

**KERALA PUBLIC SCHOOLS**  
**ACADEMIC YEAR 2020-21**  
**Portion - First Term**



**CLASS : IX**

SUBJECT	PT	FIRST TERM	PROJECT	DATE OF SUBMISSION
ENG LANG	Transformation of sentences; Preposition; Notice and Email; Letter Writing	Interchange of sentences; Articles; Agreement of Verb with subject; Time and Tenses; Sequence of Tenses; Preposition; Direct and Indirect Speech; Active and Passive Voice; Transformation of sentences; Notice and Email; Composition; Letter Writing; Comprehension		
ENG LIT	MOV – Act I scene i Poetry – Television Prose – Hearts and Hands	MOV – Act I scene i, ii, iii MOV – Act II scene i, ii, iii Poetry – Television; The Heart of the Tree; The Cold Within Prose – Hearts and Hands; Old Man at the Bridge; Chief Seattle’s Speech	Prose - A Face In The Dark Poetry - The Bangle Seller	22//06/2020
HINDI LANG	पत्र , विलोम, पर्यायवाची, संज्ञा से विशेषण, विशेषण से संज्ञा, मुहावरे	ब्रह्मकृत तक पढ़ाए गए सभी पाठ्यक्रम। निबंध, पत्र, अपठित गद्यांश, विलोम, पर्यायवाची शब्द, अनेक शब्दों के लिए एक शब्द, संज्ञा से विशेषण, विशेषण से संज्ञा, वाक्य शुद्धि, तत्सम-तद्भव, निर्देशानुसार वाक्य परिवर्तन		
HINDI LIT	बात अठनी की, साखी	बात अठनी की, काकी, महायज्ञ का पुरस्कार, साखी, स्वर्ग बना सकते हैं, गिरिधर की कुंडलियाँ	महायज्ञ का पुरस्कार, स्वर्ग बना सकते हैं	07/08/2020
MATHS	Ch-2 : Compound Interest Ch-3 : Expansion Ch-4 : Factorisation	Ch-1 : Rational & Irrational, Numbers, Ch-2 : Compound Interest; Ch-3 : Expansion; Ch-4 : Factorisation; Ch-5 : Simultaneous Linear Equations; Ch-6 : Problems on Simultaneous Linear Equations; Ch-8 : Indices; Ch-10 : Triangle; Ch-11 : Mid-Point Theorem; Ch-16 : Mensuration, Ch-20 : Statistics <b>Summer Vacation Assignment</b> Ch-20 Statistics – Data collection and Graphical Representation of data, Measures of Central Tendency. Project 2: Mensuration – Application of Perimeter, Area and Volume	Statistics Mensuration	24/08/2020

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<b>PHY</b>	Ch-1 : Measurements and Experimentation Ch-2 : Motion in one dimension	Ch-1 : Measurements and Experimentation; Ch-2 : Motion in one dimension; Ch-3 : Laws of motion; Ch-4 : Pressure in fluids and atmospheric pressure; Ch-5 : Upthrust in fluids, Archimedes principle and flotation		
<b>CHEM</b>	Ch-1 : Language of Chemistry (Basic Chapter) Ch-2 : Chemical Changes and reactions	Ch-1 : Language of Chemistry (Basic Chapter); Ch-2 : Chemical Changes and Reactions; Ch-4 : Atomic Structure and Chemical Bonding; Ch-5 : Periodic Table; Ch-9 : Practical Chemistry <b>Summer Vacation Assignment</b> (i) Explain the different types of Chemical Reaction each with 50 Examples (ii) Worksheet will be provided on numerical of <ul style="list-style-type: none"> <li>➤ Percentage Composition</li> <li>➤ Empirical Formula</li> </ul>		
<b>BIO</b>	Ch-2 : Cell Ch-3 : Tissues Ch-4 : The flower Ch-5 : Pollination & fertilization	Ch-2 : Cell; Ch-3 : Tissues; Ch-4 : The flower; Ch-5 : Pollination and fertilization; Ch-6 : Seed structure and germination; Ch-7 : Respiration in plants; Ch-14 : The respiratory system; Ch-10 : Nutrition; Ch-11 : Digestive system; Ch-15 : Hygiene		
<b>HIST / CIV</b>	Ch-1 ( C ) : Our Constitution and its Salient Features Ch-1 ( H ) : The Harappa Civilization	Ch-2 ( H ) : The Early Vedic Civilization; Ch-3 ( H ) : The Later Vedic Age; Ch-2 ( C ) : Fundamental Rights/ Duties; Ch-3 ( C ) : Elections & The Election Commission; Ch-4 ( H ) : India in 6 <sup>th</sup> Century BC: Rise of Jainism & Buddhism; Ch-5 ( H ) : The Mauryan Empire; Ch-6 ( H ) : The Sangam Age; Ch-7 ( H ) : The Age of the Gupta's; Ch-8 ( H ) : South India & the Cholas; <b>PT Portion Included</b>	Renaissance, Reformation and the Industrial Revolution	28/08/2020
<b>GEOG</b>	Ch-1 : Earth As A Planet, Ch-2 : Latitudes and Longitudes + World Map ( Major water bodies- ocean , seas, gulf, strait) ( Refer to the sheet attached)	Ch-1 : Earth As A Planet; Ch-2 : Latitudes and Longitudes; Ch-3 : Motions of the Earth; Ch-4 : Structure of the Earth; Ch-5 : Material of the Earth's Crust; Ch-6 : Landforms of the Earth; Ch-7: Volcanoes; Ch-8 : Earthquake; Ch-9 : Weathering; Map of World <b>Summer Vacation Assignment</b> Survey( Only definitions- Scale , Representative Fractions, Contour, Contour Interval, Fireline, Causeway, Brokenground, Formlines, confluence + Directions, Drainage pattern, settlement, Occupation & landforms)	Sources of Pollutions of Water Bodies in your locality OR Natural Disaster (Any One)	20/07/2020

