



SYLLABUS

CLASS 9TH



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SYLLABUS



2026-27



PHYSICS				
Month	Days	Topic To Be Covered	Remarks	
APRIL	1-4-26 to 15-4-26	Chapter: Motion (Part I) Describing Motion: Point of reference (Origin). Distance vs. Displacement (Magnitude & Direction). Uniform vs. Non-Uniform Motion. Speed: Average and Instantaneous.		
	16-4-26 to 30-4-26	Chapter: Motion (Part II) Velocity: Speed with Direction. Acceleration: Rate of change of velocity. Distance-Time & Velocity-Time Graphs. Derivation of Equations of Motion (Graphical Method). Uniform Circular Motion.		
MAY	1-5-26 to 15-5-26	Force & Laws of Motion (I) Concept of Force: Push and Pull. Balanced vs. Unbalanced Forces. First Law of Motion: Concept of Inertia. Mass as a measure of Inertia.		
	16-5-26 to 31-5-26	Force & Laws of Motion (II) Second Law:Mathematical formulation: Concept of Momentum . Units of Force (Newton).		
JUNE	Summer Vacations			
JULY	1-7-26 to 15-7-26	Gravitation (Part I) Universal Law of Gravitation . Inverse Square Law. Importance of Universal Law. Acceleration due to gravity		
	16-7-26 to 31-7-26	Gravitation (Part II) Motion under gravity: Free Fall. Variation of (Pole vs. Equator). Mass vs. Weight. Equations of motion under gravity.		
AUG	1-8-26 to 15-8-26	Revision of S.A -1		
	16-8-26 to 31-8-26	Revision of S.A -1		
SEP	1-9-26 to 30-9-2026	S.A-1 EXAM		

CHEMISTRY				
Month	Days	Topic To Be Covered	Remarks	
APRIL	1-4-26 to 15-4-26	Introduction to syllabus, Exploring mixture and their separation, homogeneous mixture and heterogeneous mixture, solution & suspension, demonstration of homogeneous and heterogeneous in lab		
	16-4-26 to 30-4-26	Collidal solution and their properties, various ways to express concentration of solution, numerical practice of concentration of solution 1 -2 test can be considered		
MAY	1-5-26 to 15-5-26	discussion about separation techniques, crystallisation, distillation, paper chromatography		
	16-5-26 to 31-5-26	Sublimation, centrifugation, and coagulation revision of the detailed question MCQ of the related topics		
JUNE	Summer Vacations			
JULY	1-7-26 to 15-7-26	Structure of an atom. Introduction of an atom, atoms are basic unit of elements, electron proton, and neutron introduction .Thomson model Lab unit with MCQ test		
	16-7-26 to 31-7-26	Rutherford model and it's limitations, Bohr model, and it's elaboration distribution of electrons, assignment, and test		
AUG	1-8-26 to 31-8-26	symbols atomic number, mass number, isotopes isobar, valency, revision, and lab visit test conduction		
SEP	1-9-26 to 30-9-2026	S.A-1 EXAM		

BIOLOGY				
Month	Days	Topic To Be Covered	Experiments	
APRIL	1-4-26 to 15-4-26	Ch-1 Topics - Discovery, cell theory, types of organisms, prok and eukaryotic cells. [structure]	1. slide of onion peel showing cell 2. charts of pro & Eukaryotic cells	
	16-4-26 to 30-4-26	Ch - 1 Topics : Cell as structural & functional unit + cell organelles	1. chart showing different cell organelles	
MAY	1-5-26 to 15-5-26	Ch-1 Topics -cell organelles permeability of cell membrane cell division and cancer recent advancements in cell Biology	1.Demonstration of osmosis 2. slides of cell division	
	16-5-26 to 31-5-26	Ch-2 Tissue Topics - Plant tissue introduction, types, importance+ structure	1. Permanent slides of plant tissue showing cell structure	
JUNE	Summer Vacations			
JULY	1-7-26 to 15-7-26	Ch - 2 [Animal Tissue] Topics Epithelial, muscular+nervous Tissue	1. Permanent slides of animal tissue [Epi+muscular+nervous tissue] 2. slides of human blood smear 3. Slides of connective tissue	
	16-7-26 to 30-7-26	Ch-2 Tissue Topics - Connective tissue, types structure & function		
August	1-8-26 to 15-8-26	Ch-2 Tissue Topics - Elementary idea of Musculoskeletal system Care of Musculoskeletal system	1. musculoskeletal system via projector	
	16-8-26 to 30-8-26	Revision SA - I		
SEP	1-9-26 to 30-9-2026	S.A-1 EXAM		

