction * Aroh, Avroh, Pakar, Sthai & Antra with Taans
5.	SEPTEMBER	Dadra Taal on hands, Devotional Song (HYMN) Raga Kafi * Introduction * Aroh, Avroh, Pakar, Sthai & Antra with Taans
6.	OCTOBER	Patriotic song, Kehrwa Taal on hands, Raga Bhairav * Introduction * Aroh, Avroh, Pakar, Sthai & Antra with Taans, Diwali Song
7.	NOVEMBER	Devotional Song (Sufi), Devotional Song (Shabad), Regional Song / Dogri, Folk Song
8.	DECEMBER	Christmas Song/ Carols
9.	JANUARY	Patriotic Song
10.	FEBRUARY	Revision

SYLLABUS FOR CLASS 10TH

SUBJECT : ENGLISH

OBJECTIVES:-

1. Facilitate self-learning to enable the students become independent learners.
2. Use appropriate English to communicate in various social settings.
3. build listening and speaking into the curriculum.
4. develop curiosity and creativity through extensive reading.
5. build competence in the different registers of English.
6. enable the learner to access knowledge and information through reference skills like consulting a dictionary, internet etc.
7. enable the learner to review, organize and edit their own work and work done by peers.
8. Build greater confidence and proficiency in oral and written communication.
9. develop sensitivity to, and appreciation of, other varieties of English like Indian English, and the culture they reflect.
10. develop the ability and knowledge required in order to engage in independent reflection and inquiry.

S.NO.	MONTH	NAME OF THE LESSON/TOPIC
1.	APRIL	FIRST FLIGHT A Letter to God, Nelson Mandela, Two Stories about Flying, Dust of Snow, Fire and Ice. FOOT PRINTS : A Triumph of Surgery WRITING: Diary entry, Letter of inquiry GRAMMAR: Editing/omission, Reported Speech ENGLISH CLUB ACTIVITY Talk-it-Out
2.	MAY	FIRST FLIGHT From the Diary of Anne Frank, The Hundred Dresses-I, A Tiger in the Zoo, FOOT PRINTS :

		The Thief's Story WRITING: Letter of placing order, Letter to the Editor, Story Writing GRAMMAR : Sentence reordering ENGLISH CLUB ACTIVITY Critical Analysis (of any chapter read)
3.	JULY	FIRST FLIGHT The Hundred Dresses-II, How to Wild Animals FOOT PRINTS : A Midnight's vision ENGLISH CLUB ACTIVITY Debate
4.	AUGUST	FIRST FLIGHT Glimpses of India, The Ball Poem, Amanda, Mijbil the Otter FOOT PRINTS : A question of Trust, Footprints without feet WRITING : Letter of Complaint GRAMMAR : Dialogue completion, Gap-filling ENGLISH CLUB ACTIVITY Display your Talent
5.	SEPTEMBER	FIRST FLIGHT Madam Rides the Bus Animals The Trees FOOT PRINTS : The Making of a Scientist WRITING: Article GRAMMAR : Active/ Passive, Editing/ omissions, Gap- filling ENGLISH CLUB ACTIVITY Impromptu/Extempore speech
6.	OCTOBER	FIRST FLIGHT The Sermon at Benares, Fog

10.	FEBRUARY	on instrumental music. Practise of Tatkar, Tukras, Todas, Paltas and Gat in Teen Taal.
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SUBJECT : WORK EDUCATION

S.NO.	MONTH	NAME OF THE LESSON
1.	APRIL	Poster making on Advantages and Disadvantages of Social Media using paper Quilting.
2.	MAY	Poster making on Political Issues of 2019 in Mix Media (Grow Activity)
3.	JULY	Stone painting in which students can use acrylic or oil paints on stones to make different patterns, animals, mandana designs, Abstract paintings etc.
4.	AUGUST	Collage making on our country and our responsibility. It is a technique of art, primarily used in visual arts, where the art work is made from an assemblage of different forms, thus creating a new whole.
5.	SEPTEMBER	Plantation Drive (Field work)
6.	OCTOBER	Craft works on Saving our culture and traditions.
7.	NOVEMBER	Swatch Bharat Abhiyan (Field Work)
8.	DECEMBER	Visit to M.I. Room, in this activity each section will visit MI Room to learn some skills that how to use first aid in emergency situations.
9.	JANUARY	Poster making on Women empowerment.
10.	FEBRUARY	Best out of waste using different waste products.

