







**CARMEL ACADEMY CHALAKUDY****LIST OF TEXT BOOKS 2024-'25****Gr. 9**

<b>Sl. No</b>	<b>Class</b>	<b>Subject</b>	<b>Name of the book</b>
1	Gr.9	English	Total English
2	Gr.9	English	Julius Caesar
3	Gr.9	English	Julius Caesar Work Book
4	Gr.9	English	Treasure Chest:A Collection of ICSE Poems & Short Stories
5	Gr.9	English	Treasure Chest:A Collection of ICSE Short Stories- Work Book
	Gr.9	English	Treasure Chest:A Collection of ICSE Poems - Work Book
7	Gr.9	Physics	Concise Physics
8	Gr.9	Chemistry	Concise Chemistry
9	Gr.9	Biology	Concise Biology
10	Gr.9	Mathematics	Concise Mathematics
11	Gr.9	Moral Science	Joy of Better Living
12	Gr.9	History	Total History & Civics
13	Gr.9	Geography	Total Geography
14	Gr.9	Computer	APC Understanding Computer Applications with Blue J
15	Gr.9	Malayalam	Sahithya Surabhi
16	Gr.9	Malayalam	Mayyazhipuzhayude Theerangalil
17	Gr.9	Economics	Economic Application
18	Gr.9	Hindi	Sahithya Sagar
19	Gr.9	Hindi	Sahithya Sagar (Work Book)
20	Gr.9	Hindi	Saras Hindi Vyakaran
21	Gr.9	Biology	Biology Lab Manual





## CARMEL ACADEMY, CHALAKUDY

## YEAR PLAN – 2024-25

## ENGLISH I

## GRADE 9

Sl. No	Month	Chapters
1	March	Chapter 1 A. Direct and Indirect Speech B. Composition C. Notice and Email D. Practice Paper 1
2	April	Chapter 2 A. Active and Passive Voice B. Beginning and Ending C. Personal Letters D. Practice Paper 2
3	June	Chapter 3 A. Comparison of Adjectives B. Subject Matter and its Organisations C. Formal Letters D. Practice Papers 3 Chapter 4 A. Time and Tense I B. Style C. An Approach to Comprehension D. Practice Paper 4
4	July	Chapter 5 A. Time and Tense II B. Practice Paper 5 Chapter 6 A. Sequence of Tense B. Picture Composition C. Comprehension D. Practice Paper 6
5	August	Chapter 7 A. Subject Verb Agreement B. Stories C. Summary D. Practice Paper 7 Chapter 8 A. Interchange of Sentences B. Types of Essays

		C. Letters of Apology and Explanation D. Practice Paper 8
6	September	Chapter 9 A. Transformation of Sentences I B. Narrative Composition C. Applications D. Practice Paper 9 E. First Terminal Examination
7	October	Chapter 10 A. Transformation of Sentences II B. Descriptive Composition C. Comprehension D. Practice Paper 10 Chapter 11 A. Synthesis of Sentences B. Characters C. Letters of Complaint D. Practice Paper 11
8	November	Chapter 12 A. Conditional Sentences B. Argumentative Composition C. Summary Writing D. Practice Paper 12 Chapter 13 A. Propositions B. Critical Composition C. Letters of Persuasion D. Practice Paper 13
9	December	Second Terminal Examination
10	January	Chapter 14 A. Articles B. Humorous Writing C. Summary D. Practice Paper 14 Chapter 15 A. Word Order B. Factual Writing C. Invitations D. Practice Paper 15
11	February	Annual Examination