ENGLISH				
Month	Days	Literature	Grammar & Bravia	Activity
APRIL	1-4-26 to 15-4-26	Chapter 1, How I taught my Grandmother to Read	Worksheet No. 23	Listening Assignment - 1
		Poem 1 Bharat Our Land	Worksheet No. 1,2	Speaking activity - 1
	16-4-26 to 30-4-26	Chapter 2, The Pot Maker	Worksheet No. 24,25 Worksheet No. 3,4 Worksheet No. 68,69	L.A 2 Extempore
MAY	1-5-26 to 15-5-26	Poem 2 Gift of Grace Honouring our Vacation	Worksheet No. 5,6 Worksheet No.26,33,34	L.A - 3 S.A- 2
	16-5-26 to 31-5-26	Chapter 3 Winds of Change	Worksheet No. 7,8	L.A - 4
		Poem 3 Canvas of Soil	Worksheet No. 35,72,73	Spelling Bee
JUNE	Summer Vacation			
JULY	1-7-26 to 15-7-26	Vitamin - M (chapter-4)	Worksheet No. 9 Worksheet No. 27,35,36,74,75	L.A - 5
	16-7-26 to 31-7-26	Poem-4, I cannot Remember My Mother	Worksheet No. 10 Worksheet No. 28,29,37,38	SA - 3
AUG	1-8-26 to 15-8-26		Worksheet No. 11,56,57,58,59	
	16-8-26 to 31-8-26			
SEP	1-9-26 to 30-9-2026	SA-I		

PUNJABI				
MONTH	DATE	CHAPTER/TOPIC		Activity
APRIL	1-4-26 to 15-4-26	ਕਹਾਨੀ - ਜਨਮਦਿਨ ਕਵਿਤਾ - ਸਮਾਂ (ਲਿੰਗ)		Presenatation workbook assignment (1-20 Q) one marks
	16-4-26 to 30-4-26	ਵਾਰਤਕ- ਵਗੋਸੀ ਤਾਇਆ		
MAY	1-5-26 to 15-5-26	ਕਹਾਨੀ - ਸਾੜੀ ਕਧ ਕਵਿਤਾ - ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ		
	16-5-26 to 31-5-26	ਵਾਰਤਕ - ਮੁੜ ਵੇਖਿਆ ਪਿੰਡ ਇਕਾਗੀ -ਸੌਨਪਾਗੀ (ਸ਼ਬਦ ਜੋੜ)ਸੱਭਾਗੀ		
JUNE	Summer Vacation			
JULY	1-7-26 to 15-7-26	ਇਕਾਗੀ -ਸੌਨਪਾਗੀ (ਮੁਹਾਵਰੇ ਓ.m.) ਕਵਿਤਾ - ਜਵਾਨ ਪੰਜਾਬ ਦੇ		value based question
	16-7-26 to 31-7-26	ਵਿਆਕਰਨ - ਸੌਪਾਦਕ ਪੱਤਰ, ਚਿੱਤਰ ਲੇਖਨ (ਵਿਸਮਿਕ)		comp. work B ਵਿਆਕਰਨ
AUG	1-8-26 to 15-8-26	ਵਿਆਕਰਨ-ਵਿਚਾਰਤਮਕ ਲੇਖ, ਕਿਰਿਆ ਅਣਡਿੱਠਾ ਪੈਰਾ, ਅਣਡਿੱਠੀ ਕਵਿਤਾ		
	16-8-26 to 31-8-26	part wise revision		
SEP	Revision of Syllabus and Half Yearly Exam			

INFORMATION TECHNOLOGY				
MONTH	DATE	CHAPTER/TOPIC	CHAPTER	
APRIL	1-4-26 to 15-4-26	Shotcut Keys, Keyboarding Skills,Types of keys on keyboard, Numeric keypad,Home keys, Guide keys,Typing and deleting text, Typing ergonomics,Positioning of fingers on the keyboard, Allocation of keys to fingers on four different rows	Unit 1	
	16-4-26 to 30-4-26	Pointing device – Mouse, Mouse operations.Introduction to Rapid Typing Tutor,Touch typing technique, User interface of Typing Tutor,Typing text and interpret results,Working with lesson editor, Calculating typing speed,Typing rhythm.		
MAY	1-5-26 to 15-5-26	Communication Cycle, various Methods of communication; Provide descri Principles of effective communication, Measure to overcome Barries; Semester-I Examinations	Unit-1	
	16-5-26 to 31-5-26	Introduction to word processing,Word processing applications,Introduction to Word Processing tool Creating a document,Components of writer, Editing, Selecting, Duplicating and Moving, Find & Replace, Checking Spelling & Grammar, Using Thresures, Fromatting, Page Formatting, Working with Tables, Printing, Mail Merge		
JUNE	Summer Vacation			
JULY	1-7-26 to 15-7-26	ICT Skills Opearting ,system, Working with files & Folder. Care & maintainance of Computers,	Unit-2	
	16-7-26 to 31-7-26	Hardware & Software, Perfroming basic Computer Operations, Computer E Communication & Networking, The Internet, Email, Social Media, Digital		
AUG	1-8-26 to 30-8-26	IT Ites Industry, Information Technology, BPM Industry in IndiaApplications of IT in home computing, everyday life, library, workplace,education, entertainment, communication, business, science and engineering, banking, insurance, marketing, health care, IT in the government and public service	Unit-2	
SEP	Revision of Syllabus and Half Yearly Exam			

