

Class – IX
Annual Planner – (2021-22)

Subject - English

Working Days/Month	Book Name	Topics	Subject Enrichment	Multiple Assessment	Excluded Chapters
April (14)	Beehive Moments	Literature: Ch-1 The fun they had Ch-2 The sound of Music / Poem The road not taken Ch-2 The adventures of Toto Grammar: Editing Writing: Diary Entry Reading : Unseen Passage	Listening : Discursive passage a long with the questionnaire Speaking: Creative Monologue Topic- Status of Women in society	-	-
May (12)	Beehive Moments	Literature: Poem - Wind Ch-1 The lost child Reading : Unseen Passage	Listening : Poetry a long with the questionnaire Speaking: Story telling/Story narration Topic- Random topic/Hint points to be given on the spot	C.T.- 1	-
July (21)	BEEHIVE MOMENTS	Literature: Ch-3 The Little Girl Poem – The Rain on the Roof Poem – The Lake Isle of Innisfree Ch-3 Iswaran the Storyteller Grammar: Omission, Sentence Re-ordering Writing: Story Writing Reading: Unseen Passage	Listening: Discursive Passage with Questionnaire Speaking: Extempore Topic – Today's Youth is wiser than their Forefathers	P.T. - 1	-
August (20)	BEEHIVE MOMENTS	Literature: Ch-4 A Truly Beautiful Mind Ch-5 The Snake & the Mirror Poem – A legend of the Northland & No Men are Foreign Grammar: Gap filling (Cloze), Determiners Writing: Story Writing practice Reading : Unseen Passage Literature: Ch-6 My Childhood Writing: Descriptive Paragraph Grammar: Active/Passive Voice Reading: Unseen Passage	Listening: Vocabulary/Spell Bee Oral Quiz Speaking: Telephonic Conversation Topic – Plan a visit to Book Store Listening: Identify the Examples on the basis of Literary Devices Speaking: Two-minute Debate Topic – Reservation in India	-	-
September (22)		Half Yearly		Half Yearly	-
October (17)	BEEHIVE MOMENTS	Literature: Poem – The Duck & The Kangaroo Poem – On killing a tree Ch-7 Packing Ch-8 Reach for the Top Writing: Letter to Editor Grammar: Modals, Editing Reading: Unseen Passage	Listening: Discursive Passage with Questionnaire Speaking: Paragraph Topic – The women of society	-	-

November (17)	BEEHIVE MOMENTS	Literature: Ch-9 The Bond Of Love Ch-10 Kathmandu Ch-4 In the Kingdom of Fools Ch-5 The Happy Prince Grammar: Direct/Indirect Speech, Clauses Reading : Unseen Passage	Listening: Poetry along with Questionnaire Speaking: Speech Topic – A change that you would like to bring in India	C.T.- 2	-
December (23)	BEEHIVE MOMENTS	Literature: Ch-11 If I were You Poem – The Snake Trying Poem – A Slumber did my Spirit seal Ch-6 Weathering the Storm in Ersama Ch-7 The Last Leaf Writing: Story Writing, Practice of Diary Entry Grammar: Gap filling (Cloze), Omission, Prepositions Reading: Unseen Passage	Listening: Factual Passage with Questionnaire Speaking: Biography of any famous personality	P.T.- 2	-
January (19)	BEEHIVE MOMENTS	Literature: Ch-8 A House is not a Home Ch-9 The Accidental Tourist Ch-10 The Beggar Writing & Grammar: Revision	Listening: Discursive Passage with Questionnaire Speaking: Role Play	P.T.- 3	-
February (20)		Revision for Final Examination.			
Subject - Maths					
April (14)	Mathematics (Prachi) NCERT Mathematics Lab Manual (J.P.H)	Ch-1 : Number system Activity 1,2 Activity1: To obtain a square root spiral of natural numbers using graduated strips	Activity2: To represent the square root of 34 on a number line using graph paper	-	-
May (12)	Mathematics (Prachi) NCERT Mathematics Lab Manual (J.P.H)	Ch-2 Polynomials Activity 3,9	Activity 3: Factorisation of polynomials Activity 9: Algebraic Identity $(a+b+c)^3$	C.T. - 1	-
July (21)	Mathematics (Prachi) NCERT Mathematics Lab Manual (J.P.H)	Ch-3 : Co-Ordinate Geometry Ch-4 : Linear equation in two variable Ch-6 : Lines and Angle. Geometry Revision Activity 12,8	Activity8: Mirror image of geometry figure Activity12: Two lines intersect when vertically opposite angle are equal	P.T. - 1	CH-5(Introduction to Euclid's Geometry)
August (20)	Mathematics (Prachi) NCERT Mathematics Lab Manual (J.P.H)	Ch-7 : Triangle Ch-8 : Quadrilaterals Ch-15: Probability Activity 13,14,19 Activity 13 : Opposite sides of a parallelogram are equal	Activity 14 : Mid –Point theorem Activity 19 : Sum of angles of triangles is 180		-
September (22)		Revision of Half yearly Exam			-