2, Using lists and images

PRE BOARD-II

1. Using lists and images
2. Links, Anchors and Tables in HTML
3. Societal impacts of IT

SUBJECT : HEALTH & PHYSICAL EDUCATION

S.NO.	MONTH	NAME OF THE LESSON
1.	APRIL	Test, Measurement
2.	MAY	Play
3.	JULY	Gender Difference
4.	AUGUST	Stress and Doping
5.	SEPTEMBER	Physical Activity
6.	OCTOBER	Physiology in Physical Education Psychology
7.	NOVEMBER	Career Avenues
8.	DECEMBER	Sports Injuries

SUBJECT : CLASSICAL DANCE (KATHAK)

S.NO.	MONTH	NAME OF THE LESSON
1.	APRIL	“Tatkar” of Teen Taal in “Madhya laya” One “Tukra” in Madhya Laya
2.	MAY	One Single round “Tukra” in Madhya laya One “Tihai” in Madhya Laya
3.	JULY	Different movements in Teen Taal’s Madhya laya
4.	AUGUST	One Patriotic dance in Semi Classical
5.	SEPTEMBER	Two Fast “Todas” in Teen Taal’s Madhya laya
6.	OCTOBER	One to five “Paltas” in Teen Taal One fast “Tihai” in Madhya Laya
7.	NOVEMBER	One “ Saraswati Vandana” in classical dance.
8.	DECEMBER	Actions of “ Gat-Panihari” in Teen Taal’s Drut Laya.
9.	JANUARY	Fusion of “Kathak” and “Bharatanatyam”

FOOT PRINTS :

The Necklace

WRITING:Revision

GRAMMAR : Tenses

ENGLISH CLUB ACTIVITY

Endless Fable

FIRST FLIGHT

The Tale of Custard the Dragon, The
Proposal, For Anne Gregory

FOOT PRINTS :

The Hack Driver

WRITING : Revision

GRAMMAR : Revision

ENGLISH CLUB ACTIVITY

Role Play

FIRST FLIGHT

Revision

FOOT PRINTS :

Bholi, The Book that Saved the Earth

WRITING : Revision

GRAMMAR:Revision

ENGLISH CLUB ACTIVITY

Group Discussion

7. NOVEMBER

8. DECEMBER

9. JANUARY

10. FEBRUARY

PRE- BOARD 2

Doubt Clearing Sessions

SYLLABUS FOR CYCLE TEST -1

FIRST FLIGHT : A Letter to God, Nelson Mandela, From the Diary
of Anne Frank, Dust of Snow, Fire and Ice.

FOOTPRINTS : A Triumph of Surgery

WRITING : Letter to the Editor, Story Writing

GRAMMAR : Editing/Omission

SYLLABUS FOR HALF YEARLY

FIRST FLIGHT : Two Stories about Flying, From the Diary of Anne
Frank, The Hundred Dresses-I, The Hundred
Dresses-II, A Tiger in the Zoo, How to tell wild
Animals. The Ball Poem, Amanda, Mijbil the

FOOT PRINTS : Otter, A Letter to God, Glimpses of India.
 The Thief's story, A Midnight's Vision, A Question of Trust
WRITING : Story, Article, Formal Letter
GRAMMAR : Editing/Omission, Gap Filling, Sentence Re-ordering

SYLLABUS FOR PRE BOARD I

FIRST FLIGHT : Madam Rides the Bus, Animals, The Trees, The Sermon at Benares, Fog, The Tale of Custard the Dragon, For Anne Gregory, The Proposal, Two Stories about Flying, From the Diary of Anne Frank, The Hundred Dresses-I, The Hundred Dresses-II, A Tiger in the Zoo, How to tell wild Animals. A letter to God, Nelson Mandela, Dust of Snow, Fire and Ice, Glimpses of India, The Ball Poem, Annanda, Mijbil the otter

