



VASANTIBEN AND CHANDUBHAI PATEL ENGLISH SCHOOL

ANNUAL PLAN FOR THE ACADEMIC SESSION – 2026-2027

CLASS: XII SCIENCE (BIOLOGY)

SUBJECT: ENGLISH CORE (301)

Sr. No.	Month	Unit / Topics
1	March	<ol style="list-style-type: none">1. Introduction to Class XII English Core (Code301) Curriculum2. The Last Lesson (Prose)3. My Mother at Sixty-Six (Poem)4. The Third Level (Vistas Textbook) <p>➤ Notice Writing / Article Writing ➤ Reading Comprehension Practice</p>
2	April- May	<ol style="list-style-type: none">1. The Tiger King (Vistas Textbook)2. Lost Spring3. Deep Water4. Keeping Quiet (Poem) <p>➤ Article Writing ➤ Editorial Letter ➤ Reading Comprehension Practice</p>
3	June	<ol style="list-style-type: none">1. Journey to the end of the Earth2. The Enemy3. Indigo

		<ul style="list-style-type: none"> ➤ Invitation/Replies ➤ Reading Comprehension Practice
4	July	<ol style="list-style-type: none"> 1. The Rattrap 2. Poets and Pancakes(Prose) 3. A Thing of Beauty (Poem) <ul style="list-style-type: none"> ➤ Report Writing ➤ Reading Comprehension Practice
5	August	<ol style="list-style-type: none"> 1. On the Face of it (Prose) 2. The Interview (Prose) 3. A Roadside Stand (Poem) <ul style="list-style-type: none"> ➤ Report Writing ➤ Reading Comprehension Practice
6	September	<ol style="list-style-type: none"> 1. Aunt Jennifer’s Tigers (Poem) 2. Going Places (Prose) <ul style="list-style-type: none"> ➤ Application for a job with a Bio-data or Resume ➤ Reading Comprehension Practice
7	October	<ol style="list-style-type: none"> 1. Memories of Childhood (Prose) <ul style="list-style-type: none"> ➤ Reading Comprehension Practice
8	November	<p>Revision.</p> <p>ASL/Project/Speaking and Listening Assessment</p>
9	December	PB-1
9	January	PB-2

COURSE FOR THE TEST / EXAM

UNIT TEST – I APRIL-MAY	UNIT TEST – II JULY	HALF YEARLY EXAM SEPTEMBER	PRE-BOARD I DECEMBER	PRE-BOARD II JANUARY
Reading Comprehension Writing Literature: Prose – 1: The Last Lesson Poem – 1: My Mother At Sixty-Six. Prose -1 : The Third Level	Reading Comprehension Writing <u>Literature : Flamingo</u> Prose -2 : The Lost Spring Prose 3 – Deep Water Poem 2 – Keeping Quiet <u>Vistas</u> Prose 1 – The Tiger King Prose 2 – Journey to the end of the Earth.	Reading Comprehension Writing <u>Literature : Flamingo</u> Prose – 1: The Last Lesson Prose -2 : The Lost Spring Prose -3 : Deep Water Prose – 4 : The Rattrap Prose – 5 : Indigo Poem – 1: My Mother at Sixty-Six. Poem – 2: Keeping Quiet Poem- 3 : A Thing of Beauty <u>Vistas</u> Prose 1 – The Third Level Prose -2: The Tiger King Prose 3 – Journey to the End of the Earth.	COMPLETE SYLLABUS	COMPLETE SYLLABUS

SUBJECT: PHYSICS (042)

S. No	Month	Unit / Topics
1	March	Chap-1: Electric charges and electric field. Chap-2: Electrostatic potential and capacitance
2	April- May	Chap-3: Current electricity Chap-4: Moving charges and magnetic fields.
3	June	Chap-5: Magnetism and matter Chap-6: Electromagnetic induction
4	July	Chap-7: Alternating current Chap-8: Electromagnetic waves
5	August	Chap-9: Ray optics and optical instruments Chap-10: Wave optics
6	September	Chap-11: Dual nature of radiation and matter Chap-12: Atoms
7	October	Chap:13: Nuclei, Chap-14: Semiconductor devices
8	November	Chap-14: Semiconductor devices
9	December	Pre-Board 1
10	January	Pre-Board 2

