



JKG International School (2023-24)

Annual Planner

Grade - 9

Math



Month	Chapters	No of periods	Activity
March No. of working days: 3days No of periods: 3-4	Recapitulation Ch-1 Number system	3	➤ Crossword Puzzle for Mathematical expression.
April No. of working days: 17days No of periods: 24	Ch-1 Number system (contd..) Ch-2 Polynomials Ch-3 Co-ordinate Geometry	<div style="text-align: center;">8</div> <div style="text-align: center;">10</div> <div style="text-align: center;">5</div>	➤ To make square root spiral. ➤ Model-Platonic Solid (SE-1) ➤ To interpret geometrically the factors of a quadratic expression. ➤ To obtain mirror image of figures with respect to a given line.
May No. of working days: 23 days No of periods: 31-32	Ch-4 Linear Equations in two variables Ch-6 Lines and Angles	<div style="text-align: center;">10</div> <div style="text-align: center;">14</div> <div style="text-align: center;">6</div>	➤ Use paper folding activities to find : <ul style="list-style-type: none"> • Mid-point of a line segment • The perpendicular bisector of a line segment • The bisector of an angle • The perpendicular to a line from a point given outside it. • The median of a triangle. ➤ Model: Make platonic Solids through nets. (SE1)
June No. of working days: No of periods:	Summer Vacations	3	
July No. of working days: 3 days No of periods: 3	Revision UT1	3	

August No. of working days: 21days No of periods: 29	Ch-7 Triangles Ch-12 Heron's Formula	15 8	<ul style="list-style-type: none"> ➤ To verify the mid-point theorem for a triangle. ➤ To verify the sum of either pair of opposite sides of a cyclic quadrilateral is 180°.
September No. of working days:	Revision Half Yearly Examination		
October No. of working days: 18 No of periods: 25	Ch-8 Quadrilaterals Ch-14 Statistics	12 8	<ul style="list-style-type: none"> ➤ To verify that the angle subtended by an arc at the centre of a circle is twice the angle subtended by the same arc at any other point on remaining part of the circle. (SE2) ➤ To find the formula for the curved surface area of a right circular cone.
November No. of working days: 18 days No of periods: 25	Ch-10 Circles Ch-13 Surface Area And Volume	12 12	<ul style="list-style-type: none"> ➤ Model: GEOBOARD to perform : <ul style="list-style-type: none"> • Area of any Triangle. • Area of a polygon • Obtain a square with a given side. • Make different polygons of the given area.
December No. of working days: 12 No of periods: 15	Ch-13 Surface Area And Volume Ch- 5 Euclid's Geometry	8 3	
January No. of working days:	Revision		
February No. of working days:			

ENGLISH

MONTH		CHAPTERS	PERIODS	
March No. of teaching days:4 Periods - 4	Grammar	Determiners	4	
April No. of teaching days: 19 Periods - 22	Beehive Beehive Beehive Moments Writing	Ch.1-The fun they had Ch.2-The sound of music (Part 1&2) Poem- The road not taken Ch.1-The lost child Diary Entry	4 7 3 3 2	Debate: Are today's schools better than the schools in the chapter 'The fun they had'
MAY No. of teaching days: 20 Periods 24	Beehive Moments Moments Beehive Beehive Grammar Writing	Ch.3-The little girl Ch.2- The adventures of Toto Ch.3- Iswaran the storyteller Poem- Rain on the roof Poem-Wind Modals Editing Descriptive Paragraph (Person)	4 4 4 3 3 2 2 2	Story telling: An outline of the story will be given to one student and it will be carried forward by other students
JULY No. of teaching days: 13/5 Periods: 15	Writing Moments	REVISION for UT-1 Story writing Ch.4 – In the kingdom of fools	 2 3	
AUGUST No. of teaching days: 22 Periods: 26	Beehive Beehive Beehive Beehive Moments Grammar	Ch.4 – A truly beautiful mind Poem- the lake Isle of Innisfree Ch.5-The snake and the mirror Poem-A legend of the Northland Poem- No men are foreign Reporting speech	4 3 5 4 3 4	Write /Discuss five sentences on 'How helping others can make you a better person?