October (17)	Mathematics (Prachi) NCERT Mathematics Lab Manual (J.P.H)	<u>Ch-11</u> : Construction <u>Ch-12</u> Heron's formula <u>Ch-9</u> Area of parallelogram & triangle Activity 35	Activity 35 : Experimental probability of outcome of die	Assignment	-
November (17)	Mathematics (Prachi) NCERT Mathematics Lab Manual (J.P.H)	<u>Ch-10</u> : Circle <u>Ch-13</u> : Surface area and volume Activity 27,28,30 Activity 30 : Formula for its surface area experimentally	Activity 27 : An arc of a circle Activity 28 : An arc of a cyclic quadrilateral	C.T.- 2	-
December (23)	Mathematics (Prachi) NCERT Mathematics Lab Manual (J.P.H)	<u>Ch-14</u> : Statics Activity 31,32 Activity 31 : Surface area of a cylindrical object	Activity 32 : Relation between the volumes of cone, cylinder and a hemisphere	P.T.- 2	-
January (19)		Revision for Final Exams		Annual Exam	-
Subject – Hindi					
अप्रैल (14)	क्षितिज (गद्यखण्ड)	पाठ 1 बैलों की कथा	सुनना 'स्वाभिमान पर आधारित कहानी'	-	-
मई (12)	क्षितिज काव्यखण्ड हिंदी व्याकरण कृतिका क्षितिज (गद्यखण्ड) काव्यखण्ड लेखन कार्य	पाठ 2 वाख पाठ 1 उपसर्ग प्रत्यय (शब्द निर्माण) मेरे संग की औरतें पाठ 2 लहासा की ओर पाठ 1 साखियां, सबद अपठित गद्यांश, औपचारिक पत्र	-	C.T.- 1	-
जुलाई (21)	क्षितिज (गद्यखण्ड) काव्यखण्ड कृतिका हिंदी व्याकरण लेखन कार्य	पाठ 3 उपभोक्तावाद की संस्कृति पाठ 3 सवैये (रसखान) पाठ 1 इस जल प्रलय में पाठ 3 समास अपठित गद्यांश , औपचारिक व अनौपचारिक पत्र लघु कथा लेखन	-	P.T.- 1	-
अगस्त (20)	क्षितिज (गद्यखण्ड) काव्यखण्ड	पाठ 4 सांवले सपनों की याद पाठ 4 कैदी व कोकिला	हिंदी कवियों के चित्र संग्रह	Assignment	-

	कृतिका हिंदी व्याकरण लेखन कार्य	पाठ 5 ग्राम श्री पाठ 4 अर्थ की दृष्टि से वाक्य भेद पाठ 3 रीढ़ की हड्डी औपचारिक पत्र , निबंध , संवाद लेखन, अनुच्छेद लेखन			
सितम्बर (22)		पुर्णवृत्ति कार्य			
अक्टूबर (17)	क्षितिज (गद्यखण्ड) काव्यखण्ड कृतिका हिंदी व्याकरण लेखन कार्य	पाठ 5 नाना साहब की पुत्री पाठ 6 चंद्र ग्रहण से लौटती बेर पाठ 4 माटी वाली पाठ 5 अलंकार (शब्दालंकार) पठित गद्यांश , पत्र, संवाद-अनुच्छेद लेखन	वाद विवाद "मोबाइल फोन एक अनिवार्य आवश्यकता"	Assignment	-
नवंबर (17)	क्षितिज (गद्यखण्ड) काव्यखण्ड कृतिका हिंदी व्याकरण लेखन कार्य	पाठ 6 प्रेमचंद के फटे जूते पाठ 7 मेघ आए पाठ 5 किसी तरह आखिर मैं हिंदी में आया पाठ 5 अलंकार (अर्थालंकार) औपचारिक पत्र, अपठित गद्यांश , अनुच्छेद , लघु कथा	सुन्ना स्वतंत्रता सेनानियों के नारे (Slogan)	कक्षा परीक्षा - 2	-
दिसंबर (23)	क्षितिज (गद्यखण्ड) काव्यखण्ड हिंदी व्याकरण लेखन कार्य	पाठ 7 मेरे बचपन के दिन पाठ 8 यमराज की दिशा संवाद लेखन पठित काव्यांश	संवाद सुन्ना दो मित्रों के बीच वार्तालाप	P.T.-2	-
जनवरी (19)	क्षितिज (गद्यखण्ड) काव्यखण्ड लेखन कार्य	पाठ 8 एक कुत्ता एक मैना पाठ 9 बच्चे काम पर जा रहे हैं अनौपचारिक पत्र , लघु कथा	पुस्तकालय व्यवस्था पर परिचर्चा	P.T.-3	-
फरवरी (20)			Mock Test		