FOOTPRINTS : A Triumph of Surgery, The Thief's Story, A Midnight's Vision, A question of Trust, Footprints without feet, The Making of a Scientist, The Necklace, The Hack Driver

WRITING : Diary Entry, Formal Letter, Article, Story Writing
GRAMMAR : Editing/Omission, Gap Filling Sentence re-ordering, Dialogue Completion

SYLLABUS FOR PRE BOARD II

FIRST FLIGHT : A Letter to God, Nelson Mandela, Two stories about flying, Dust of snow, Fire and ice, From the Diary of Anne Frank, The Hundred Dresses-I, The Hundred Dresses-II, How to tell wild Animals, Glimpses of India, The Ball Poem, Amanda, Mijbil the Otter, Madam Rides the Bus, Animals, The Trees, The Sermon at Benares, Fog, The Tale of Custard the Dragon, For Anne Gregory, The Proposal,

FOOTPRINTS : A Triumph of Surgery, The Thief's Story, A Midnights vision, A question of Trust, Footprints without feet, The Making of a Scientist, The Necklace, The Hack Driver, Bholi, The Book that

Chapter 3 Money and Credit

PRE-BOARD-II

Chapter-1 Development
 Chapter 2 Sectors of Indian Economy
 Chapter 3 Money and Credit
 Chapter 4 Globalisation and Indian Economy

ENRICHMENT ACTIVITIES

TERM-I

Project on consumer rights and responsibilities

TERM-2ND :

Project on COPRA 1986 and Factors causing exploitation of consumers.

SUBJECT : COMPUTER

S.NO.	MONTH	NAME OF THE LESSON
1.	APRIL	Internet
2.	MAY	Internet Services
3.	JULY	Understanding HTML
4.	AUGUST	Understanding HTML (Contd.)
5.	SEPTEMBER	Using lists and images
6.	OCTOBER	Links, Anchors and Tables in HTML
7.	NOVEMBER	Links, Anchors and Tables in HTML (Contd.)
8.	DECEMBER	Social impacts of IT
9.	JANUARY	Societal impacts of IT Contd.)

SYLLABUS FOR CYCLE TEST-1

1. Internet

HALF YEARLY

1. Internet
2. Internet Services
3. Understanding HTML

PRE BOARD-I

1. Understanding HTML

ENRICHMENT ACTIVITIES

TERM-I

Prepare a chart to illustrate the dectoral symbols of major regional Political Parties in India

TERM-II: (Lesson 2nd Federalism)

Prepare a chart on the recognised language of India and also write percentage of the people speaking each language.

SUBJECT : ECONOMICS

S.NO.	MONTH	NAME OF THE LESSON
1.	APRIL	Development
2.	MAY	Chapter-2 Sectors of Indian Economy
3.	JULY	Chapter-2 (Contd.) Sectors of Indian Economy
4.	AUGUST	Money and Credit
5.	SEPTEMBER	Money and Credit and Revision for Half Yearly
6.	OCTOBER	Globalisation
7.	NOVEMBER	Globalisation and Revision of all the chapters
8.	DECEMBER	Revision + Pre Board-1
9.	JANUARY	Revision + Pre-Board-2
10.	FEBRUARY	Doubt Clearing Sessions

SYLLABUS FOR CYCLE TEST-1

Chapter-1 Development

SYLLABUS FOR (HALF YEARLY)

Chapter-1 Development

Chapter 2 Sectors of Indian Economy

SYLLABUS FOR PRE-BOARD -I

Chapter-1 Development

Chapter 2 Sectors of Indian Economy

saved the Earth.

