

Delhi Public School Srinagar

**CLASS 9TH**

**Syllabus**

**2020**



**SYLLABUS BREAKUP****CLASS 9th****SESSION – 2020****English****Class : 9th                      English Language and Literature**

**NOTE: Chapter 1-chapter 5 from “Moments (Supplementary reader)”to be given as Home assignment during Winter vacations 2020.The same would be evaluated as Subject Enrichment(written work)and Multiple assessment(oral test) 5 marks each, for the Pre Mid term examination.**

**FEBRUARY**

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
Writing and Grammar :Descriptive paragraph(person,place,event)Diary Entry, determiners		0	12
<b>3rd WEEK</b>	Descriptive paragraph(person, place, event)-explanation and examples		
<b>4<sup>TH</sup> WEEK</b>	Diary writing-explanation with one sample, determiners-explanation with one worksheet		

**MARCH**

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>Beehive:</b> The Fun They Had, The Road Not Taken, The Sound of Music I & II ,Wind, Rain on the Roof Grammar: concord, prepositions			23
<b>1<sup>ST</sup>WEEK</b>	Sub –Verb Concord- explanation of rules with examples, two worksheets		
<b>2<sup>ND</sup> WEEK</b>	The Fun they Had, The Road not Taken		
<b>3<sup>RD</sup> WEEK</b>	The sound of the music, wind,		
<b>4<sup>TH</sup> WEEK</b>	Rain on the Roof, Preposition-types, examples and one worksheets		

**APRIL**

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>Beehive:</b> The Little Girl, A truly beautiful mind, The Lake Isle of Innisfree , The snake and the Mirror Article writing, Clauses		0	22
<b>1<sup>ST</sup> WEEK</b>	Article writing-Explanation,one sample in class and one as HW		
<b>2<sup>ND</sup></b>	The Little Girl, A truly beautiful mind		

<b>WEEK</b>	
<b>3<sup>RD</sup> WEEK</b>	The Lake Isle of Innisfree , The snake and the mirror
<b>4<sup>TH</sup> WEEK</b>	Clauses-noun, adverb, relative-explanation with exercises and one worksheet

## MAY

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Beehive: A Legend of the Northland, My Childhood, No men are Foreign, Packing Tenses, Gap filling, sentence reordering/transformation	0	21
<b>1<sup>ST</sup> WEEK</b>	A Legend of the Northland	
<b>2<sup>ND</sup> WEEK</b>	Tenses-types, sub-types, examples, exercises and min two worksheets	
<b>3<sup>RD</sup> WEEK</b>	Packing, Gap filling(to test prepositions, articles, conjunctions and tenses)	
<b>4<sup>TH</sup> WEEK</b>	No men are Foreign, My Childhood, Sentence reordering/transformation-5 exercises	

## JUNE

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Beehive:The duck and the kangaroo Reach for the top (1 &2) On Killing a tree,The snake trying Short story writing Weathering the storm in Ersama	0	12
<b>1<sup>ST</sup>WEEK</b>	The duck and the kangaroo, On killing a tree	
<b>2<sup>ND</sup> WEEK</b>	Reach for the top part 1 and 2,The snake Trying	
<b>3<sup>RD</sup> WEEK</b>	Story writing-format, explanation and one guided sample in class	
<b>4<sup>TH</sup> WEEK</b>	Story writing cont'd	

## JULY

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
	0	22
<b>1<sup>st</sup> WEEK to 5<sup>TH</sup> WEEK</b>	Exams /summer vacations.	