COURSE FOR THE TEST / EXAM

UNIT TEST – I APRIL-MAY	UNIT TEST – II JULY	HALF YEARLY EXAM SEPTEMBER	PRE-BOARD I DECEMBER	PRE-BOARD II JANUARY
Chap-1: Electric charges and electric field. Chap-2: Electrostatic potential and capacitance Chap-3 Current electricity	Chap-4: Moving charges and magnetic fields. Chap-5: Magnetism and Matter Chap-6: Electromagnetic induction	Chap-1: Electric charges and electric field. Chap-2: Electrostatic potential and capacitance Chap-3 Current electricity Chap-4: Moving charges and magnetic field. Chap-5: Magnetism and Matter Chap-6: Electromagnetic induction Chap-7: Alternating current	Half yearly syllabus and Chap-8: Electromagnetic waves Chap-9: Ray optics and optical instruments Chap-10: Wave optics Chap-11: Dual nature of radiation and matter	COMPLETE SYLLABUS

SUBJECT: CHEMISTRY (043)

Sr. No.	Month	Unit / Topics
1	March-April- May	6.Haloalkanes & Haloarenes & 7.Alcohols,phenols & ethers
2	June	1.Solutions and 4.d & f- block elements
3	July	2.Electrochemistry & 5.Co-ordination compounds
4	August	3.Chemical kinetics
5	September	8.Aldehydes, ketones & Carboxylic acids
6	October	9.Amines-Organic compounds containing Nitrogen.
7	November	10. Bio-molecules
8	December	PB-I
9	January	PB-II

COURSE FOR THE TEST / EXAM

UNIT TEST – I APRIL-MAY	UNIT TEST – II JULY	HALF YEARLY EXAM SEPTEMBER	PRE-BOARD I DECEMBER	PRE-BOARD II JANUARY
6.Haloalkanes & Haloarenes 7.Alohols,phenols & ethers	1.Solutions 6.Haloalkanes & Haloarenes 7.Alohols,phenols & ethers 4.d & f- block elements	4.d & f- block elements 1.Solutions 6.Haloalkanes & Haloarenes 7.Alohols,phenols & ethers 2.Electrochemistry 5.Co-ordination compounds	1.Solutions 2.Electrochemistry 3.Chemical kinetics 4.d & f- block elements 5.Co-ordination compounds 6.Haloalkanes & Haloarenes 7.Alohols,phenols & ethers 8.Aldehydes, ketones & Carboxylic acids 9.Amines-Organic compounds containing Nitrogen 10. Bio-molecules	COMPLETE SYLLABUS

SUBJECT: BIOLOGY (044)

Sr. No.	Month	Unit/ Topic
1	March	L -5Molecular basis of inheritance L- 4 Principles of inheritance
2	April-May	L - 4 Principles of inheritance Continue..... L-9. Principles of biotechnology
3	May	L-9 Principles of biotechnology
4	June	L- 10 Biotechnology Principles L - 7 Human Health & Diseases
5	July	L-7. Human Health & Diseases Con. L.6 Evolution
6	August	L-1 Reproduction in Flowering Plants L-2 Human reproduction
7	September	L- 2 Human Reproduction L- 3 Reproductive Health
8	October	L- 8 Microbes In Human Health L- 11 Organisms & Population L -12 Ecosystem
9	November	L -12 Ecosystem cont.... L – 13 Biodiversity
10	Dec/Jan	Pre – Board – 1 Pre – Board – 2

COURSE FOR THE TEST / EXAM

UNIT TEST – I APRIL-MAY	UNIT TEST – II JULY	HALF YEARLY EXAM SEPTEMBER	PRE-BOARD I DECEMBER	PRE-BOARD II JANUARY
5. Molecular Basis of Inheritance (Topic- Search for genetic material, Replication & Translation)	4. Principles of Inheritance & Variations 5. Molecular Basis of Inheritance (Topic- Translation, Genetic code, Gene regulation Human genome project, DNA fingerprinting)	4. Principles of Inheritance & Variation 5. Molecular basis of Inheritance 6. Evolution 7. Human health and diseases 9. Principles of biotechnology 10. Applications of biotechnology	1. Sexual Reproduction in Flowering Plants 2. Human Reproduction 3. Reproductive Health 4. Principles of Inheritance & Variation 5. Molecular Basis Of Inheritance 6. Evolution 7. Human health and diseases 8. Microbes in Human Welfare 9. Principles of biotechnology 10. Applications of biotechnology 11. Organisms & Population	COMPLETE SYLLABUS