	Writing	Descriptive Paragraph (Place)	2	
SEPTEMBER No. of working days: 10 Periods: 13	Beehive	Poem-On killing a tree ASL Revision for Term 1	2 4	ASL
OCTOBER No. of teaching days: 18 Periods -21	Beehive Beehive Beehive Moments	Ch.6- My childhood Ch.8- Reach for the top Poem A Snake Trying Ch.5-The happy prince	5 7 3 4	Students will be asked to speak on the topic: 'Have you ever helped your classmate or friend in bad times?
NOVEMBER No. of working days: 18 Periods- 21	Beehive Moments Moments Writing	Ch.10- Kathmandu Ch. 7-The last leaf Ch.8- A house is not a home Descriptive Paragraph (Event)	4 4 5 2	Students will be asked to discuss the summary of any book that they have read.
DECEMBER No. of working days: 14 Periods- 16	Beehive Beehive Moments	Ch.11-If I were you Poem- A slumber did my spirit seal Ch.10-The Beggar Revision	5 2 5	Students will be asked to enact the play 'If I were you'
January No. of working days: 19 Periods- 22		ASL Revision		

HINDI

Month	Book	Chapters	No. of Periods	Activity
March Teaching Periods-4	अपठित बोध	गद्यांश पद्यांश	2 2	
April Teaching Periods-17	क्षितिज व्याकरण रचनात्मक लेखन	पाठ 1- दो बैलों की कथा पाठ 9- सखियाँ व सबद उपसर्ग, प्रत्यय, समास पत्र लेखन	5 4 5 2	
May Teaching Periods-23	क्षितिज कृतिका व्याकरण रचनात्मक लेखन	पाठ 2- ल्हासा की ओर पाठ 3- उपभोक्तावाद की संस्कृति पाठ 1- इस जल प्रलय में अर्थ के आधार पर वाक्य अलंकार अनुच्छेद लेखन	5 5 3 2 2 4 2	
June Teaching Periods 0		ग्रीष्मावकाश		
July Teaching Periods-11	रचनात्मक लेखन पुनरावृत्ति	सूचना लेखन अभ्यास प्रश्न	2 9	
August	क्षितिज	पाठ 10- वाख	4	

Teaching Periods-21	कृतिका रचनात्मक लेखन	पाठ 11- सवैये पाठ 2- मेरे संग की औरतें पाठ 3- रीढ़ की हड्डी ई मेल लेखन	5 5 5 2	
September Teaching Periods	पुनरावृत्ति	अभ्यास प्रश्न		
October Teaching Periods-18	क्षितिज रचनात्मक लेखन	पाठ 4- साँवले सपनों की याद पाठ 13- ग्राम श्री पाठ 12- कैदी और कोकिला लघुकथा लेखन	5 5 5 2	
November Teaching Periods-18	क्षितिज रचनात्मक लेखन	पाठ 6- प्रेमचंद के फटे जूते पाठ 7- मेरे बचपन के दिन पाठ 15- मेघ आए संवाद लेखन	5 5 5 2	
December Teaching periods-12	पुनरावृत्ति	अभ्यास प्रश्न	19	
January Teaching Periods-17	पुनरावृत्ति	अभ्यास प्रश्न	21	

SOCIAL SCIENCE

Month	Book	Chapters	Periods	Activity
March No. of working days: 4 (6 pds)	Geography	Recapitulation of the previous class Chapter-1 India Size and Location	1 5	*Game Crossword on State and capital. * Indian states with capitals, Tropic of Cancer, Standard Meridian, Southern Most, Northern Most, Eastern most & western most point of India.(Locating & Labeling on the Indian Political Map)
April No. of working days: 17 (24 pds)	History Geography Political Science Political science	Chapter-1 French Revolution Chapter-2 Physical Features Of India Chapter -1. What is Democracy? Why Democracy? Chapter 2- Constitutional Design.	6 6 6 5	<ul style="list-style-type: none"> Outline map of France (for locating and labeling) Bordeaux, Nantes, Paris, Marseilles On a political map of India make the exact position of the following places with the help of their longitude and latitude: (i) Delhi (ii) Calcutta (iii) Mumbai (iv) Chennai (v) lucknow (vi) Patna (vii) Hyderabad (viii) Itanagar (ix) Dispur (x)Panaji Debate on Democracy Good or Bad Posters- (i) River Pollution (ii) Depletion Of Forest and Ecological Imbalance. <p style="text-align: center;">Make a project on –The Preamble of the Constitution of India.</p>
May No. of working day 23 (IX-XII) (30 pds)	Economics History Geography History	Chapter-1 The Story of Village Palampur Chapter-2 Socialism in Europe & Russian Revolution Chapter-3 Drainage Chapter 4- Forest society and colonialism.	5 8 6 7	<ul style="list-style-type: none"> Comparative Study between French Revolution and Socialism in Europe. Map work : Students will mark the location of important rivers and lakes in India. (Godavari, satluj, tapi, sambar, chilika).