## AUGUST

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
a) Beehive: Kathmandu, The bond of Love, A Slumber Did My Spirit Seal, Use of Passive voice	0	23

b) Moments: A house is not Home , The Last Leaf		
c) Use of passive voice, editing- omission		
<b>1<sup>st</sup> WEEK</b>	Kathmandu, The bond of Love	
<b>2<sup>ND</sup> WEEK</b>	Use of Passive voice-explanation, rules, examples	
<b>3<sup>RD</sup> WEEK</b>	Exercises based on passivization, two worksheets	
<b>4<sup>TH</sup> WEEK</b>	A Slumber Did My Spirit Seal, editing omission-5 exercises	

## SEPTEMBER

TOPICS / CHAPTERS	WEIGHT- AGE	TEACHING PERIODS
If I were You, Modals,Reporting Moments: The Accidental Tourist, TheBeggard	0	22
<b>1<sup>st</sup> WEEK</b>	If I were you- characters of the play to be discussed in detail along with the explanation	
<b>2<sup>ND</sup> WEEK</b>	Modals-explanation with exercises, one worksheet	
<b>3<sup>RD</sup> WEEK</b>	Modals cont'd	
<b>4<sup>TH</sup> WEEK</b>	Reporting-commands and requests, statements, questions-explanation with examples and worksheets(min two)	
<b>5<sup>TH</sup> WEEK</b>	Reporting cont'd	

## OCTOBER (class X topics to be taught)

TOPICS / CHAPTERS	WEIGHT- AGE	TEACHING PERIODS
Formal letter(complaint/inquiry/placing order/letter to editor) Determiners	--	12
<b>1<sup>st</sup> WEEK</b> - Introduction to Letter writing		
<b>2<sup>ND</sup> WEEK</b>	Formal letter-Complaint, inquiry( one sample each), Tenses-types, sub-types, examples and two worksheets.	
<b>3<sup>RD</sup> WEEK</b>	Formal letter- placing order, letter to editor(one sample each), contd.... Tenses-types, sub-types, examples and two worksheets.	
<b>4<sup>TH</sup> WEEK</b>	Determiners-explanation of types with exercises(min 2 worksheets)	

## NOVEMBER

TOPICS / CHAPTERS	WEIGHT- AGE	TEACHING PERIODS
1. <b>First Flight</b> a. A Letter to God b. Dust of Snow c. Fire and Ice d. Nelson Mandela A Long	--	23

Walk to Freedom 2. <b>Footprints Without feet</b> a. A Triumph of Surgery b. The Thief's story 3. Tenses, Clauses			
<b>1<sup>ST</sup>WEEK</b>	A letter to God/ Dust of Snow		
<b>2<sup>ND</sup>WEEK</b>	Fire and Ice/The Thief's story, Nelson Mandela Along walk to Freedom/Clauses-introduction		
<b>3<sup>RD</sup>WEEK</b>	A Triumph of Surgery/Clauses(noun, adverb, relative-explanation with one exercise each)		
<b>4<sup>TH</sup>WEEK</b>	Revision/ Final Term Exams		

## DECEMBER

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
		--	
<b>1<sup>ST</sup>WEEK</b>	EXAMS		
<b>2<sup>ND</sup>WEEK</b>	EXAMS		
<b>3<sup>ND</sup>WEEK</b>	EXAMS		

# Mathematics

## FEBRUARY

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>Number system</b>		0	
<b>4th WEEK</b>	1. Review of representation of natural numbers, integers, rational numbers on the number line. Representation of terminating / non-terminating recurring decimals on the number line through successive magnification. Rational numbers as recurring/ terminating decimals. Operations on real numbers. 2. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as $\sqrt{2}$ , and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number.		
<b>5th WEEK</b>	3. Definition of nth root of a real number. 4. Rationalization (with precise meaning) of real numbers of the type $\frac{1}{a+b\sqrt{x}}$ and $\frac{1}{\sqrt{x}+\sqrt{y}}$ (and their combinations) where x and y are natural number and a and b are integers. 5. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.)		

## MARCH

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>ALGEBRA : Polynomials, Coordinate Geometry,</b>		0	
<b>2<sup>ND</sup> WEEK</b>	Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. Factors and multiples. Zeros of a polynomial. Motivate and State the Remainder Theorem with examples. Statement and proof of the Factor Theorem.		
<b>3<sup>RD</sup> WEEK</b>	Recall of algebraic expressions and identities. Verification of identities and their use in factorization of polynomials.		
<b>4<sup>TH</sup> WEEK</b>	algebraic expressions and identities (continue) The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations, plotting points in the plane.		
<b>5<sup>TH</sup> WEEK</b>	Coordinate Geometry (continue).		