MATHEMATICS

Month	Date	Chapter	Topic	Activity
APRIL	1-4-26 to 15-4-26	Number System Rationalisation	Number system, introduction of rational number, representation of rational number on number line, finding rational number between two rational number, irrational number, proof $\sqrt{2}, \sqrt{3}$, irrational ,	
	16-4-26 to 30-4-26	Coordinate geometry Euclids geometry	Coordinate geometry History of geometry, 2-	
MAY	1-5-26 to 15-5-26	Lines & Angles	Lines and angles, rays and angles, measure of angles, intersecting lines and angles, pair of angles, parallel lines theorem on intersecting and parallel lines	
	16-5-26 to 31-5-26	Sequence & Series	Sequence and progression introduction to sequences, AP introduction, some of first N natural numbers, GP intro and Nth term visualising a GP	
June	Summer Vacation			
July	1-7-26 to 15-7-26	Triangles	Triangles, congruent theorem, introduction, condition of concurrency of triangle proves theorem on triangles, SAS, AAS, ASA, SSS, RHS	
	16-7-26 to 31-7-26	Triangles & Mensuration	Triangles continue proof of theorem converse theorems Mensuration perimetre shapes circles, intro of PI length of arc. Area of shapes (2-d Shapes) Heron's Formula	
AUG	1-8-26 to 30-8-26	Mensuration & Algebraic Identities	Mensuration Area of Sector, Area of Quadilateral Explore Algebraic Identities Rationalisation,	
SEP	S.A-1 EXAM			

SOCIAL SCIENCE

MONTH	DATE	CHAPTER/TOPIC	BOOK	
APRIL	1-4-25 to 15-4-25	Lesson 1- The Story of Village Palampur: Organisation of Production, Farming in Palampur, How is Land distributed between the farmers of Palampur?, Non-Farm Activities in Palampur, Written Work, Back Exercise, Revision of Written Work, Test of L-1	ECONOMICS	
		Lesson 1- India-Size and Location will be : Introduced : Location and size will be covered	GEOGRAPHY	
	16-04-25-30-4-25	India's Neighbours will be covered along with Map, Back Exercise will be solved, Q/Ans. In written form will be done, The french Revolution will introduced and topic French Society during the late eighteenth century will be covered	GEOGRAPHY	
MAY	1-5-25 to 15-5-26	Outbreak of the Revolution will be covered, Reading Political symbols, France Abolishes Monarchy and becomes a Republic, Did women have a Revolution?, The Abolition of Slavery, The Revolution and Everyday Life, Written Work	HISTORY	
		Lesson 1- What is Democracy? Why Democracy? : What is Democracy, Features of Democracy Day, Why Democracy, Broader Meaning of Democracy, Back Exercise will be solved, Written work will be done, Revision will be done	CIVICS	
	16-5-25 to 30-5-27	Lesson 1- People as Resources will be Introduced : Introduction with stories, Economic Activities by Men and Women, Unemployment, Exercise will be solved, Written Q/Ans.	ECONOMICS	
JUNE	Summer Vacation			
JULY	1-7-25 to 15-7-25	Lesson 2- Physical features of India : Introduction & The Himalayan Mountains, The Northern Plain, The Peninsular Plateau, The Indian Desert & the Coastal Plains & The Islands, Written Work, Back exercise 7 Revision	GEOGRAPHY	
		Lesson 2- Constitutional Design : Democratic constitution in South Africa, Why do we need a constitution, Making of the Indian constitution, Guiding value of the Indian Constitution, Written Work, Back Exercise & Revision Day	CIVICS	
	16-7-25 to 31-7-26	Lesson 2- Socialism in Europe and the Russian Revolution : The age of social change, Liberals, Radicals & conservatives, Industrial society & social change, The coming of socialism to Europe, Support for socialism, The Russian Revolution, The Russian Empire in 1914, Economy & Society, Socialism in Russia, A Turbulent Time: The 1905 Revolution, The first world war & The Russian Empire, The February Revolution in Petrograd, After February, The Revolution of October 1917, What changed after October?, The civil war, Making a socialist society, Stalinism and collectivisation, The global influence of the Russian Revolution & the USSR, Written Work, Revision Work, Test of Chapter	HISTORY	
AUG	1-8-25 to 31-8-25	Lesson 3- Drainage : Drainage system in India, The Indus River system, The Ganga River system, The Brahmaputra River system, The peninsular River, The Narmada Basin, The Tapi Basin, The Godavari Basin, The Mahanadi Basin, The Krishna Basin, The Kaveri Basin, Lakes, Role of Rivers in the Economy, River Pollution, Written Work, Revision Work, Map Work	GEOGRAPHY	
		Lesson 3- Electoral Politics, Why Elections?, Why do we need election?, What makes an election democratic?, It's good to have political competition, What is the system of election?, Electoral constituencies, Reserve Constituencies, Voter list, Nominations of candidates. Election campaign, Polling and counting as voter, What makes elections in democratic, Independent commission, popular participation, Acceptance of election outcome, Written work, Test of chapter	CIVICS	
SEP	Revision of Syllabus and Half Yearly Exam			



THANKS

BEST WISHES