मार्च		Final Exam			
Subject – Science (Bio)					
April (14)	NCERT Science Textbook for class IX/Rachna Sagar Manual : 3 in one Science lab manual(JPH)	Ch-5 : The fundamental unit of life Sub Topics 1) Discovery of cell, cell: shapes and sizes 2) Cell organelles. Exp-5	Experiment 5 : Preparation of stained temporary mounts of (a) onion peel (b) human cheek cells & to record observations and draw their labeled diagrams	-	-
May (12)	NCERT Science Textbook for class IX/Rachna Sagar Manual : 3 in one Science lab manual (JPH)	Ch-6 : Tissues 1) Plant and Animal tissues Exp-6	Experiment 6 : Identification of parenchyma, collenchyma and sclerenchyma tissues in plants, striped, smooth and cardiac muscles fibres and nerve cells in animals, from prepared slides. Draw their labeled diagrams	C.T. - 1	-
July (21)	NCERT Science Textbook for class IX/Rachna Sagar Manual : 3 in one Science lab manual(JPH)	Ch-7 : Diversity in the living organisms - Sub Topics 1) Classification and evolution 2) Kingdoms 3) Nomenclature Exp-13,15 Experiment 15: Study of the external features of root, stem, leaf and flower of monocot and dicot plants	Experiment 13 : Observe pictures/charts/models of earthworm, cockroach bony fish, and bird. Draw their picture and record observation of phylum.	P.T. - 1	-
August (20)	NCERT Science Textbook for class IX/Rachna Sagar Manual : 3 in one Science lab manual(JPH)	Ch-13 : Why do we fall ill -: Sub Topics 1) Health & Disease 2) Principles of treatment Exp-12	Experiment 12 : Study of the characteristics of spirogyra, Agaricus, Moss, Fern, Pinus, Ex- an Angiospermic plant. Draw and give two identifying features.	Nil	-
September (22)		Half Yearly Exam	-	Half Yearly Exam	-
October (17)	NCERT Science Textbook for class IX/Rachna Sagar Manual : 3 in one Science lab manual(JPH)	Ch-14 : Natural Resources -: Sub Topics 1) Natural resources (Air, Water) 2) Ozone Layer	-	Nil	-
November (17)	NCERT Science Textbook for class IX/Rachna Sagar	Ch-15 : Improvement in food resources	-	C.T- 2	-

	Manual : 3 in one Science lab manual(JPH)	<u>Sub Topics</u> 1) Green Revolution 2) Animal Husbandary			
December (23)		Revision	-	P.T.- 2	-
January (19)		Revision	-	P.T.- 3	-
February (20)		Revision for Final Exams			
Subject – Science (Chemistry)					
April (20)	NCERT Science & Rachna Sagar Lab Manual JPH	Ch-1 Matter in our surroundings (Page No- 1 to 8) Activity 1 Activity 1: To Prepare 1) A true solution of common salt, sugar and alum 2) A suspension of soil, chalk and fine said in water	3) A colloidal solution of starch in water and egg albumin in water and distinguish between these on the basis of -: (a) Transparency (b)Filtration (c) Stability	-	-
May (12)	NCERT Science & Rachna Sagar Lab Manual JPH	Ch-1 Matter in our surroundings (Page No- 9 to 13) Activity 2 Activity 2: To Prepare(a) a mixture (b) a compound, using iron fillings and sulphur powder and distinguish between these on the basis of: (a) appearance, i.e. homogeneity and heterogeneity	(b) behaviour towards a magnet (c) behaviour towards carbon disulphide (a solvent) (d) Effect of heat	C.T.- 1	-
July (21)	NCERT Science & Rachna Sagar Lab Manual JPH	Ch-2 Is Matter around us is pure (Page No-14to22) Activity 3	Activity 3: Separation of a mixture of common salt and NH ₄ CL	P.T.- 1	-
August (20)	NCERT Science & Rachna Sagar Lab Manual JPH	Ch-2 Is Matter around us is pure (Page No-15to30) Activity 3	Activity 3: Chemical reaction of zinc and dil sulphuric acid	-	-
September (22)		Revision of Half Yearly Exams		Half Yearly Exams	-
October (17)	NCERT Science & Rachna Sagar Lab Manual JPH	Ch-3 Atoms and molecules (Page no- 31 to 38) Activity 5	Activity 5 : Chemical reaction of sodium sulphate and barium chloride	Assignment	-
November (17)	NCERT Science & Rachna Sagar Lab Manual JPH	Ch-3 Atoms and molecules (Page no-39 to 45) Activity 6	Activity 6: Chemical reaction when mg burn in air	C.T.- 2	-