## APRIL

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>ALGEBRA (linear equations in two variables)</b> <b>GEOMETRY : Lines and angles</b>		0	
<b>1<sup>ST</sup> WEEK</b>	Recall of linear equations in one variable. Introduction to the equation in two variables. Focus on linear equations of the type $ax+by+c=0$ . Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real numbers, plotting them and showing that they lie on a line.		
<b>2<sup>ND</sup> WEEK</b>	Graph of linear equations in two variables. Examples, problems from real life, including problems on Ratio and Proportion and with algebraic and graphical solutions being done simultaneously.		
<b>3<sup>RD</sup> WEEK</b>	Some Additional Questions on Linear Equations In two Variables.		
<b>4<sup>TH</sup> WEEK</b>	1. (Motivate) If a ray stands on a line, then the sum of the two adjacent		

	<p>angles so formed is <math>180^\circ</math> and the converse.</p> <p>2. (Prove) If two lines intersect, vertically opposite angles are equal.</p> <p>3. (Motivate) Results on corresponding angles, alternate angles, interior angles when a transversal intersects two parallel lines.</p>
<b>5<sup>TH</sup> WEEK</b>	<p>4. (Motivate) Lines which are parallel to a given line are parallel.</p> <p>5. (Prove) The sum of the angles of a triangle is <math>180^\circ</math>.</p> <p>6. (Motivate) If a side of a triangle is produced, the exterior angle so formed is equal to the sum of the two interior opposite angles.</p>

## MAY

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>GEOMETRY (Triangles, Quadrilaterals)</b>		0	
<b>1<sup>ST</sup> WEEK</b>	<p>1. (Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence).</p> <p>2. (Prove) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence).</p>		
<b>2<sup>ND</sup> WEEK</b>	<p>3. (Motivate) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence).</p> <p>4. (Motivate) Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence)</p>		
<b>3<sup>RD</sup> WEEK</b>	<p>5. (Prove) The angles opposite to equal sides of a triangle are equal.</p> <p>6. (Motivate) The sides opposite to equal angles of a triangle are equal.</p> <p>(Motivate) Triangle inequalities and relation between 'angle and facing side' inequalities in triangles.</p>		
<b>4<sup>TH</sup> WEEK</b>	<p>1. (Prove) The diagonal divides a parallelogram into two congruent triangles.</p> <p>2. (Motivate) In a parallelogram opposite sides are equal, and conversely.</p> <p>3. (Motivate) In a parallelogram opposite angles are equal, and conversely.</p> <p>4. (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal.</p> <p>5. (Motivate) In a parallelogram, the diagonals bisect each other and conversely.</p>		
<b>5<sup>TH</sup> WEEK</b>	<p>6. (Motivate) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and in half of it and (motivate) its converse.</p>		

## JUNE

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>GEOMETRY (Circles)</b>		0	
<b>1<sup>ST</sup> WEEK</b>	<p>Through examples, arrive at definition of circle and related concepts-radius, circumference, diameter, chord, arc, secant, sector, segment, subtended angle.</p> <p>1. (Prove) Equal chords of a circle subtend equal angles at the center and (motivate) its converse.</p> <p>2. (Motivate) The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord.</p> <p>3. (Motivate) There is one and only one circle passing through three given non-collinear points.</p> <p>4. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely.</p>		
<b>2<sup>ND</sup> WEEK</b>	<p>5. (Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the remaining part of the circle.</p> <p>6. (Motivate) Angles in the same segment of a circle are equal.</p> <p>7. (Motivate) If a line segment joining two points subtends equal angle at two</p>		



	other points lying on the same side of the line containing the segment, the four points lie on a circle. 8. (Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is $180^\circ$ and its converse.
<b>3<sup>RD</sup> WEEK</b>	Revision
<b>4<sup>TH</sup> WEEK</b>	Revision
<b>5<sup>TH</sup> WEEK</b>	Revision