**CARMEL ACADEMY CHALAKUDY****YEAR PLAN 2024-'25****GRADE: IX****SUBJECT: ENGLISH II**

MONTH	CHAPTERS
March	Drama Julius Caesar Act I- Scene 1  Bonku Babu's Friend (Short Story)
April	Drama Julius Caesar Act I- Scene 2
June	Drama Julius Caesar Act I -Scene 3  A Work of Artifice (Poem)
July	Drama Julius Caesar Act II- Scene 1  Oliver Asks for More (Short Story)
August	Drama Julius Caesar Act II- Scene II  Skimbleshanks: The Railway Cat (Poem)  Revision Term I Exam
September	The Model Millionaire (Short Story)  I Remember, I Remember (Poem)
October	Drama Julius Caesar Act II- Scene III and Scene IV
November	The Homecoming (Short Story)  A Doctor's Journal Entry for August 6, 1945 (Poem)
December	The Boy who Broke the Bank (Short Story)  Revision Term II Exam
January	The Night Mail (Poem)

Project:

Drama

Explain the significance of Act I and Act II in the play Julius Caesar.

# CARMEL ACADEMY CHALAKUDY

## YEAR PLAN 2024-2025

GRADE: IX

SUBJECT: മലയാളം

NAME OF THE BOOK: മയ്യഴിപ്പുഴയുടെ തീരങ്ങളിൽ (നോവൽ)  
സാഹിത്യസുരഭി (കഥകൾ)

MONTH	CHAPTERS
March	കഥകൾ 1. മാണിക്കൻ 2. ഉരുപ്പാന്റെ കിണർ
April	നോവൽ അദ്ധ്യായം 1, 2 , 3 , 4
June	നോവൽ അദ്ധ്യായം 5, 6 , 7 , 8, 9
July	കഥ 3. നെയ്പ്പായസം നോവൽ അദ്ധ്യായം 10, 11, 12
August	First terminal exam
September	നോവൽ അദ്ധ്യായം 13, 14, 15, 16, 17
October	കഥ 4. കാട്ടിലേക്ക് പോകല്ലേ കുഞ്ഞേ നോവൽ അദ്ധ്യായം 18, 19, 20
November	കഥ 5. പ്രകാശം പറത്തുന്ന ഒരു പെൺകുട്ടി നോവൽ അദ്ധ്യായം 21, 22, 23, 24, 25
December	Second terminal exam



**Carmel Academy CMI ICSE School, Chalakudy**

**Year plan 2024 - ' 25**

**Grade : 9**

**Subject : Hindi**

**March : पाठ १ - बात अठन्नी की**

**□□□□ १ - कबीर की साखी**

**□□बंध : भ्रष्टाचार**

**April : पद्य २ - गिरिधर की कुंडलियाँ**

**निबंध : मोबाइल फोन के लाभ और हानि**

**: कोई एक यात्रा का वर्णन**

**June : पाठ २ - काकी**

**पाठ ३ - महायज्ञ का पुरस्कार**

**पद्य ३ - स्वर्ग बना सकते हैं**

**□□बंध : योग का महत्त्व**

**July : पाठ ४ - नेताजी का चश्मा**

**पद्य ४ - वह जन्म भूमि मेरी**

**August : पाठ ५ - अपना अपना भाग्य**

**पद्य ५ - मेघ आए**

□□□□□ : इंटरनेट से लाभ और हानि

September : पुनरावृत्ति और प्रथम इकाई परीक्षा

October : पाठ ६ - बड़े घर की बेटी

निबंध : □□ ज्ञान वरदान या □□□ शाप

November : पद्य ६ - सूर के पद

निबंध : तकनीकी विकास ने हमारे जीवन को कैसे बना दिया ।

December : पुनरावृत्ति और द्वितीय इकाई परीक्षा



# CARMEL ACADEMY CHALAKUDY

YEAR PLAN 2024-'25

GRADE: IX

SUBJECT: HISTORY & CIVICS

MONTH	CHAPTERS
March	Chapter-1 The Harappan Civilisation
April	Chapter-2 The Vedic Period  Chapter-1 Our Constitution (Civics)
June	Chapter-3 Jainism and Buddhism  Chapter-4 The Mauryan Empire
July	Chapter-5 The Sangam Age  Chapter-2 Salient Features of the Constituion – I (Civics)  Chapter-3 Salient Features of the Constituion – II (Civics)
August	Chapter-6 The Age of the Guptas  Revision Term I Exam
September	Chapter-7 The Cholas  Chapter-8 The Delhi Sultanate  Chapter-4 Elections (Civics)
October	Chapter-9 The Mughal Empire  Chapter-10 Composite Culture