July No of working days 11 (5pds)	Economics	Chapter 2 People as Resource	4	
August No. of working days: 21 (29pds)	Geography	Chapter-4 Climate	6	<p>* Comparative study on climate by visualizing pictures of two extreme locations like Rajasthan and Assam. Following guidelines are:-</p> <p>(i) Rainfall</p> <p>(ii) Temperature</p> <p>(iii) Types of Houses</p> <p>(iv) Clothes.</p> <p>(v) Vegetation</p> <ul style="list-style-type: none"> • Role play on Election Process. • Prepare a Scrap Book (Best Of Waste) : Paper cutting from newspaper or magazines related to analysis on development of Education , Infrastructure and Impact on Employment generation in India. • Mention the main organs of the government and their work. <p>Outline Map of World (For locating and Labeling/ Identification)</p> <p>Major countries of Second World War</p> <p>Axis Powers- Germany, Italy & Japan</p> <p>Allied Powers- UK, France & Former USSR</p>
	Political Science	Chapter 4- Electoral politics	7	
	Economics	Chapter 3- Poverty as a Challenge	5	
	History	Chapter-3 Nazism and rise of Hitler.	7	
September No. of working days: 10		Revision		
October No. of working days: 18 (25pds)	Economics	Chapter 4- Food Security in India.	6	<ul style="list-style-type: none"> • Prepare a questionnaire and collect information from your parents or elders related to the Democratic rights which they get and how those rights are useful to make our country a democratic.
	Political Science	Chapter-5 Working of Institutions	7	

	History	Ch-5 pastoralists in the modern world.	7	Discuss the Impact of unemployment on the society <ul style="list-style-type: none"> Group Discussion on the Topic " Girl child needs to be protected" <p>Group A: Problems Group B: How to Protect? Group C: Data Analysis.</p>
November No. of working days: 18 (25pds)	Geography	Chapter-5 Natural Vegetation and Wildlife	6	<ul style="list-style-type: none"> Collect and Paste 5 medicinal plants and write the medicinal importance of each. Do you think the provision for untouchability is fair? Collect some historical data to find out how untouchability was a shame for India's past. Have you read any such incident in the newspaper? Find and prepare a report.
	Pol science	Chapter -5 Democratic Rights	6	
	Geography	Chapter-6 population	6	
December No. of working days: 4 (6pds)	Geography	Chapter-6 population (continuation).	5	
January No. of working days: 18		Revision		
February No. of working days: 18		Revision		

Note:-

History- India and the Contemporary World-I (NCERT)

Geography- Contemporary India-I (NCERT)

Political science- Democratic Politics-I (NCERT)

Economics- Economics (NCERT)

Reference Books:- Exam Idea(VK Publisher)

Together With by Namrata Singh

SCIENCE

Month	Book	Chapters	Periods	Activity
March No. of working days: 04 (6 periods)	NCERT	CH-5 THE FUNDAMENTAL UNIT OF LIFE (BIO) CH-1 MATTER IN OUR SURROUNDINGS (CHEM) CH-07 MOTION (RECAP)-PHY	B- 2 C-2 P-2	Activity related to diffusion using potassium permanganate. Activity related to osmosis by soaking raisins in pure water, hypotonic and hypertonic .solution
APRIL No. of working Days 23	NCERT	CHAPTER-5 FUNDAMENTAL UNIT OF LIFE. (BIO) CHAPTER-1 MATTER IN OUR SURROUNDINGS (CHEM) CH-07 MOTION (PHY)	B-10 C-7 P-8	To prepare stained temporary mounts of a) Onion peel B) Human cheek cells To record observations and draw their labeled diagrams Determination of melting point and boiling point of water.
May No. of working Days 23	NCERT	Chapter – 6 TISSUES (BIO) Chapter -2 IS MATTER AROUND US PURE (CHEM) CH-08 FORCE AND LAWS OF MOTION (PHY)	B- 14 C- 9 P-9	To prepare a true solution of common salt, sugar and alum. To prepare suspensions of soil, chalk powder and fine sand in water. To prepare colloids of starch in water and egg albumen or milk in water. To distinguish between true solution, suspension and colloid on the basis of transparency, filtration and stability.
June No. of working days: 0	NCERT	Summer Break		