SUBJECT: COMPUTER SCIENCE (083)

S. NO	MONTH	UNIT / TOPICS
1	March	1 & 2 Revision of Python covered in Class XI
2	April- May	3. Working with Functions
3	June	5. File Handling
4	July	4. Exception Handling 7. Data Structures (Only Stack Part)
5	August	Ch.11,12,13- Simple Queries in SQL, Table Creation and Data Manipulation Commands, Grouping Records Joins in SQL
6	September	14. Interface python with MySQL
7	October	8. Computer Networks-I & II
8	November	Revision of Complete Syllabus
9	December	Pre Board Examination I
10	January	Pre Board Examination II

COURSE FOR THE TEST / EXAM

UNIT TEST – I APRIL-MAY	UNIT TEST – II JULY	HALF YEARLY EXAM SEPTEMBER	PRE-BOARD I DECEMBER	PRE-BOARD II JANUARY
1 & 2 Revision of Python covered in Class XI	3. Working with Functions 5. File Handling	1 & 2 Revision of Python covered in Class XI 3. Working with Functions 4. Exceptional Handling 5. File Handling 6. Data Structures (Only Stack Part) 11,12,13- Simple Queries in SQL, Table Creation and Data Manipulation Commands, Grouping Records Joins in SQL	COMPLETE SYLLABUS	COMPLETE SYLLABUS

SUBJECT: GUJARATI (110)

Sr. No.	Month	Unit / Topics
1	March	<ul style="list-style-type: none">➤ કોંધી સ્વભાવને (Poem)➤ કુસુમનું કદાણ તપ (Prose)➤ ગદ્યખંડ (Reading Comprehension Practice)➤ નિબંધ લેખન : નારી તું નારાયણી , દીકરી વહાલનો દરિયો➤ વ્યાકરણ : (સંયોજકો)
2	April- May	<p>3.એક સરખા દિવસ સુખના (Poem)</p> <p>4.નારાયણ હેમચન્દ્ર (Prose)</p> <ul style="list-style-type: none">➤ નિબંધ લેખન : સમયનું મહત્વ , ગ્રીષ્મનો મધ્યાહન➤ ગદ્યખંડ (Reading Comprehension Practice)➤ વ્યાકરણ : (રૂઢિપ્રયોગ, શુદ્ધ અશુદ્ધ વાક્ય) <p>• Unit test – I (40) ગુણ</p>
3	June	<p>5. થીંગડું (Prose)</p> <p>8. અખાનો સંસારત્યાગ (Prose)</p> <ul style="list-style-type: none">➤ વ્યાકરણ : (સંયોજકો, કાળના વાક્યો)➤ સાહિત્યકાર : ગોવર્ધનરામ ત્રિપાઠી, દલપતરામ, ઉમાશંકર જોશી
4	July	<p>9.હંકારી જા</p> <p>11. વડલો અને પંખીડાં (Poem)</p> <p>12. પૂજા મેજરની લગની (Prose)</p> <ul style="list-style-type: none">➤ નિબંધ લેખન : વૃક્ષોનું મહત્વ , પર્યાવરણનું મહત્વ➤ પદ્યખંડ (Reading Comprehension Practice) <p>• HYE - (80) ગુણ</p>

5	August	<p>13. વતનનો તલસાટ (Poem)</p> <p>14. મોરનાં ઈંડાં (Prose)</p> <ul style="list-style-type: none"> ➤ પત્રલેખન ➤ અહેવાલ લેખન (Report Writing) ➤ નિબંધ લેખન : કુદરતનાં હાસ્ય અને તાંડવ , ટેકનોલોજીના લાભાલાભ
6	September	<p>17. મેળો આપો તો (Poem)</p> <p>19. સત્યવીર સોક્રેટીસ (Prose)</p> <ul style="list-style-type: none"> ➤ નિબંધ લેખન : મોંઘવારી , મારા સ્વપ્નનું ભારત
7	October	<p>20. બે લઘુકથાઓ (Prose)</p> <p>21. બેટા મને પાછી જવા દે (Poem)</p> <ul style="list-style-type: none"> ➤ પદ્યખંડ , ગદ્યખંડ (Reading Comprehension Practice)
8	November	<p>Revision.</p> <p>ASL/Project/Speaking and Listening Assessment</p>
9	December	PB-1 (80) ગુણ
9	January	PB-2 (80) ગુણ