## JULY

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>GEOMETRY (Constructions)</b>		0	
<b>1<sup>st</sup> WEEK</b>	Mid Term Examination		
<b>2<sup>ND</sup> WEEK</b>	Mid Term Examination		
<b>3<sup>RD</sup> WEEK</b>	Summer Break		
<b>4<sup>TH</sup> WEEK</b>	Summer Break ,		
<b>5<sup>TH</sup> WEEK</b>	1. Construction of bisectors of line segments and angles of measure $60^\circ$ , $90^\circ$ , $45^\circ$ etc., equilateral triangles.		

## AUGUST

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>Constructions (contd)</b> <b>Statistics And Probability</b>		0	
<b>1<sup>st</sup> WEEK</b>	2. Construction of a triangle given its base, sum/difference of the other two sides and one base angle. 3. Construction of a triangle of given perimeter and base angles.		
<b>2<sup>ND</sup> WEEK</b>	Introduction to Statistics: Collection of data, presentation of data — tabular form, ungrouped /grouped, bar graphs, histograms (with varying base lengths).		
<b>3<sup>RD</sup> WEEK</b>	Frequency polygons. Mean, median and mode of ungrouped data.		
<b>4<sup>TH</sup> WEEK</b>	History, Repeated experiments and observed frequency approach to probability. Focus is on empirical probability.		

## September

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
<b>MENSURATION (SURFACE AREAS AND VOLUMES)</b>		0	
<b>1<sup>st</sup> WEEK</b>	Surface area of cube, cuboids ,Cylinder		
<b>2<sup>ND</sup> WEEK</b>	Surface area of right circular cones and Spheres.		
<b>3<sup>RD</sup> WEEK</b>	Volume of cube, cuboids ,Cylinder, Volume right circular cones and Spheres.		
<b>4<sup>TH</sup> WEEK</b>	Additional Questions		
<b>5<sup>TH</sup> WEEK</b>	Additional Questions		

## October

TOPICS / CHAPTERS (class X topics to be taught)		WEIGHT-AGE	TEACHING PERIODS
<b>Real numbers, Polynomials</b>		0	0
<b>1<sup>ST</sup> WEEK</b>	Introduction to real numbers, Euclid's Division lemma, Fundamental theorem of Arithmetic.		
<b>2<sup>ND</sup> WEEK</b>	Proofs of irrationality of $\sqrt{2}$ , $\sqrt{3}$ , $\sqrt{5}$ ,..... Decimal expansion of rational numbers.		
<b>3<sup>RD</sup> WEEK</b>	Zeroes of a polynomial, Relationship between the zeroes and the coefficients of a polynomial.		
<b>4<sup>TH</sup> WEEK</b>	Problems on division algorithm for polynomials with real coefficients.		
<b>5<sup>TH</sup> WEEK</b>	Additional Questions.		

## November

TOPICS / CHAPTERS(class X topics to be taught)		WEIGHT-AGE	TEACHING PERIODS
Pair of linear equation in two variables		0	0
1 <sup>ST</sup> WEEK	Introduction to Pair of linear equation in two variables. Solution and graph of Pair of linear equation in two variables. Graphical method		
2 <sup>ND</sup> WEEK	Substitution Method and Elimination Method		
3 <sup>RD</sup> WEEK	Cross Multiplication Method and equations reducible to Pair of linear equation in two variables		
4 <sup>TH</sup> WEEK	Revision/ Final Examination (IX)		

## December

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
		0	0
1 <sup>ST</sup> WEEK	Final Examination (IX)		
2 <sup>ND</sup> WEEK	Final Examination (IX)		
3 <sup>RD</sup> WEEK	Final Examination (IX)		