	Chapter-5 Local Self Government- Rural (Civics)
November	Chapter-11 Renaissance
December	Chapter-12 Reformation  Chapter-6 Local Self Government- Urban (Civics)
January	Chapter-13 Industrial Revolution
February	Revision Annual Exam



## CARMEL ACADEMY, CHALAKUDY

YEAR PLAN – 2024-25

GEOGRAPHY

GRADE IX

SL. NO	MONTH	CHAPTERS
1.	March	Ch: 1 Earth as a Planet Ch: 2 Geographic Grid- Latitudes and Longitudes
2.	April	Ch: 3 Rotation and Revolution
3.	June	Ch: 4 Earth's Structure Ch: 5 Landforms of the Earth Ch: 6 Rocks
4.	July	Ch: 7 Volcanoes Ch: 8 Earthquakes Ch: 9 Weathering
5.	August	Ch: 10 Denudation Ch: 11 Hydrosphere
6.	September	Revision + First Terminal Examination
7.	October	Ch: 12 Composition and Structure of the Atmosphere Ch:13 Insolation
8.	November	Ch: 14 Atmospheric Pressure and Winds Ch: 15 Humidity Ch:16,17,18,19 Seminar Presentation by Students
9.	December	Revision + Second Terminal Examination
10	January	Ch: 20 Natural Regions of the World Ch:16,17,18,19 Seminar Presentation by Students
11	February	Revision + Annual Examination

CARMEL ACADEMY, CHALAKUDY  
YEAR PLAN (2024 - 2025)

GRADE –IX

SUBJECT – PHYSICS

MONTH	CHAPTER
March	9.Current electricity 10.Magnetism
April	2.Motion in one dimension 1.Measurement and experimentation
June	3.Laws of motion 6.Heat and temperature
July	4.Pressure in fluids and Atmospheric pressure
August	5.Upthrust in fluids, Archemedes principle and floatation
September	8.Propagation of sound waves
October	7.Reflection of light

**CARMEL ACADEMY CHALAKUDY**

**Year Plan 2024-2025**

**Grade IX**

**Subject : Chemistry**

Month	Portion	Term exam
March	L-1 Language of chemistry	
April	L-7 Study of Gas laws	
June	L-4 Atomic structure Practical work: Action of heat on given substance.	
July	L-2 Chemical changes and reactions Practical work: Identification of gases.	
August	L-2 Chemical changes and reactions(cont)	Term 1
September	L-3 Water Practical work: Recognition & identification of flame	
October	L-5 The periodic table Practical work: Action of dil. $\text{H}_2\text{SO}_4$ on given substances.	
November	L-6 Study of the first element - Hydrogen	



December	L-8Atmospheric pollution	Term 2
January	Revision	
February	Revision	Annual Exam

# CARMEL ACADEMY CHALAKUDY

## YEAR PLAN 2024-2025

GRADE: IX

SUBJECT: BIOLOGY

MONTH	CHAPTERS
March	1. Introducing Biology 2. Cell- the unit of life 3. Tissues – plant and animal tissues.
April	4. The flower
June	5. Pollination and Fertilization 6. Seeds- structure and germination
July	7. Respiration in plants 9. Economic importance of bacteria and fungi 10. Nutrition
August	TERM I EXAM
September	11. Digestive system 12. Skeleton – movement and locomotion
October	13. Skin – the jack of all trades 14. Respiratory system 8. Five Kingdom classification
November	15. Hygiene – a key to healthy life 16. Diseases- cause and control
December	TERM II