WRITING : Diary Entry, Formal Letter, Article, Story Writing

GRAMMAR : Editing/Omission, Gap Filling Sentence re-ordering, Dialogue Completion

fglnh

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- d{kk eacgHkk'kd] cgd kãÑfrd l mHkkã ds çfr l dkj kRed l kp cukukA
- Nk=ka ea vks pkfjd fo'k; ka vks l mHkkã eackrphr eaHkkx ys i kus dh {kerk dk fodkl djuk gkskA
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- fgnh Hkk'kk ds nekjk vi us vutko fy [kdj l gt vfHko; fDr dj i kusea l {ke cukuk gkskA
- l pkj ds fofHku ek/; eka ea ç; Dr fgnh ds fofHku # i ka dks l e>kusdh ; kx; rk dk fodkl djukA
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2	ebz	<p>Assessment of Speaking Skills</p> <p>Li "kz</p> <p>dchj&l k[kh] rki] cM&Hkkbz l kgc</p> <p>Lkp; u&gfjgj dkd</p> <p>0; kdj.k % "kCn&in] l ekl] foKki u</p> <p>y[ku] l puk y[ku] i=&y[ku</p> <p>Assessment of Writing Skill</p> <p>"kCn&in dk vH; kl</p>
3	tw	
4	tykbz	<p>Li "kz</p> <p>i ož çns'k ea i kol</p> <p>0; kdj.k</p> <p>vuPnNn y[ku] i=&y[ku] v"ki) "kks'ku</p> <p>Assessment of Holidays Home work/Project</p>
4	vxLr	<p>Li "kz</p> <p>rrkj k&oehjksdFkk] ir>j eaVW/h i fRr; kj</p> <p>vkRerk.k] dkjrl</p> <p>l p; u % l i uka ds l sfnu</p> <p>0; kdj.k % okD; : i karj.k] l oln&y[ku]</p> <p>i = y[ku] okD; "ki) dj.k] l puk y[ku</p>
5	fl rEcj	<p>Li "kz</p> <p>euq; rk] fxjfxV&½doy i Bu grž</p> <p>l p; u % l i uka ds l sfnu</p> <p>0; kdj.k % "kCn&in] l ekl] okD; #i karj.k]</p> <p>v"ki) okD; kadk "kks'ku] l oln&y[ku] i =</p> <p>y[ku] l puk y[ku</p>
6	vDncj	<p>Li "kz</p> <p>e/kj & e/kj ejs nhi d ty&½doy i Bu</p>

1. Floods- Causes and Mitigation
2. Earthquakes - Causes and Mitigation
3. Global Warming- Causes and Mitigation
4. Changes and development in agriculture Industry

TERM-II

1. Map Skill Activity based on Chapter
- i) Agriculture
- ii) Manufacturing Industries
- iii) Mineral and Energy resources
- iv) Life Lines of National Economy

SUBJECT : POLITICAL SCIENCE

S.NO.	MONTH	NAME OF THE LESSON
1.	APRIL	Chapter-1 Power Sharing
2.	MAY + JUNE	Chapter -2 Federalism
3.	AUGUST	Chapter-4 Gender, Religion & Caste
4.	SEPTEMBER	Revision for Half Yearly
5.	OCTOBER	L-6 Political Parties
6.	NOVEMBER	Chapter-7 Outcomes of Democracy

SYLLABUS FOR CYCLE TEST-1

Chapter-1 Power Sharing

SYLLABUS FOR HALF YEARLY

Chapter-1 Power Sharing

Chapter 2 Federalism

SYLLABUS FOR PRE-BOARD -I

Chapter-1 Power Sharing

Chapter 2 Federalism

Chapter 4 Gender Religion and Caste

PRE-BOARD-II

Chapter-1 Power Sharing

Chapter 2 Federalism

Chapter 4 Gender Religion and Caste

Chapter 6 Political Parties

2. MAY Chapter 2 Forest and Wildlife
Chapter-3 Water Resources
3. JUNE + JULY Chapter-4 Agriculture
4. AUGUST Chapter-5 Mineral and Energy Resources
5. SEPTEMBER Chapter -5 Mineral and Energy Resources
(Contd)
6. OCTOBER Chapter-6 Manufacturing Industries
7. NOVEMBER Chapter-7 Lifeline of National Economy
8. DECEMBER Revision + Pre Board-1
9. JANUARY Revision + Pre-Board-2
10. FEBRUARY Doubt Clearing Sessions