COURSE FOR THE TEST / EXAM

UNIT TEST – I APRIL-MAY	UNIT TEST – II JULY	HALF YEARLY EXAM SEPTEMBER	PRE-BOARD I DECEMBER	PRE-BOARD II JANUARY
<p>➤ Reading Comprehension: ગદ્યખંડ</p> <p>➤ વ્યાકરણ: રૂઢિપ્રયોગ, કાળ, સંયોજકો શુદ્ધ અશુદ્ધ વાક્ય, કાળના આધારે વાક્યો</p> <p>➤ Literature: 1. ક્ષોધી સ્વભાવને 2. કુસુમનું કઠણ તપ 3. એક સરખા દિવસ સુખના 4. નારાયણ હેમચન્દ્ર</p> <p>➤ Writing : નિબંધ</p>	<p>➤ Reading Comprehension: પદ્યખંડ</p> <p>➤ વ્યાકરણ : રૂઢિપ્રયોગ, સંયોજકો શુદ્ધ અશુદ્ધ વાક્ય, કાળના આધારે વાક્યો ,</p> <p>➤ Literature: 5. થીંગડું 8. અખાનો સંસારત્યાગ 9. હંકારી જા 11. વડલો ને પંખીડાં 12. પૂજા મેજરની લગની</p> <p>➤ Writing : પત્ર, અહેવાલ</p>	<p>➤ Reading Comprehension: ગદ્યખંડ, પદ્યખંડ</p> <p>➤ વ્યાકરણ: રૂઢિપ્રયોગ, સંયોજકો શુદ્ધ અશુદ્ધ વાક્ય, કાળના આધારે વાક્યો</p> <p>➤ Literature: 1. ક્ષોધી સ્વભાવને 2. કુસુમનું કઠણ તપ 3. એક સરખા દિવસ સુખના 4. નારાયણ હેમચન્દ્ર 5. થીંગડું 8. અખાનો સંસારત્યાગ 9. હંકારી જા 11. વડલો ને પંખીડાં 12. પૂજા મેજરની લગની 13. વતનનો તલસાટ 14. મોરનાં ઈંડાં 19. સત્યવીર સોક્રેટીસ</p> <p>➤ સાહિત્યકાર</p> <p>➤ Writing : નિબંધ, પત્ર, અહેવાલ</p>	COMPLETE SYLLABUS	COMPLETE SYLLABUS

SUBJECT: PAINTING (049)

Sr. No	Month	Unit / Topics	Practical
1.	March	Art Introduction Six limbs of Indian Painting & fundamentals of Visual Arts (Elements and Principals) Unit -1 The Rajasthani and Pahari Schools of Miniature Paintings	Sketching Demo
2.	April- May	Miniature Paintings (history) Unit -1(a)Rajasthani School of Paintings	Nature, and Object Study (Observation Based) Sketching
3.	June	(b) The Pahari Schools History of Indian Painting	Nature, and Object Study (Observation Based) Sketching
4.	July	Unit 2- The Mughal and Deccan school of Miniature (a) The Mughal school of Art (b) The Deccan School of Art	Painting Composition (Imagination Based) Sketching Nature, and Object Study Sketching
5.	August	Unit 3- The Bengal School Painting and The Modern Trends in Indian Art (a) Indian National Flag	Painting Composition Sketching
6.	September	(b) The Bengal school of Painting	Portfolio Assessment And Practical
7.	October	(c) The Modern Trends in Indian Art	Painting Composition Sketching
8.	November		Nature, and Object Study Sketching
9.	December	Revision + Mock Test Practice Pre-Board-1*	Practical Examination Practical
10.	January	Pre-Board-2*	