JANUARY	17.Aids to Health
	18. Health Organizations
	19. Waste generation and management
	REVISION

## **PRACTICAL WORK 2024-2025**

### **GRADE: IX**

- a) The examination of an onion peel under the microscope to study various parts of the cell.
- b) The examination of human cheek cell under the microscope to study various parts of the cell.
- c) A cross pollinated flower to be examined and identified and the parts to be studied and labelled. Eg: hibiscus
- d) Identification of sugar, starch, protein and fat through conduct of relevant test.
- e) Specimens of germinating seeds with plumule and radicle (bean and maize grain) for examination, identification drawing and labelling the parts.
- f) Examination and identification of specimens belonging to the following groups of animals:
  - a. Non-Chordata – porifera, Platyhelminthes, Annelida, Arthropoda, Mollusca Echinodermata.
  - b. Chordata- Pisces, amphibia, reptilian, Aves, Mammalia
- g) Experiments to show the mechanism of breathing.
- h) Find out the type of waste and methods prevalent for their disposal. On the basis of the information collected prepare a report suggest measures to improve the environmental conditions.
- i) Visit a water treatment plant, sewage treatment plant or garbage dumping or vermicomposting sites in the locality and study their working.

# CARMEL ACADEMY CHALAKUDY

## YEAR PLAN 2024-2025

GRADE: IX

SUBJECT: MATHEMATICS

MONTH	CHAPTERS
March	4.Expansions 5.Factorisation 6.Simultaneous equations 7.Indices
April	18.Statistics 19.Mean and median 26.Coordinate Geometry 27.Graphical Solutions 28.Distance formula
June	2. Compound Interest without formula 3. Compound Interest (using formula) 8.Logarithms 11.Inequalities
July	12.Midpoint theorem and its converse 22. Trigonometrical ratios 23. Trigonometrical ratios of standard angles 24. Solution of right triangles
August	25.Complementary angles 1.Rational and irrational numbers <b>Term I Exam</b>
September	20.Area and perimeter of plane figures 21.Solids
October	9.Triangles 10.Isosceles triangles 15.Construction of polygons
November	13.Pythagoras theorem 14.Rectilinear figures
December	<b>Term II Exam</b>
January	16.Area theorem 17. Circles
February	<b>Term III Exam</b>



## **PROJECT:**

1. Obtaining the formulae of surface area and volume of cube and cuboid using flat cutouts.
2. Study of different ways of raising a loan to buy a car or a house.

Carmel Academy year plan 2024-2025		
Grade 9		Subject:Computer Applications
Month	Ch.No	Name
March	1	Introduction to oop Concepts
	2	Elementary concept of objects and classes
	3	Values and datatypes
April	4	Operators in Java
June	5a	Input in java
	5b	Methods/Functions
July	6	Mathematical library methods
August	7	Conditional Statements in java
September	Revision	
October	8	Iterative constructs in java
November	9	Nested for Loops
December	Revision	
January	10	Computing and ethics

### Computer Applications( PROJECT)

1. A project file of 20 programs

**CARMEL ACADEMY, CHALAKUDY**

**YEAR PLAN – 2024-25**

**ECONOMIC APPLICATIONS**

**GRADE 9**

Sl. No	Month	Chapters
1	March	1. Meaning and Definition of Economics
2	April	2. Basic Economic Entities in an Economy
3	June	3. Basic Problems of an Economy 4. Types of Economies
4	July	5. Characteristics of Indian Economy 6. Main Sectors of Indian Economy - Agriculture
5	August	7. Main Sectors of Indian Economy - Industry 8. Main Sectors of Indian Economy - Services
6	September	9. Other Sectors of Indian Economy First Terminal Examination
7	October	10. Economic Infrastructure
8	November	11. Consumer Awareness
9	December	Second Terminal Examination
10	January	12. Globalisation