December (23)	NCERT Science & Rachna Sagar Lab Manual JPH	Ch-4 Structure of Atom (Page no-46 to 51) Activity 7	Activity 7 :Chemical Reaction of iron and copper sulphate solution	P.T.- 2	-
January (19)	NCERT Science & Rachna Sagar Lab Manual JPH	Ch-4 Structure of Atom (Page no-52 to 56) Activity 8	Activity 8 :Heating effect of copper sulphate	P.T.- 3	-
February (20)		Revision for Annual Examination	-	-	-
Subject – Physics					
April (20)	Science NCERT/Together with Science Lab Manual JPH	Ch- Motion -: Sub topic (i) Motion (ii) distance and displacement (iii) Speed (iv) Uniform and non-uniform motion (v) Velocity (vi) acceleration (vii) Graphical representation of motion	-	-	-
May (12)	Science NCERT/Together with Science Lab Manual JPH	Ch- Motion -: Sub topic (i) Equation of motion by graphical method (ii) Uniform circular motion (iii) Numericals	-	C.T- 1	-
July (21)	Science NCERT/Together with Science Lab Manual JPH	Ch- Force and law of motion -: Sub topic (i) Balance and unbalanced force (ii) First law of motion (iii) Inertia and mass (iv) Second law of motion and mathematical formulation (v) Third law of motion (vi) Conservation of momentum (vii) Numericals		P.T- 1	-
August (20)	Science NCERT/Together with Science Lab Manual JPH	Ch- Gravitation -: Sub topic (i) Universal law of gravitation (ii) Importance of the universal law of gravitation (iii) Motion of object under influence of gravitational force of the earth (iv) Mass and weight (v) Thrust and pressure (vi) Buoyancy (vi) Archimedes principal (vii) Relative density (viii) Numericals Exp-9,10	Exp-10 To establish the relation between the loss in weight of a solid cotton fully immersed in (i) tap water (ii) Strong salty water with the weight of water displaced by it at least two different solids Exp-9 To determine the density of a solid by using a spring balance and a measuring cylinder.	-	-
September (22)		Half Yearly	-	-	-
October (17)	Science NCERT/Together with	Ch- Work and Energy -: Sub topic (i) Work (ii) Energy (iii) Forms of energy	-	-	-

	Science Lab Manual JPH	(iv) Potential energy			
November (17)	Science NCERT/Together with Science Lab Manual JPH	Ch- Work and Energy -: Sub topic (i) Potential energy of an object at a height (ii) Power (iii) Commercial unit of energy (iv) Numericals	-	C.T- 2	-
December (23)	Science NCERT/Together with Science Lab Manual JPH	Ch- Sound -: Sub topic (i) Production of sound (ii) Type of sound (a) Longitudinal wave (b) Transverse wave (iii) Echo (iv) Reverberation	Exp-11 To determine the verify of a pulse through a string/slinky. Exp-8 To verify reflection of sound.	P.T- 2	-
January (19)	Science NCERT/Together with Science Lab Manual JPH	Ch- Sound -: Sub topic (i) Range of hearing (ii) Application of ultrasound (iii) SONAR (iv) Structure of human ear (v) Numericals	-	P.T- 3	-
February (20)		Revision for Annual Examination	-	-	-
Subject – Social Science					
April (14)	NCERT (Economics) NCERT (Civics)	Ch-1 Story of village palampur Ch-1 What is Democracy? Why Democracy	Make a chart on different economic activities	-	Ch-3 Drainage
May (12)	NCERT (Geography) NCERT (History)	Ch-1 India : size and location Ch-4 Forest society and colonism	Map work India and neighbouring countries	C.T.- 1	Ch- Democratic constitution in Africa
July (21)	NCERT (Geography) NCERT (History)	Ch-2 Physical features of India Ch-1 The french revolution	Physical map of India Summary- Gordwana land	P.T.- 1	-
August (20)	NCERT (Geography) NCERT (Civics) NCERT (History)	Ch-3 Drainage Ch-3 Constitutional design Ch-2 The socialism in Europe and the russain revolution	Map Practice: Rivers and dams Summary about comparison Indian constitution with one another country	Assignment	Geo- Population complete chapter
September (22)	NCERT (Geography) NCERT (History)	Ch-5 Natural vegetation and wildlife Ch-5 Pastoralist in the modern world		Half Yearly Exams	history- Pastoralists in modern world (complete)
October (17)	NCERT (History)	Ch-3 Mazism and the rise of hitler Ch-6 Democratic right	Map work - Alloid and axes powers	Assignment	-
November (17)	NCERT (Economics) NCERT (Geography) NCERT (Political Science)	Ch-2 People as resources Ch-6 Population Ch-4 Food Security in India	Map work -Central and allied powers	C.T.- 2	Civics- Ch- Democratic Rights

