



# JKG International School (2023-24)

## Annual Planner

### Grade - 9

### Math



Month	Chapters	No of periods	Activity
<b>March</b> No. of working days: 3days No of periods: 3-4	<b>Recapitulation</b> <b>Ch-1 Number system</b>	<b>3</b>	➤ Crossword Puzzle for Mathematical expression.
<b>April</b> No. of working days:17days No of periods: 24	<b>Ch-1 Number system (contd..)</b> <b>Ch-2 Polynomials</b> <b>Ch-3 Co-ordinate Geometry</b>	<b>8</b>  <b>10</b>  <b>5</b>	➤ 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.
<b>May</b> No. of working days: 23 days No of periods: 31-32	<b>Ch-4 Linear Equations in two variables</b> <b>Ch-6 Lines and Angles</b>	<b>10</b>  <b>14</b>  <b>6</b>	➤ Use paper folding activities to find : <ul style="list-style-type: none"> <li>• Mid-point of a line segment</li> <li>• The perpendicular bisector of a line segment</li> <li>• The bisector of an angle</li> <li>• The perpendicular to a line from a point given outside it.</li> <li>• The median of a triangle.</li> </ul> ➤ <b>Model:</b> Make platonic Solids through nets. (SE1)
<b>June</b> No. of working days: No of periods:	<b>Summer Vacations</b>	<b>3</b>	
<b>July</b> No. of working days: 3 days No of periods: 3	<b>Revision UT1</b>	<b>3</b>	

<p><b>August</b> No. of working days: <b>21days</b> No of periods: 29</p>	<p><b>Ch-7 Triangles</b> <b>Ch-12 Heron's Formula</b></p>	<p><b>15</b> <b>8</b></p>	<ul style="list-style-type: none"> <li>➤ To verify the mid-point theorem for a triangle.</li> <li>➤ To verify the sum of either pair of opposite sides of a cyclic quadrilateral is <math>180^\circ</math>.</li> </ul>
<p><b>September</b> No. of working days:</p>	<p><b>Revision</b> <b>Half Yearly Examination</b></p>		
<p><b>October</b> No. of working days: 18 No of periods: 25</p>	<p><b>Ch-8 Quadrilaterals</b> <b>Ch-14 Statistics</b></p>	<p><b>12</b> <b>8</b></p>	<ul style="list-style-type: none"> <li>➤ 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)</li> <li>➤ To find the formula for the curved surface area of a right circular cone.</li> </ul>
<p><b>November</b> No. of working days: 18 days No of periods: 25</p>	<p><b>Ch-10 Circles</b> <b>Ch-13 Surface Area And Volume</b></p>	<p><b>12</b> <b>12</b></p>	<ul style="list-style-type: none"> <li>➤ Model: GEOBOARD to perform : <ul style="list-style-type: none"> <li>• Area of any Triangle.</li> <li>• Area of a polygon</li> <li>• Obtain a square with a given side.</li> <li>• Make different polygons of the given area.</li> </ul> </li> </ul>
<p><b>December</b> No. of working days: 12 No of periods: 15</p>	<p><b>Ch-13 Surface Area And Volume</b> <b>Ch- 5 Euclid's Geometry</b></p>	<p><b>8</b> <b>3</b></p>	
<p><b>January</b> No. of working days:</p>	<p><b>Revision</b></p>		
<p><b>February</b> No. of working days:</p>			

## ENGLISH

MONTH		CHAPTERS	PERIODS	
<b>March</b> <b>No. of teaching days:4</b> <b>Periods - 4</b>	Grammar	Determiners	4	
<b>April</b> <b>No. of teaching days: 19</b> <b>Periods - 22</b>	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	<b>Debate: Are today's schools better than the schools in the chapter 'The fun they had'</b>
<b>MAY</b> <b>No. of teaching days: 20</b>  <b>Periods 24</b>	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	<b>Story telling: An outline of the story will be given to one student and it will be carried forward by other students</b>
<b>JULY</b> <b>No. of teaching days: 13/5</b> <b>Periods: 15</b>	Writing Moments	<b>REVISION for UT-1</b> Story writing Ch.4 – In the kingdom of fools	2 3	
<b>AUGUST</b> <b>No. of teaching days: 22</b> <b>Periods: 26</b>	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	<b>Write /Discuss five sentences on 'How helping others can make you a better person?'</b>

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

# 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 फ़टे 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
<b>March</b> <b>No. of working days: 4</b> <b>(6 pds)</b>	<b>Geography</b>	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)
<b>April</b> <b>No. of working days: 17</b> <b>(24 pds)</b>	<b>History</b>  <b>Geography</b>  <b>Political Science</b>  <b>Political science</b>	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"> <li>• Outline map of France (for locating and labeling) Bordeaux, Nantes, Paris, Marseilles</li> <li>• 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</li> <li>• Debate on Democracy Good or Bad</li> <li>• Posters- (i) River Pollution (ii) Depletion Of Forest and Ecological Imbalance. Make a project on –The Preamble of the Constitution of India.</li> </ul>
<b>May</b> <b>No. of working day</b> <b>23 (IX-XII)</b> <b>(30 pds)</b>	<b>Economics</b>  <b>History</b>  <b>Geography</b>  <b>History</b>	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"> <li>• Comparative Study between French Revolution and Socialism in Europe.</li> <li>• Map work : Students will mark the location of important rivers and lakes in India. (Godavari, satluj, tapi, sambar, chilika).</li> </ul>