COURSE FOR THE TEST / EXAM

UNIT TEST – I APRIL-MAY	UNIT TEST – II JULY	HALF YEARLY EXAM SEPTEMBER	PRE-BOARD I DECEMBER	PRE-BOARD II JANUARY
<p>Art Introduction Six limbs of Indian Painting & fundamentals of Visual Arts</p> <p>Unit 1- The Rajasthani and Pahari Schools of Miniature Paintings (a) The Rajasthani schools</p>	<p>Unit 1- (a) The Rajasthani schools (b) Pahari Schools of Miniature Paintings</p> <p>Unit 2- (a)The Mughal school (b)Deccan school of Miniature</p>	<p>Unit 1- (a) The Rajasthani schools (b) Pahari Schools of Miniature Paintings</p> <p>Unit 2- (a)The Mughal school (b)Deccan school of Miniature</p> <p>Unit 3- (a) Indian National Flag (b)The Bengal School of Painting (c) The Modern Trends in Indian Art</p>	<p align="center">COMPLETE SYLLABUS</p>	<p align="center">COMPLETE SYLLABUS</p>

SUBJECT: PSYCHOLOGY (037)

Sr. No.	Month	Unit/Topics	Practical
1.	March	Unit 1- Variations in Psychological Attributes	Raven's Standard progressive Matrices
2.	April- May	Unit 1 Variations in Psychological Attributes Unit-2 Self and Personality	Self- Concept Questionnaire
3.	June	Unit 2- Self and Personality Unit 3- Meeting Life Challenges	Maudsley Personality Inventory
4.	July	Unit 3- Meeting Life Challenges Unit 4- Psychological Disorders	Sinha's Comprehensive Anxiety Test Project: Case Profile
5.	August	Unit-4 Psychological Disorder Unit 5- Therapeutic Approaches	Adjustment Inventory for School Students Project: Case Profile
6.	September	Unit 5- Therapeutic Approaches	Project: Case Profile
7.	October	Unit 6- Attitude and social cognition Unit 7- Social influence and Group Processes	Project: Case Profile
8.	November	Unit 7- Social influence and Group Processes Revision	Project: Case Profile
9.	December	Revision + Mock Test Practice (Practical) Pre-Board-1*	
10.	January	Pre-Board-2*	

COURSE FOR THE TEST / EXAM

UNIT TEST – I APRIL-MAY	UNIT TEST – II JULY	HALF YEARLY EXAM SEPTEMBER	PRE-BOARD I DECEMBER	PRE-BOARD II JANUARY
Unit 1- Variations in psychological attributes	Unit 1- Variations in psychological attributes Unit 2- Self and Personality Unit 3- Meeting Life Challenges	Unit 1- Variations in psychological attributes Unit 2- Self and Personality Unit 3- Meeting Life Challenges Unit-4 Psychological Disorders Unit-5 Therapeutic Approaches	COMPLETE SYLLABUS	COMPLETE SYLLABUS

SUBJECT: PHYSICAL EDUCATION (048)

Sr. No.	Month	Unit / Topics
1	March	Unit-I: Planning In Sports
2	April - May	Unit-I: Planning In Sports Unit Test – 1 –Unit 1 Unit-II: Sports And Nutrition
3	May	Unit-II: Sports And Nutrition
4	June	Unit-II: Sports And Nutrition Unit-II: Sports And Nutrition
5	July	Unit-III: Yoga And Lifestyle Unit Test – 2
6	August	Unit-IV: Physical Education And Sports For Children With Special Needs Unit-V: Children And Women In Sports
7	September	Unit-VI: Test And Measurement In Sports Unit- VII: Physiology And Injuries In Sports Half Yearly Examination
8	October	Unit-VIII: Biomechanics And Sports Unit-IX: Psychology And Sports
9	December	Unit-X: Sports Training Revision Pre-Board-1*
10	January	Pre-Board-2*

COURSE FOR THE TEST / EXAM

UNIT TEST – I APRIL-MAY	UNIT TEST – II JULY	HALF YEARLY EXAM SEPTEMBER	PRE-BOARD I DECEMBER	PRE-BOARD II JANUARY
Unit-I: planning in sports	Unit-I: Planning in sports Unit-II: Sports and nutrition Unit-III: yoga and lifestyle	Unit-I: yoga and lifestyle Unit-IV: Physical education and sports For children with special needs Unit-V: Children and women in sports Unit-VI: test and measurement in sports	COMPLETE SYLLABUS	COMPLETE SYLLABUS