December (23)	NCERT (Civics) NCERT (Geography)	Ch-4 Electoral Politics Ch-4 Climate		P.T.- 2	-
January (19)	NCERT (Civics) NCERT (Economics)	Ch-5 Working of Institutions Ch-3 Poverty as challenge	Activity –Make a list how different Institutions work	P.T.- 3	-
February (20)		Revision for Annual Examination	-	-	-
Subject - IT					
April (14)	Information Technology	Part A: Employability Skills Ch-1 Communication skills Session 1 What is communication Session 2 Verbal & Non Verbal Communication Session 3 Writing skills	-	Assignment	-
May (12)	Information Technology	Part B: Subject Specific Skills Ch-6 Introduction to IT-ITes industry Session 1 Introduction to IT & ITes Session 2 IT Applications Part A: Ch-2 Self-Management Skills Session 1 Introduction to self management Session 2 Strength & Weakness analysis Session 3 Self confidence	Make a PPT on pros & cons of using ICT	C.T.- 1	-
July (21)	Information Technology	Part A: Ch-3 Basic ICT Skills 1 Session 1 Introduction to ICT Session 2 ICT tools Session 3 Connect with the world internet & its application Part B: Ch-7 Data entry & keyboarding skills Session 1 Use data entry tools keyboard & mouse	To create an e-mail account & then send e-mail to your friend	-	-
August (20)	Information Technology	Ch-8 Digital documentation Session 1 Start the word Session 2 Editing the document	1) Write the letter using word processor 2) Prepare class time table using a word processor	-	-
September (22)		Half Yearly Exams		-	-
October (17)	Information Technology	Contd. Ch-8 Digital documentation Session 3 Formatting the document Session 4 Create & use table Session 5 Printing the document Session 6 Printing the letter using mail merge Part A: Ch-4 Entrepreneurship & business Session 1 Entrepreneurship & business Session 2 Business activities	Design the poster using different features i.e. word art, text box, insert shape etc.	-	-

November (17)	Information Technology	Part B: Ch- 9 Electronic spreadsheet Session 1 Introduction to spreadsheet Session 2 Enter & Edit text in spreadsheet Session 3 Formatting data in spreadsheet Session 4 Types of charts in calc	Create a spreadsheet for employee salary & calculate DA, Net salary & max & min net salary	-	-
December (23)	Information Technology	Part A: Ch- 5 Green skills 1 Session 1 Society & environment Session 2 Green economy & Green skills Part B: Ch-10 Digital Presentation & its quality Session 2 Creating a presentation Session 3 Work with slides Session 4 Formatting text in presentation Session 5 Insert & format images in presentation	Create a PPT	-	-
January (19)	Information Technology			P.T.- 3	-
Subject –Art & Craft					
April (14)	No Book	Monochromatic colour textures Light, shade shadow, Still life study, Still life with pencil colours, Still life with colour	Make a photo frame with best out of west	-	-
May (12)	No Book	Nature study , Rendering of different leaves, Animal study	Card making for Mother’s day	-	-
July (21)	No Book	Landscape – 1) Village Scene 2) Hill Station 3) City Scene	Jut wall hanging	-	-
August (20)	No Book	Poster 1) Save water save earth (2) Save environment save earth (3) Clean India Green India (4) Stop child labour	Make a rakhi and decorate it with waste material	-	-
October (17)	No Book	Composition 1) Balloon man with colours 2) Bhangra dance (3) Dancing girl	Cotton buds craft	-	-
November (17)	No Book	1) Study of human (2) Human characters 3) Portrait sketch	Best out of waste Diwali decoration	-	-
December (23)	No Book	1) Mosaic Art (2) Folk Art (3) Warli Art	Make a new year greeting card	-	-
January (19)	No Book	1) Mehendi design (2) Rangoli (3) Nail Art	Make a Decorated pot	-	-
February (20)	No Book	Cartoons - (1) Human Characters (2) Birds 3) Animals	Waste news paper activity	-	-