**CARMEL ACADEMY, CHALAKUDY**

**YEAR PLAN – 2024-25**



**CARMEL ACADEMY CHALAKUDY**

**Year Plan 2024-2025**

**Grade IX**

**Subject : Moral Science**

Month	Portion	Term exam
June	L-1 Be Creative	
July	L-2 Grow in Commitment	
August	L-3 Be Motivative	
September	L-4 Be responsible with Money	Term 1
October	L-5 Make wise Decisions	
November	L-6 True to Yourself L-7 Hum Kisi se kam Nahin	
December	L-8 How sincere are you	Term 2
January	L-9 Magic of resilience L-10 Let us care for the Climate	
February	L-11 Develop Social Skills	Annual Exam





**CARMEL ACADEMY CHALAKUDY**  
**LIST OF TEXT BOOKS 2024-'25**  
**Gr. 10**

Sl. No	Class	Subject	Name of the book
1	Gr.10	Physics	Concise Physics
2	Gr.10	Chemistry	Concise Chemistry
3	Gr.10	Biology	Concise Biology
4	Gr.10	Mathematics	Concise Mathematics
5	Gr.10	History	Total History & civics
6		Geography	Effective Map Reading Volume II
7	Gr.10	Geography	Total Geography
8	Gr.10	Economics	Economics Application
9	Gr.10	Biology	Biology Lab Manual
10	Gr.10	Computer	APC Understanding Computer Applications with Blue J



**CARMEL ACADEMY CHALAKUDY**  
**YEAR PLAN 2024-'25**

**GRADE: X**

**SUBJECT: ENGLISH**

**1**

MONTH	CHAPTERS
March	<p>Subject Verb Agreement Notice and Email Test Paper-1 Model Answers</p> <p>Active and Passive Voice Formal Letters (1) Formal Letters (2) Test Paper</p>
April	<p>Synthesis Paragraph Writing Comprehension Skills Test Paper</p> <p>Transformation of Sentences (1) Stories Comprehension- Analysis With Suggested Answers Test Paper</p> <p>Transformation of Sentences (2) Characters Comprehension: Sense and Interpretation Test Paper</p>
June	<p>Tenses and Their Uses (1) Critical Writing Format of a Personal Letter Test Paper</p> <p>Tenses and Their Uses (2) Composition- An Introduction Test Paper</p> <p>Sequence of Tenses Gathering the Subject Matter Test Paper</p>
July	<p>Conditional Sentences Organisation and Planning Test Paper</p> <p>Beginning and Ending of Composition Summary Writing Test Paper</p>



	Types of Composition A Specimen Summary Test Paper
August	Direct and Indirect Speech Descriptive Composition Precision in Summary Writing Test Paper  Revision Term I Exam
September	Articles Personal Writing Selective Summary Test Paper  Adjectives Narrative Composition Letter Writing: Invitations Test Paper  Comparison Of Adjectives Argumentative Composition Letters of Application Test Paper
October	Adverbs Factual Writing Letters of Complaint Test Paper  Prepositions Picture Composition A Sample Letter Test Paper  Revision Term II Exam

### Project

Explain your views on the following topics:

- "Learning a vocational skill should be compulsory for all the students from grade VI onwards".
- "Peer Pressure is good for the all round development of children".

# CARMEL ACADEMY CHALAKUDY

YEAR PLAN 2024-'25

GRADE: X

SUBJECT: ENGLISH - II

MONTH	CHAPTERS
March	Poetry: Haunted Houses The Glove and the Lions Short Story: With the Photographer
April	Short Story: The Elevator Drama: Act 3, Scene: 1,2,3
June	Poetry: When Great Trees Fall Short Story: The Girl Who Can Drama: Act 4, Scene 1, 2
July	Poetry: A Considerable Speck Short Story: The Pedestrian Drama: Act 4 (cont.)
August	Poetry: The Power of Music Drama: Act 5, Scene: 1,2,3 Short Story: The Last Lesson
September	Drama: Act 5, Scene: 4,5 <b>Revision</b> <b>Term I Examination</b>
October	Poetry: Revision Short Story: Revision Drama: Act 5 (cont.)
November	Poetry: Revision Short Story: Revision Drama: Revision <b>Term II Examination</b>
December	<b>Revision</b> <b>Model Examination</b>
January	<b>Pre Board Examination</b>
February	<b>Board Examination</b>