SYLLABUS FOR CYCLE TEST-1

- Chapter-1 Resource and Development
- Chapter 2 Forest and Wild Life
- Chapter 3 Water Resources

SYLLABUS FOR HALF YEARLY EXAMS

- Chapter-1 Resource and Development
- Chapter 2 Forest and Wild Life
- Chapter 3 Water Resources
- Chapter 4 Agriculture
- Chapter 5 Mineral and Energy Resources

PRE-BOARD-I

- Chapter-1 Resource and Development
- Chapter 4 Agriculture
- Chapter 5 Mineral and Energy Resources
- Chapter 6 Manufacturing Industries

PRE-BOARD-II

- Chapter-1 Resource and Development
- Chapter 4 Agriculture
- Chapter 5 Mineral and Energy Resources
- Chapter 6 Manufacturing Industries
- Chapter 7 Life line of National Economy

ENRICHMENT ACTIVITIES

TERM-I

Project Work (Do any one)

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oky; fcgkjh&nkgs

I p; u

Vki h "kpyk

0; kdj.k % "kcn&in] okD; "kq] dj.k]

i = ys[ku] vi fBr xn; k[k] in; k[k] I puk
ys[ku] vuNn

Li "k

dj pys ge fQnk] rhl jh dle ds
f"kyi dkj %doy i Bu grh

I p; u %Vki h "kpyk

0; kdj.k % l ekl] okD; : i krj.k] i =

ys[ku] I puk ys[ku

I elr ikB; Øe dh i ujkofYk

7 uoEcj

8 fnl Ecj

LIST OF SUBJECT ENRICHMENT ACTIVITIES

	TERM-1	TERM-II
1	vfilku; dyk	1- okn fookn
2	vk"kkk'k.k	2½ ?kVuk dk o.ku
3	dfor&okpu	3½ I kefgd ppkz
4	ifj; kst uk dk; l	4½ ifj; kst uk dk; l

SYLLABUS FOR CYCLE TEST -1

Li "k &

in; Hkkk%ehjk ds in] dchj&l k[kh

xn; Hkkx %Mk; jh dk , d i Uuk] cM;Hkkbz l kgc

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l á kn d¼ l okn ys[ku] vi fBr xn; k[k∈ k[k] egkojka dk vfkz o
okD; ç; kxA

SYLLABUS FOR PERIODIC TEST-II (HALF YEARLY EXAMS)

Li "kz &

in; Hkkx% ehjk ds in] dchj & l k [kh] ioŕ çns'k ea i kol] vkRe=k.k

xn; Hkkx %cMsHkkbz l kgc] Mk; jh dk , d i Uuk] rrkjk&okehjksdFkk

ir>j eaVWh ifŕk; k] dkjnt

l p; u & gfjgj dkdj] l i ukads l sfnu

0; kdj.k "kCn o in] l ekl] jpuk dsvk/kkj ij okD; kaok : i krj .k]

v"ko) okD; "kq) dj.k] vuqNn] i = y[ku] l puk y[ku]

fokkiu] l okn y[ku] vifBr xn; kaok o in; kaok

SYLLABUS FOR PRE BOARD I & II

[kM ^d* 1/2vifBr ck/k1/2

1- vifBr xn; k]k] vifBr i | k" k

1/2; kogkfjd 0; kdj.k1/2

1- "kCn o in] okD; #i krj .k] okD; "kq) dj.k] l ekl] egkojs

1/2k; , oajd i qrd1/2Li "kz 1/2xn; Hkkx1/2

1- cMsHkkbz l kgc

2- Mk; jh dk , d i Uuk

3- rrkjk&okehjksdFkk

4- vc dgkj n] js ds nq] k l s nq] kh gksus okys

5- ir>j eaVWh ifRr; k;

6- dkjnt

Li "kz 1/2 n; Hkkx1/2

1- dchj

2- ehjk ds in

3- rki

4- ioŕ çns'k ea i kol

5- fcgkj h ds nks

6- euq; rk

		Europe
2.	MAY	Chapter-3 Nationalism in India
3.	AUGUST	Chapter-5 Age of Industrialisation
4.	OCTOBER	Chapter -7 The Print Culture and the Modern World.