July No. of Working days:11	NCERT	Revision for UT- 1 Chapter-6 TISSUES (BIO) CHAPTER 2 Is matter around us pure? (CHEM) Revision	B- 2 C-1 P-1	
August No. of working days: 21	NCERT NCERT	Chapter – 15 IMPROVEMENT IN FOOD RESOURCES. (BIO) Chapter-3 ATOMS AND MOLECULES (CHEM) CH-09 GRAVITATION (PHY)	B-12 C- 9 P-9	Verification of law of conservation of mass To identify parenchyma, collenchyma and sclerenchyma tissues in plants and striped, smooth and cardiac muscle fibers and nerve cells from permanent slides.
September No. of working days: 10		Revision for Half yearly		
October No. of working days: 18	NCERT	Ch-15 IMPROVEMENT IN FOOD RESOURCES (BIO) CH- 3 ATOMS AND MOLECULES (CHEM) CH-10 WORK AND ENERGY(PHY)	B-11 C-7 P-8	To prepare a mixture and a compound using iron fillings and Sulphur powder and distinguish between them on the basis of its: i appearance ii. Behavior towards magnet iii behavior towards carbon disulphide as a solvent iv effect of heat PHYSICS (1 PRD) 1)Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder
November No. of working days: 18	NCERT	Chapter 3 IMPROVEMENT IN FOOD RESOURCES.t CHAPTER-4 STRUCTURE OF AN ATOM.	B-11 C-7	Perform the following reactions and classify them as physical or chemical changes i. Iron with copper sulphate solution in water ii. Burning of magnesium ribbon in air iii. Zinc with dilute sulphuric acid iv. Heating of copper sulphate crystals

		CH-11 SOUND (PHY)	P-7	v. Sodium sulphate with barium chloride in the form of their solutions in water PHYSICS (1 PRD) 2) Establishing a relation between the loss in weight of solid when fully immersed in a) Tap water b) strongly salty water with weight of water displaced by it by taking at least two different solids.
December No. of working days: 03	NCERT	Ch-4 Natural Resources Ch-4 Structure of atom Revision	B-7 C-5	PHYSICS (1 PRD) Verification of law of reflection of sound Determination of the speed of a pulse propagated through a stretched string/ slinky (helical spring)
January No. of working days: 17		Revision		
February		Revision		

Information Technology

Month	Book	Chapters	Periods	Activity
March No. of working days: 04 (02 periods)	Sumita Arora	Overview of the previous class PART B Unit 1 Introduction to IT-ITeS Industry	01	
April No. of working days: 17 (10 periods)	Sumita Arora	PART B Unit 1 Introduction to IT-ITeS Industry	08	Make a list of e-government services that are provided by other countries.
May No. of working days: 23 (20 periods)	Sumita Arora	PART B Unit 2 Data Entry and Keyboarding Skills	18	Create your own course and lessons for your self-paced learning.
July No. of working days: 03 (02 periods)	Sumita Arora	PART B Unit 3 Digital Documentation	01	
August No. of working days: 21 (12 periods)	Sumita Arora	PART B Unit 3 Digital Documentation	10	Mountainview Holiday Cottages stores information about its customers on the computer system. The business wishes to send a personalized letter to all its customers who live in the town of Shimla. a) Which application software is the business likely to use to store the customer information? b) Explain how the business could produce the list of customers. c) Explain how the business could use mail merge to produce the letters.
September	Revision for Half Yearly			
October No. of working days: 18 (11 periods)	Sumita Arora	PART B Unit 4 Electronic Spreadsheet	09	Generate the Cale document with your all marks in six different subjects. Make total of the marks. Find out average and percentage from the data.
November No. of working days: 18 (11 periods)	Sumita Arora	PART B Unit 5 Digital Presentation Part A Unit 1 Communication Skills	05 04	Carefully observe in your school's current floor. What types of communications are taking place? Make a list of these. Identify the sender, receivers and messages in each type of communication.
December 12 (07 periods)	Sumita Arora	Part A Unit 2 Self-Management Skills Unit 3 Basic of ICT Skills	02 04	Prepare a strengths-and-weaknesses list for yourself.
January 17 (10 periods)	Sumita Arora	Part A Unit 4 Entrepreneurial Skills Unit 5 Green Skills	08	In the social circle of your parents and grandparents, try to find people who have started their entrepreneurial journeys. Meet them in person and discuss how they decided to be entrepreneurs. What challenges they faced? What rewards do they feel about being entrepreneurs?

PART A: Employability Skills

PART B: Vocational Skills