# CARMEL ACADEMY CHALAKUDY

## YEAR PLAN 2024-2025

GRADE: X

SUBJECT: മലയാളം

NAME OF THE BOOK: മയ്യഴിപ്പുഴയുടെ തീരങ്ങളിൽ (നോവൽ)  
സാഹിത്യസുരഭി (കഥകൾ)

MONTH	CHAPTERS
June	പാഠം 6 ജന്മദിനം പാഠം 7 തഹസിൽദാരുടെ അച്ഛൻ വ്യാകരണം മയ്യഴി പാഠം 20 to 30
July	പാഠം 8 കാളിയമർദ്ദനം വ്യാകരണം മയ്യഴി പാഠം 31 to 42
August	പാഠം 9 മോഡൽ വ്യാകരണം + 1 <sup>st</sup> Term exam
September	വ്യാകരണം പാഠം 10 സാഹിത്യസുരഭി
October	ആവർത്തന പഠനം
November	ആവർത്തന പഠനം
December	Exam



# CARMEL ACADEMY CHALAKUDY

## HINDI

### Gr. X

March	8. भीड़ में खोया आदमी (Prose)
April	9. भीड़ और भेड़िए (Prose) 8. भिक्षुक (Poem)
June	7. विनय के पद (Poem)
July	10. दो कलाकार (Prose) 9. चलना हमारा काम है (Poem)
August	10. मातृ मंदिर की ओर (Poem)
September	पाठ संदेह Prose
October to February	Revision

**CARMEL ACADEMY, CHALAKUDY**

**YEAR PLAN – 2024-25**

**HISTORY**

**GRADE X**

SL. NO	MONTH	CHAPTERS
1.	March	1. The First War of Independence
2.	April	2. The Growth of Nationalism 3. First Phase of the Indian National Movement 4. The Second Phase of Indian National Movement 5. The Muslim League
3.	June	Civics Ch: 1 The Parliament  Civics Ch: 2. The President and the Vice President  Civics Ch: 3. Prime Minister and Council of Ministers  Civics Ch : 4. The Supreme Court
4.	July	6. Mahatma Gandhi and the National Movement 7. Quit India Movement 8. Forward Bloc and the INA 9. Independence and Partition of India
5.	August	10. The First World War 11. Rise of Dictatorship
6.	September	Revision + Exams  12. The Second World War
7.	October	13. United Nations Organisations  14. The UN Agencies  15. Non-Aligned Movement  Civics Ch: 5 The High Court and the Subordinate Courts
8.	November	Revision + Exam
9.	December - March	Revision

## CARMEL ACADEMY, CHALAKUDY

YEAR PLAN – 2024-25

GEOGRAPHY

GRADE 10

Sl. No	Month	Chapters
1	March	Topography Map of India
2	April	7 Climate
3	June	8 Soil Resources 9 Natural Vegetation 10 Water Resources
4	July	11 Mineral Resources 12 Conventional Sources of Energy 13 Non Conventional Sources of Energy
5	August	14 Agriculture I 15 Agriculture II 16 Agriculture III 17 Agriculture IV
6	September	18 Manufacturing Industries Agro Based 19 Manufacturing Industries Mineral Based
7	October	20 Transport 21 Waste Management I 22 Waste Management II