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<b>COMP. APPL.</b>	Ch-1 : Introduction to Object Oriented Programming Concepts; Ch-2 : Introduction to Java; Ch-3 : Elementary Concept of Objects and Class; Ch-4 : Values and Data Types; Ch-5 : Operators and Expressions [Only Theory]	Ch-1 : Introduction to Object Oriented Programming Concepts; Ch-2 : Introduction to Java; Ch-3 : Elementary Concept of Objects and Class; Ch-4 : Values and Data Types; Ch-5 : Operators and Expressions; Ch-7 : Input in Java; Ch-8 : Mathematical Library Functions; Ch-9 : Conditional Constructs in Java <b>Summer Vacation Assignment</b> All the programs taught in class 8 using BlueJ technique and assignment statements. 40 Short questions	Decision Making (if, if-else, if-else-if,switch) Looping Statement (for, while, do while) Nested Loops Menu Driven Program	18/06/2020 18/06/2020 05/11/2020 05/11/2020
<b>F.D</b>	Fashion Terminology; Fashion Cycle; Color; Fiber	Selection of Fabric & Supplementary Materials Manufacturing of Fibers; Properties of Fiber	Accessory Folder Embroidery Folder Sketch folder	24/07/2020 24/07/2020 12/11/2020
<b>ECO. APPL.</b>	Ch-1 : Meaning and Definition of Economics; Ch-2 : Basic Concepts of Economics; Ch-3 : Economy and Economic Entities	Ch-1 : Meaning and Definition of Economics; Ch-2 : Basic Concepts of Economics; Ch-3 : Economy and Economic Entities; Ch-4 : Basic Problems of an Economy; Ch-5 : Nature and Classification of an Economy; Ch-6 : Solution to Basic Economic Problems in Different Economies; Ch-7 : The Nature of Indian Economy	Definition of Economics Central Problems of an economy Role of Telecommunications in Indian Economy Globalization	18/06/2020 03/07/2020 30/10/2020 10/11/2020
<b>ENV. APPL.</b>	Unit 1 : Our Main Environmental Problems	Unit 1 : Our Main Environmental Problems; Unit 2 : Basic Ecology; Unit 3: Conservation of Ecosystem	Zoo as a place for conservation of species. Case study: 1. Where have all the sparrows gone? 2. Importance of Green Areas in the cities.	24/08/2020 09/11/2020
<b>F.A</b>	Basic Line Drawing.	Fruits And Object Drawing.	Still life Nature Study Greeting Card(craft work)	29/07/2020 29/07/2020 05/08/2020

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<b>COMM. ST.</b>	Ch-1 : Commercial and Non – commercial Activities Ch-2 : Business Activities Ch-3 : Profit and Non – Profit Organisation Ch-4 : Classification of Commercial Organisation	Ch-5 : Sole Proprietorship and Hindu; Ch-6 : Partnership; Ch-7 : Joint Stock Company; Ch-8 : Co–operative Society; Ch-9 : Public Sector Enterprises; Ch-10 : Marketing and Sales; Ch-11 : Finance and Accounts; Ch-12 : Human Resources; Ch-13 : Production; Ch-14 : Purchasing and Stores; Ch-15 : General Administration, Legal Compliance and Management Information system departments; Ch-19 : Meaning, objectives and Terminology of Accounting; Ch-20 : Basic Accounting Principles and Concept; Ch-21 : Accounting Books and Statements ( Meaning of Journal, classification of accounts, rules of debit and credit, Ledger-meaning, posting and balancing of Ledger Accounts) (Theory and practical of Journal and Ledger)	Human Activities Human resource management Banking	24/06/2020 02/11/2020  02/11/2020
<b>COMM. APPL.</b>	Ch-1 : Introduction to Commercial Organisation; Ch-2 : Ownership structures- sole proprietorship and JHFB; Ch-3 : Ownership structures- Partnership	Ch-1 : Introduction to Commercial Organisation; Ch-2 : Ownership structures- sole proprietorship & JHFB; Ch-3 : Ownership structures-Partnership; Ch-4 : Ownership structures- Joint stock Company; Ch-5 : Ownership structures- Cooperative society; Ch-6 : Public Sector Enterprises; Ch-7 : Functioning of a commercial organization; Ch-8 : Communication in a Commercial organization	Meaning and types of industries Joint Stock Company Communication Pollution	24/06/2020  24/06/2020 02/11/2020 02/11/2020

*Rakshmi*

**DIRECTOR ACADEMICS**