## History/Civics

### FEBRUARY

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
Political science - Chapter : 2 What is Democracy? Why Democracy ? History - Chapter : 1 The French Revolution			
3 <sup>RD</sup> WEEK	What is democracy? French Society During the late Eighteenth Century (History)		
4 <sup>TH</sup> WEEK	Why Democracy (Political Science) French Society During the late Eighteenth Century (History)		

### MARCH

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
Political science - Chapter : 2 What is Democracy ? Why Democracy ? History - Chapter : 1 The French Revolution			
1 <sup>ST</sup> WEEK	Growing Middle Class (History) Features of Democracy (Political Science)		
2 <sup>ND</sup> WEEK	Outbreak of the revolution (History) Broader Meaning of Democracy (Political Science)		
3 <sup>RD</sup> WEEK	Constitutional monarchy (History) Electoral Competition (Political Science)		
4 <sup>TH</sup> WEEK	Reign of Terror (History) Merits and demerits of democracy (Political Science) Activity: Map Work		

### APRIL

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
Chapter 1 : The French Revolution (History) Chapter 2 : What is Democracy? Why Democracy ? (Political Science)		-	
1 <sup>ST</sup> WEEK	France Abolishes Monarchy and Becomes a Republic (History ) Debating Merits of democracy (Political Science)		

2 <sup>ND</sup> WEEK	Did Women Have a Revolution, The Abolition of Slavery (History) Case Study: Pakistan, Mexico (Political Science)
3 <sup>RD</sup> WEEK	The Revolution and Everyday Life (History) Case Study: China, Saudi Arabia (Political Science)
4 <sup>TH</sup> WEEK	Napoleon Rule (History) Case Study: Zimbabwe (Political Science) Activity: Map Work

## MAY

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Chapter : 2- The Russian Revolution (History) Chapter 3 : Constitutional Design (Political Science)	-	
1 <sup>ST</sup> WEEK	Causes of Russian Revolution(History) Why do we need a Constitution? (Political Science)	
2 <sup>ND</sup> WEEK	First World War and the Russian Empire (History) South African Constitution (Political Science)	
3 <sup>RD</sup> WEEK	The February Revolution in Petrograd (History) Making of Indian Constitution (Political Science)	
4 <sup>TH</sup> WEEK	What Changed After October ? (History) Guiding Values of The Indian Constitution (Political Science) Activity: Map Work	

## JUNE

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Chapter : 2- The Russian Revolution (History) Chapter 3 : Constitutional Design (Political Science)	-	
1 <sup>ST</sup> WEEK	Civil War (History) Philosophy of the Constitution, (Political Science)	
2 <sup>ND</sup> WEEK	Stalinism (History) Institutional Design. (Political Science)	
3 <sup>RD</sup> WEEK	The Global Influence of the Russian Revolution and the USSR (History) Features of Indian Constitution (Political Science)	
4 <sup>TH</sup> WEEK	Activity: Map Work	

## JULY: MID-TERM EXAMINATION

## AUGUST

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Chapter 4: Electoral Politics (Political Science) Chapter 3 : Nazism and Rise of Hitler (History)	-	
1 <sup>st</sup> WEEK	Birth of the Weimar Republic (History) Why Elections? (Political Science)	
2 <sup>ND</sup> WEEK	Hitler's Rise to Power (History) What is System of Our Elections ? (Political Science)	
3 <sup>RD</sup> WEEK	The Nazi Worldview (History) What is Our System of Elections ? (Political Science)	
4 <sup>th</sup> WEEK	Youth In Nazi Germany (History) What makes Elections in India Democratic ? (Political Science) Activity: Map Work	

## SEPTEMBER

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Chapter 5: Working of institutions (Political	-	