**CARMEL ACADEMY, CHALAKUDY**  
**YEAR PLAN (2024 - 2025)**

**GRADE –X**

**SUBJECT – PHYSICS**

MONTH	CHAPTERS
MARCH	1. Force
APRIL	2. Work, energy and power 12. Radioactivity
JUNE	3. Machines 7. Sound
JULY	4 Refraction of a light at plane surfaces 5 Refraction through a lens
AUGUST	6- Spectrum 8.Current Electricity
SEPTEMBER	9. Household circuits
OCTOBER	10. Electromagnetism 11. Calorimetry
NOVEMBER	REVISION
DECEMBER	MODEL 1 Examination
JANUARY	MODEL 2 Examination
FEBRUARY	PRE BOARD EXAMINATION

CARMEL ACADEMY, CHALAKUDY  
YEAR PLAN 2024-2025  
CHEMISTRY  
GRADE 10

MONTH	LESSONS
MARCH	1.PERIODIC TABLE, PERIODIC PROPERTIES AND VARIATIONS OF PROPERTIES  Practical work Action of heat on unknown substances
APRIL	2. CHEMICAL BONDING Practical work Flame test
JUNE	4. ANALYTICAL CHEMISTRY 3.ACIDS BASES AND SALTS 5. MOLE CONCEPT AND STOICHIOMETRY  Practical work  Action of NaOH and NH <sub>4</sub> OH for identifying cations
JULY	6.ELECTROLYSIS  7.METALLURGY Practical work  Distinguish between CuO and MnO <sub>2</sub>
AUGUST	8. STUDY OF COMPOUNDS – HYDROGEN CHLORIDE 8. STUDY OF COMPOUNDS-AMMONIA  Practical work Identifying an unknown solution as acidic or alkaline TERM 1 EVALUATION
SEPTEMBER	8. STUDY OF COMPOUNDS – NITRIC ACID  8. STUDY OF COMPOUNDS – SULPHURIC ACID
OCTOBER	9. ORGANIC CHEMISTRY
NOVEMBER	REVISION



## CARMEL ACADEMY CHALAKUDY

### YEAR PLAN 2024-2025

GRADE: X

SUBJECT: BIOLOGY

MONTH	CHAPTERS
March	1. Cell - structural and functional unit of life. 2. Structure of chromosomes, cell cycle and cell division. 3. 3. Genetics
April	13. Reproductive system 4. Absorption by roots 5. Transpiration
June	8. Circulatory system 9. The Excretory system 6. Photosynthesis
July	10. Nervous system 11. Sense organs
August	7. Chemical coordination in plants 12. Endocrine system
September	Revision Term I
October	14. Human Evolution 15. Population 16. Pollution

#### Practical work

Term I and II

A. Plant life

B. Animal life



# CARMEL ACADEMY CHALAKUDY

YEAR PLAN 2024-2025

GRADE: X

SUBJECT: MATHEMATICS

MONTH	CHAPTERS
March	2 - Banking 4 - Linear Inequations 1 - GST 5 - Quadratic equations 20 - Cylinder, Cone and Sphere
April	20 - Cylinder, Cone and Sphere (Ctn) 9 - Matrices 8 - Remainder and Factor Theorems 25 - Probability
June	6 - Solving Problems 10 - Arithmetic Progression 15 - Similarity 17 - Circles 12 - Reflection
July	7 - Ratio and Proportion 13 - Section and midpoint formula 18 - Tangents and intersecting Chords 21 - Trigonometrical Identities 6 - Loci
August	Term I Exam
September	14- Equation of a line 22 - Heights and distances 23- Graphical representation 24 - Measures of central tendency
October	3 - Shares and Dividends 19 - Construction 11 - Geometric Progression

## PROJECT:

1. Find by construction, the Centre of circle, using only 60-30 setsquare and a pencil
2. Survey of various bank accounts and rates of interests offered.