SYLLABUS FOR CYCLE TEST-1

Chapter-1 The Rise of Nationalism in Europe

SYLLABUS FOR HALF YEARLY

Chapter-1 The Rise of Nationalism in Europe

Chapter 3 Nationalism in India

SYLLABUS FOR PRE BOARD 1

Chapter-1 The Rise of Nationalism in Europe

Chapter 3 Nationalism in India

Chapter 5 The Age of Industrialisation

SYLLABUS FOR PRE BOARD-II

Chapter-1 The Rise of Nationalism in Europe

Chapter 3 Nationalism in India

Chapter 5 The Age of Industrialisation

Chapter 7 Print Culture and the Modern World

ENRICHMENT ACTIVITIES HISTORY/POL.SCIENCE

TERM-I

Chapter 3 : Nationalism in India (1918-1930) for locating and labelling/identification

1. Indian Nation Sessions
 - a) Calcutta (September 1920)
 - b) Nagpur (December 1920)
 - c) Madras (1927)
2. Important Centres of Indian National Movements
 - a) Champaran (Bihar)-Movement of Indigo Plantees
 - b) Kheda (Gujarat)- Peasants Satyagraha

SUBJECT : GEOGRAPHY

S.NO.	MONTH	NAME OF THE LESSON
1.	APRIL	Chapter-1 Resource and Development

TERM-II

1. To identify the different parts of an embryo of a dicot seed (Pea, gram and red kidney bean)

SUBJECT : SOCIAL STUDIES

The main objectives of the syllabus are

1. To develop an understanding of contemporary India with its historical perspective of the goals and policies of national development in independent India.
2. To develop qualities clustered around the personal, social, moral, national and spiritual values that make a person humane and socially effective.
3. To promote an understanding of the issues and challenges of contemporary India-Environmental economic and social, as part of the development process.
4. To develop an appreciation of the richness and variety of India's heritage both natural and cultural and the need for the preservation.
5. To develop academic and social skill such as critical thinking, communicating effectively both in visual and verbal forms-cooperating with others, taking initiatives and providing leadership in solving others' problems.
6. To deepen the knowledge and understanding of India's environment in its totally, their interactive processes and effects on the future quality of peoples lives.
7. To recognise and celebrate outstanding contribution of individual social scientist.
8. To encourage international cooperation in the advancement of social science.
9. To develop an understanding of the processes of change and development both in terms of time and space, through which human societies have evolved.

HISTORY

S.NO.	MONTH	NAME OF THE LESSON
1.	APRIL	Chapter-1 The Rise of Nationalism in

7- dj pysge fQnk

8- vkRe=k.k

l p; u

1- gfjgj dkdk

2- l i ukæ ds l s fnu

3- Vki h "kðyk

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2- vuðNn y[ku

3- l puk y[ku

4- l ðkn y[ku

5- foKki u y[ku

SUBJECT : MATHS

OBJECTIVES OF MATHEMATICS AT TEACHING LEVEL:-

1. To inculcate the habit of learning by doing.
2. To develop ability to think, analyze and articulate logically.
3. To develop marking of basic algebraic skills.
4. To develop necessary skill to work with modern technological devices and Mathematical Software's.
5. To develop interest in mathematics as a problem solving tool in various fields for its beautiful structures and patterns etc.
6. To develop interest in the subject by participating in related competitions.
7. To acquaint students with different aspects of mathematics used in daily life.
8. To develop reverence and respect towards great mathematicians for their contributions to field of Mathematics
9. Develop drawing skills.
10. Feet the flow of reason while proving a result or solving a problem.

