



GOLDEN GATE GLOBAL SCHOOL

CLASS-IX ANNUAL SYLLABUS

Session: 2025-26

Marks – 80, Duration – 3 HRS

SUBJECT	SYLLABUS	Practical Syllabus
Science	Physics : Chapter 8: Motion Chapter 9: Force and Laws of motion Chapter 10: Gravitation Chapter 11: Work and Energy Chapter 12: Sound	<ul style="list-style-type: none"> • Verification of the Laws of reflection of sound. • Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder. • Establishing the relation between the loss in weight of a solid when fully immersed in a tap water and sugar syrup. • Determination of the speed of a pulse propagated through a stretched string/slinky (helicalspring).
	Chemistry: Matter in our surrounding Is matter around us pure? Atoms and Molecules Structure of Atom	(1) Preparation of: (a) A true solution of common salt, sugar and alum (b) A suspension of soil, chalk powder and fine sand in water (c) A colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of <ul style="list-style-type: none"> • transparency • filtration criterion • stability (2) Preparation of: (a) A mixture (b) A compound using iron filings and sulphur powder and distinguishing between these on the basis of: (i) Appearance, i.e., homogeneity and heterogeneity (ii) Behaviour towards a magnet (iii) Behaviour towards carbon disulphide as a solvent (iv) Effect of heat (3) Perform the following reactions and classify them as physical or chemical changes: (a) Iron with copper sulphate solution in water (b) Burning of magnesium ribbon in air (c) Zinc with dilute sulphuric acid (d) Heating of copper sulphate crystals (e) Sodium sulphate with barium chloride in the form of their solutions in water (4) Determination of the melting point of ice and the boiling point of water. (5) Verification of the law of conservation of mass in a chemical reaction
	Biology: Ch -5 Cell Ch-6 Tissues Ch-12 Improvement in Food Resources	Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells & to record observations and draw their labeled diagrams. Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac

		muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams.
Hindi	<p>गद्य भाग -दो बैलों की कथा, ल्हासा की ओर, उपभोक्तावाद की संस्कृति, साँवले सपनों की याद प्रेमचंद के फटे जूते, मेरे बचपन के दिन</p> <p>पद्य भाग -कबीर दास, ललछद के बाख , रसखान के सवैयै ,कैदी और कोकिला, ग्राम श्री, मेघ आए, बच्चे काम पर जा रहे हैं ।</p> <p>कृतिका – इस जल प्रलय में ,मेरे संग की औरतें, रीढ़ की हड्डी</p> <p>व्याकरण – उपसर्ग -प्रत्यय ,समास, अलंकार (अनुप्रास, यमक , श्लेष अलंकार) अर्थ के आधार पर वाक्य भेद ।</p> <p>लेखन -3 अनुच्छेद लेखन, औपचारिक व अनौपचारिक पत्र ,कथा लेखन, ई-मेल लेखन, सूचना लेखन, संवाद लेखन।</p> <p>अपठित गद्यांश तथा अपठित काव्यांश</p>	ASL
English	<p>Beehive – All the Lessons and Poems</p> <p>Moments –All the Lessons</p> <p>Grammar – Integrated exercises based on Tenses , Modals, Determiners ,Subject verb Agreement, Reported Speech (gap filing , editing ,Transformation Dialogues)</p> <p>Writing – Diary Entry, Descriptive Paragraph (person, place, event),Story Writing</p> <p>Reading Comprehension(Discursive & Case Based)</p>	ASL
Mathematics	<p>Chapter 1, Number Systems</p> <p>Chapter 2, Polynomials</p> <p>Chapter 3, Factorisation of Polynomials</p> <p>Chapter 4, Linear Equations in Two Variables</p> <p>Chapter 5, Coordinate Geometry</p> <p>Chapter 7, Lines & Angles</p> <p>Chapter 8, Triangles</p> <p>Chapter 9, Congruence of Triangles</p> <p>Chapter 12, Circles</p> <p>Chapter 14, Areas of Triangles & Quadrilaterals</p> <p>Chapter 15, Volume & Surface Area of Solids</p> <p>Chapter 17, Bar Graph, Histogram & Frequency Polygon</p>	-