<b>July No of working days 11 (5pds)</b>	<b>Economics</b>	Chapter 2 People as Resource	4	
<b>August No. of working days: 21 (29pds)</b>	<b>Geography</b>	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 (ii) Temperature (iii) Types of Houses (iv) Clothes. (v) Vegetation</p> <ul style="list-style-type: none"> <li>• Role play on Election Process.</li> <li>• 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.</li> <li>• Mention the main organs of the government and their work.</li> </ul> <p>Outline Map of World (For locating and Labeling/ Identification)</p> <p>Major countries of Second World War Axis Powers- Germany, Italy &amp; Japan Allied Powers- UK, France &amp; Former USSR</p>
	<b>Political Science</b>	Chapter 4- Electoral politics	7	
	<b>Economics</b>	Chapter 3- Poverty as a Challenge	5	
	<b>History</b>	Chapter-3 Nazism and rise of Hitler.	7	
<b>September No. of working days: 10</b>		Revision		
<b>October No. of working days: 18 (25pds)</b>	<b>Economics</b>	Chapter 4- Food Security in India.	6	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
	<b>Political Science</b>	Chapter-5 Working of Institutions	7	

	<b>History</b>	Ch-5 pastoralists in the modern world.	7	Discuss the Impact of unemployment on the society <ul style="list-style-type: none"> <li>Group Discussion on the Topic " Girl child needs to be protected"</li> </ul> <p style="text-align: center;">Group A: Problems Group B: How to Protect? Group C: Data Analysis.</p>
<b>November No. of working days: 18 (25pds)</b>	<b>Geography</b>	Chapter-5 Natural Vegetation and Wildlife	6	<ul style="list-style-type: none"> <li>Collect and Paste 5 medicinal plants and write the medicinal importance of each.</li> <li>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.</li> </ul>
	<b>Pol science</b>	Chapter -5 Democratic Rights	6	
	<b>Geography</b>	Chapter-6 population	6	
<b>December No. of working days: 4 (6pds)</b>	<b>Geography</b>	Chapter-6 population (continuation).	5	
<b>January No. of working days: 18</b>		Revision		
<b>February No. of working days: 18</b>		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
<b>March</b> <b>No. of working days:</b> <b>04</b> <b>(6 periods)</b>	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
<b>APRIL</b> <b>No. of working Days</b> <b>23</b>	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.
<b>May</b> <b>No. of working Days</b> <b>23</b>	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.
<b>June</b> <b>No. of working days:</b> <b>0</b>	NCERT	Summer Break		

<b>July No. of Working days:11</b>	NCERT	Revision for UT- 1 Chapter-6 TISSUES (BIO) CHAPTER 2 Is matter around us pure? (CHEM) Revision	B- 2 C-1 P-1	
<b>August No. of working days: 21</b>	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.
<b>September No. of working days: 10</b>		Revision for Half yearly		
<b>October No. of working days: 18</b>	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
<b>November No. of working days: 18</b>	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.
<b>December No. of working days: 03</b>	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)
<b>January No. of working days: 17</b>		Revision		
<b>February</b>		Revision		

## Information Technology

Month	Book	Chapters	Periods	Activity
<b>March</b> No. of working days: 04 (02 periods)	Sumita Arora	Overview of the previous class <b>PART B</b> Unit 1 Introduction to IT-ITeS Industry	01	
<b>April</b> No. of working days: 17 (10 periods)	Sumita Arora	<b>PART B</b> Unit 1 Introduction to IT-ITeS Industry	08	Make a list of e-government services that are provided by other countries.
<b>May</b> No. of working days: 23 (20 periods)	Sumita Arora	<b>PART B</b> Unit 2 Data Entry and Keyboarding Skills	18	Create your own course and lessons for your self-paced learning.
<b>July</b> No. of working days: 03 (02 periods)	Sumita Arora	<b>PART B</b> Unit 3 Digital Documentation	01	
<b>August</b> No. of working days: 21 (12 periods)	Sumita Arora	<b>PART B</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.
<b>September</b>	<b>Revision for Half Yearly</b>			
<b>October</b> No. of working days: 18 (11 periods)	Sumita Arora	<b>PART B</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.
<b>November</b> No. of working days: 18 (11 periods)	Sumita Arora	<b>PART B</b> Unit 5 Digital Presentation <b>Part A</b> 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.
<b>December</b> 12 (07 periods)	Sumita Arora	<b>Part A</b> Unit 2 Self-Management Skills Unit 3 Basic of ICT Skills	02  04	Prepare a strengths-and-weaknesses list for yourself.
<b>January</b> 17 (10 periods)	Sumita Arora	<b>Part A</b> 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**