S.NO.	MONTH	NAME OF THE LESSON
1.	APRIL	Polynomials

.		Introduction to Trigonometry
2.	MAY	Real numbers, Triangles
3.	JUNE	Statistics
3.	JULY	Statistics (Contd.)
		Linear Equation in two variables
4.	AUGUST	Linear Equation in two variables (Contd.)
		Quadratic equation
5.	SEPTEMBER	Co-ordinate geometry
6.	OCTOBER	Some Application to Trigonometry
		Constructions
		Circles, Area related to circles
7.	NOVEMBER	Arithmetic Progression
		Probability, Surface Area and Volumes
8.	DECEMBER	Revision + Pre Board-1
9.	JANUARY	Pre-Board-2
10.	FEBRUARY	Doubt Clearing Sessions

SYLLABUS FOR CYCLE TEST -1

Polynomials, Trigonometry, Real Numbers

SYLLABUS FOR HALF YEARLY

Polynomials, Trigonometry, Triangle, Linear Equation in two variables, Real Number, Application to Trigonometry, Coordinate Geometry, Circles, Statistics

SYLLABUS FOR PRE-BOARD-1

Polynomials, Trigonometry, Triangle, Linear Equation in two variables, Real Number, Application to Trigonometry, Quadratic Equations, Arithmetic Progression, Coordinate Geometry, Circles, Construction, Probability, Statistics

PRE-BOARD-II

Polynomials, Trigonometry, Triangle, Linear Equation in two variables, Real Number, Application to Trigonometry, Quadratic Equations, Arithmetic Progression, Coordinate Geometry, Circles, Construction, Probability, Statistics, Area Related to Circle, Surface Area and

SUBJECT : BIOLOGY

S.NO.	MONTH	NAME OF THE LESSON
1.	APRIL	Life Processes
2.	MAY	Life Processes (Contd.) + Practicals
	JULY	Control and Co-ordination
3.	AUGUST	Control and Co-ordination
4.	SEPTEMBER	How do organism reproduce?+Practicals
5.	OCTOBER	Heredity and Evolution + Practicals
6.	NOVEMBER	Management of Natural Resources Our Environment
7.	DECEMBER	Revision + Preboard 1
8.	JANUARY	Revision + Preboard 1
9.	FEBRUARY	Doubt Clearing Class

SYLLABUS FOR CYCLE TEST -1

Life Processes (Photosynthesis, Digestion and Respiration)

SYLLABUS FOR (HALF YEARLY EXAMS)

1. Life Processes+Practicals
2. Control and Co-ordination

PRE BOARD-1

1. Life Processes + Practicals
2. Control and Co-ordination
3. How do organism Reproduce? + Practicals

PRE-BOARD-II

1. Life Processes+ Practicals
2. Control and Co-ordination
3. How do organisms Reproduce? + Practicals
4. Heredity and Evolution + Practicals
5. Our Environment
6. Natural Resources

ENRICHMENT ACTIVITIES

TERM-I

1. To prepare a temporary mount of a leaf peel to show stomata

SYLLABUS FOR CYCLE TEST -1

Chemical Reactions and Equations

SYLLABUS FOR (HALF YEARLY EXAMS)

1. Chemical Reactions and Equations
2. Acids, Bases and Salts + Practicals
3. Metals and Non-Metals + Practicals

PRE-BOARD-I

1. Chemical Reactions and Equations
2. Acids, Bases and Salts + Practicals
3. Metals and Non-Metals + Practicals
4. Periodic Classification of elements

PRE-BOARD-II

1. Chemical Reactions and Equations
2. Acids, Bases and Salts + Practicals
3. Metals and Non-Metals + Practicals
4. Periodic Classification of elements
5. Carbon and its compounds + Practicals

ENRICHMENT ACTIVITIES

TERM-I

1. To study the properties of acids and bases (HCl and NaOH) by their reaction with
 - a) Litmus solution (Blue/Red)
 - b) Zinc metal
 - c) Solid sodium carbonate.

TERM-II

2. To study the following properties of acetic acid
 - i) Odour
 - ii) Solubility in water
 - iii) Effect on litmus
 - iv) Reaction with sodium bicarbonate
3. To study the comparative Cleansing action of a sample of soap in soft and hard water

Volume.