<p>Social Science</p>	<p><u>History</u> Chapter 1 French Revolution, Chapter 3 Nazism and the Rise of Hitler, Map based on chap 1(Outline political map of France. Locate/label/identify: Bordeaux, Nantes, Paris and Marseille), Chapter 2 {Central Powers: Germany, Austria-Hungary, Turkey (Ottoman Empire) & Allied Powers – France, England, Russia and USA} & Chapter 3 {Axis: Powers – Germany, Italy, Japan Allied Powers– UK, France, Former USSR, USA}</p>	<p>-</p>
	<p><u>Geography-</u> Ch-2 Physical division of India Ch-3 Drainage Ch-4 Climate Ch-5 Natural Vegetation & wildlife (only map work) Ch-6 Population + Map work of all the chapters</p>	<p>-</p>
	<p><u>Civics -</u> Ch-2 Constitutional Design Ch-3 Electoral politics Ch-4 Working of Institution Ch-5 Democratic Rights</p>	<p>-</p>
	<p><u>Economics-</u> Ch1 The Story of Village Palampur Ch-2 People as Resources Ch-3- Poverty as a challenge Ch-4- Food Security of India</p>	<p>-</p>
<p>Information Technology</p>	<p>Part A: Employability Skills Unit III: Information and Communication Technology Skills Ch-7 Introduction to ICT Ch-8 Components of Computer System Ch-9 Peripheral Devices Ch-10 Basic Computer Skills Part B : Subject Specific Skills UNIT-III DIGITAL DOCUMENTATION Ch-4 Introduction to Word Processor Ch-5 Editing a Document Ch-6 Formatting a Document Ch-7 Working with Tables. Ch-8 Printing a Document UNIT-IV ELECTRONIC SPREADSHEET Ch-10 Creating a Spreadsheet Ch-11 Editing Data in a Spreadsheet Ch-12 Formatting Data in a Spreadsheet Ch-13 Cell Referencing Ch-14 Introduction to Charts UNIT-V DIGITAL PRESENTATION Ch-15 Characteristics of a Good Presentation Ch-16 Getting Started with OpenOffice Impress Ch-17 Working with Slides</p>	<p>Viva- 10 Marks Practical Topics- 20 Marks • Practical activities in the lab will be conducted on Electronic Spreadsheet to perform data entry, formatting, formulas, and basic data analysis. • Practical activities in the lab will be organized on Digital Presentation to design, edit, and present information using slides, layouts, and visual elements.</p>

	Ch-18 Working with Tables Ch-19 Inserting and Formatting Image in a Presentation Ch-20 Working with Slide Master	
Home Science	Unit 1: Concept and Scope of Home Science Education and recent trends Unit 2: Human Growth and Development- Part 1 Unit 3: Family and Values Unit 4: Food, Nutrition and Health Unit 5: Fibre and Fabric Unit 7: Measures of Safety and Management of Emergencies	1. To make mix fruit jam 2. To make stuffed and mayo sandwiches. 3. To make hot and cold coffee.
Marketing And Sales	Unit 1: Introduction to Market and Sales Unit 2: Concept of Market Unit 3- Basic Concept of Sales and Selling Unit-4 Understanding Customer and Consumer Unit -5 Activities in Sales and Marketing	Viva- 25 Marks Practical Topics-25 Marks 1- Product: School Backpack Task: 1. List 3 features 2. Decide the target age group 3. Suggest one promotional method 4. Explain why customers should buy it. 2. Questionnaire: Prepare a survey questions to know students' preference for sports shoes brands. 3. Explain good customer service with one real-life example.
Introduction to Financial Markets	Ch-1 Money- What is it Ch-2 Money-Exchange System Ch-3 Key Characteristics of Money Ch-4 What is Financial Planning Ch-5 What is Income Ch-6 What is Expenses Ch-7 What is Bank Ch-8 Why Save Ch-9 Setting Goals	Viva- 25 Marks Practical Topics-25 Markss 1- Study of Banking and Digital Payment Systems (UPI, NEFT, IMPS, RTGS, ATM etc.) 2- Comparison Between Savings and Investments (Concept of Risk, Return, Time Period, Purpose & Examples) 3- Banking Documents and Accounts (Savings Account, Current Account, Passbook, Chequebook, ATM Card)
Painting	Ch 1 -The Element of Art Ch 2 - Principles of Art Ch 3 - Understanding and Appropriate use of Tools Ch 4 - Understanding and Appropriate use of Painting Materials	Composition