Carmel Academy year plan 2024-2025		
Grade 10		Subject:Computer Applications
Month	Ch.No.	Chapter Name
March	1.Unit 1	Introduction to OOPs Concepts
	1.Unit 2	Elementary concepts of objects and classes
	2	Library classes
April	1.Unit 3	Values and datatypes
	1.Unit 4	Operators in java
	4	String Handling
June	1.Unit 5(a)	Introduction to java
	1.Unit 5(b)	Input in java
	5	User defined methods
July	1.Unit 6	Mathematical Library methods
	1.Unit 7	Conditional statements in java
	3	Arrays
August	1.Unit 8	Iterative constructs in java
	1.Unit 9	Nested Loop
	6	Class as a basis of all computation
September		Revision
October	7	Constructors
November	8	Encapsulation and Inheritance
December		Revision

### Computer Applications( PROJECT)

1. A project file of 20 programs



## CARMEL ACADEMY, CHALAKUDY

YEAR PLAN – 2024-25

ECONOMIC APPLICATIONS

GRADE 10

Sl. No	Month	Chapters
1	March	1 Theory of Demand
2	April	2 Elasticity of Demand
3	June	3 Theory of Supply 4 Elasticity of Supply 5 Destruction of the Eco System
4	July	6 Land 7 Labour 8 Capital
5	August	9 Entrepreneur 10 Alternative Market Structures 11 State and Economic Development 12 Instruments of State Intervention(Fiscal and Monetary Policy)
6	September	13 Public Sector Enterprises 14 Privatisation
7	October	15 Money and Inflation 16 Banking





### Gr. 10 Examination Schedule 2024-'25

Month	Name of the exam
June	Mid- Term Test June 18 <sup>th</sup> to June 24 <sup>th</sup> 2 subjects per day Time:1 <sup>st</sup> period & evening class
July	No Exam Class tests will be conducted
August	12 <sup>th</sup> to 17 <sup>th</sup> August – Revision  First Terminal Examination 19 <sup>th</sup> August to 3 <sup>rd</sup> September
September	Portion completion
October	14 <sup>th</sup> to 17 <sup>th</sup> - Revision Second Terminal Examination 18 <sup>th</sup> October to 30 <sup>th</sup> October Portion: $\frac{3}{4}$ <sup>th</sup> of the portion
November	Revision
December	Model 1 Examination (Full portion) 6 <sup>th</sup> December to 19 <sup>th</sup> December
January	Pre Board Examination (Full portion) 16 <sup>th</sup> January to 31 <sup>st</sup> January
February	Preparation for the Board Exam





### Gr. 10 Project details 2024-'25

Subject	Date of submission	Date of submission to Principal	No: of projects
English I	June 10 <sup>th</sup>	June 29 <sup>th</sup>	2
English II	June 6 <sup>th</sup>	June 29 <sup>th</sup>	2
Malayalam/ Hindi	July 10 <sup>th</sup>	July 31 <sup>st</sup>	1
Maths	March 27 <sup>th</sup> April 19 <sup>th</sup>	June 10 <sup>th</sup>	2
History	April 24 <sup>th</sup>	June 10 <sup>th</sup>	1
Geography	Project: April 28 <sup>th</sup> Map: July 27 <sup>th</sup>	August 19 <sup>th</sup>	Project: 1 Map: 8
Physics	June 4 <sup>th</sup>	September 13 <sup>th</sup>	Record Book
Chemistry	June 6 <sup>th</sup>	September 13 <sup>th</sup>	Record Book
Biology	June 7 <sup>th</sup> (Plant Life) August 8 <sup>th</sup> (Animal Life)	September 13 <sup>th</sup>	Plant Life- 13 Animal Life - 13
IT	September 30 <sup>th</sup>	October 21 <sup>st</sup>	20 programs
Economics	Project 1 : April 18 <sup>th</sup> Project 2: July 2 <sup>nd</sup> Project 3: July 7 <sup>th</sup> Project 4: August 1 <sup>st</sup>	October 21 <sup>st</sup>	4

- ✓ All projects should be completed and submitted to the Principal on or before the mentioned dates.
- ✓ Last day of completing the portions : October 31<sup>st</sup>