ENRICHMENT ACTIVITY

TERM-1

1. Lab Activity : To illustrate that the medians of a triangle concur at a point (called the centroid) which always lies inside the triangle.
2. Lab Activity based on similar triangle.
3. Lab activity based on linear equations.

TERM-II

1. Lab Activity based on probability.
2. Lab Activity based on making a clinometer
3. Lab Activity to verify the pythagoreas theorm)

SUBJECT : SCIENCE

OBJECTIVES:-

1. To provide the broader objectives of science that is process, skill, knowledge, curiosity etc.
2. To encourage and enable students to develop inquiring minds and curiosity about science and nature.
3. To communicate scientific ideas, arguments, and practical experiences accurately in a variety of ways.
4. To think analytically, critically and creatively to solve problems.
5. To acquire knowledge, conceptual understanding and skills to solve problems and make informed decisions in scientific contents.
6. To understand the nature of science, and technology and society including the benefits and limitations of science and its applications in developments.
7. To enable the learner to review, organise and edit their own work and work done by peers.
8. To develop skills of scientific inquiry to design and evaluate scientific evidence to draw conclusions.

PHYSICS

S.NO. MONTH

NAME OF THE LESSON

1. APRIL

L-10 Light -reflection and refraction +

		Practical's
2.	MAY	L-11 Human Eye and Colourful World + Practicals
3.	JUNE+JULY	L-14 Sources of Energy and Revision
4.	AUG+SEPT	L-14 Sources of Energy and Revision (Contd.)
5.	OCTOBER	L-12 Electricity + Practical's
6.	NOVEMBER	L-13 Magnetic Effect of current
7.	DECEMBER	Revision + Pre Board-1
8.	JANUARY	Practicals and Pre-Board-2
9.	FEBRUARY	Doubt Clearing Sessions

SYLLABUS FOR CYCLE TEST-1

L-10 Light-Reflection and Refraction + Practical's

SYLLABUS FOR HALF YEARLY

L-10 Light-Reflection and Refraction + Practical's

L-11 Human Eye and Colourful World + Practical's

L-14 Sources of Energy

PRE-BOARD-I

L-10 Light-Reflection and Refraction + Practical's

L-11 Human Eye and Colourful World + Practical's

L-14 Sources of Energy

L-12 Electricity + Practical's

PRE-BOARD-II

L-10 Light

L-11 Human Eye and colourful world + Practical's

L-14 Source of Energy

L-12 Electricity + Practical's

L-13 Magnetic Effects

PRACTICAL'S COVERED

APRIL + MAY

1. Determination of the focal length of (i) Concave Mirror (ii) Convex Lens by obtaining the image of distant object.
2. Finding the image distance for varying object distance in case of a convex lens and drawing corresponding ray diagrams to

slow the nature of image formed.

AUGUST AND SEPTEMBER

1. Tracing the path of the ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.
2. Tracing the path of the rays of light through a glass prism.

NOVEMBER

1. Studying the potential difference (v) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between v and I.
2. Determination of the equivalent resistance of two resistors when connected in (a) series and (b) parallel.

ENRICHMENT ACTIVITY

1. Ohm's law and study various electrical devices connected in Ohm's Law
2. Faraday's law of electromagnetic induction and its experimental verification

SUBJECT : CHEMISTRY

S.NO.	MONTH	NAME OF THE LESSON
1.	APRIL	Chemical Reactions and Equations
2.	MAY+JUNE	Acids, Bases and Salts + Practical's
3.	JULY	Acids, Bases and Salts (Contd.)
4.	AUGUST	Metals and Non Metals (Contd.) + Practical's
5.	SEPTEMBER	Metals and Non Metals (Contd.) + Revision
6.	OCTOBER	Periodic Classification of Elements
7.	NOVEMBER	Carbon and its Compounds
8.	DECEMBER	Carbon and its Compounds (Contd.) + Practical's
9.	JANUARY	Revision + Pre-Board-2
10.	FEBRUARY	Doubt Clearing Sessions