Science) Chapter 3 : Forest , Society and colonialism(History)		
1 <sup>st</sup> WEEK	Causes of Deforestation (History) How is a Major Policy Decision Taken? (Political Science)	
2 <sup>ND</sup> WEEK	Forest laws and its impact (History) Powers and position of Parliament (Political Science)	
3 <sup>RD</sup> WEEK	Rebellion in Forests (History) Powers and position of Executive (Political Science)	
4 <sup>th</sup> WEEK	Deforestation in Java, Indonesia (History) Powers and position of Judiciary (Political Science) Activity: Map Work	

## OCTOBER

TOPICS / CHAPTERS ( <b>class X topics to be taught</b> )	WEIGHT- AGE	TEACHING PERIODS
Chapter: 01, Nationalism in Europe (History) Chapter:01, Power Sharing (Political Science)	-	
1 <sup>st</sup> WEEK	The Making of Nationalism in Europe,Aristocracy, Liberal Nationalism,(History) Case studies of Belgium and Srilanka & Majoritarism in Sri Lanka (Political Science)	
2 <sup>ND</sup> WEEK	Conservatism and Revolutionaries (History) Accomodation in Belgium(Political Science)	
3 <sup>RD</sup> WEEK	The Age of Revolutions, Romantic Imagination,Hunger, Hardship & Revolt and Revolution of liberals(History) Forms of power sharing(Political Science)	
4 <sup>th</sup> WEEK	Unification process of Italy(History) What is federalism? Difference b etween Unitary and Federalism (Political Science) Activity: Map Work	

## NOVEMBER

TOPICS / CHAPTERS ( <b>CLASS: 10<sup>th</sup></b> )	WEIGHT- AGE	TEACHING PERIODS
Chapter:01, Nationalism in Europe (History) Chapter:02, Federalism (Political Science)	-	
1 <sup>st</sup> WEEK	Unification process of Germany(History), Balkan Conflict, (History) What makes India a Federal country? (Political Science), How is federalism practised? (Political Science)	
2 <sup>ND</sup> WEEK	Visualising the Nation (History) Decentralisation and its Features (Political Science)	
3 <sup>RD</sup> WEEK	Nationalism and Imperialism (History) Decentralisation and its structure (Political Science) Activity: Map Work	
4 <sup>th</sup> WEEK	Revision/ Final Examination	

## DECEMBER

1 <sup>st</sup> WEEK	Final Examination	
2 <sup>ND</sup> WEEK	Final Examination	
3 <sup>RD</sup> WEEK	Final Examination	

## GEOGRAPHY

### FEBRUARY

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
<b>Chapter-India-Size and Location</b>		
<b>3<sup>rd</sup> WEEK</b>	Basic concepts of latitudes and Longitudes	
<b>4<sup>th</sup> WEEK</b>	Location of India on Globe	

### MARCH

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
<b>Chapter-India-Size and Location</b> <b>Chapter: Physical Features of India</b>		
<b>1<sup>st</sup> WEEK</b>	India-Size, India and Its Neighbours	
<b>2<sup>nd</sup> WEEK</b>	Map work : India and the world	
<b>3<sup>rd</sup> WEEK</b>	Relief,Major forces responsible for building landforms.Theory of Plate Tectonics	
<b>4<sup>th</sup> WEEK</b>	Types of tectonic plates,Formation of various land features of India.	

### APRIL

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
<b>Chapter: Physical Features of India</b>		
<b>1<sup>st</sup>WEEK</b>	The Himalayas	
<b>2<sup>nd</sup> WEEK</b>	The Northern Plains of India	
<b>3<sup>rd</sup> WEEK</b>	The Northern Plains of India ,The Peninsular Plateau.	
<b>4<sup>th</sup> WEEK</b>	The Peninsular Plateau, The Indian Desert The Western Ghats and The Eastern Ghats.	
<b>5<sup>th</sup> WEEK</b>	The Coastal Plains of India,The Islands,	

### MAY

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
<b>Chapter: Physical Features of India</b> <b>Chapter:Drainage</b>		
<b>1<sup>st</sup> WEEK</b>	Complementary Nature of Physical Features of India, Activity: Mapwork	
<b>2<sup>nd</sup> WEEK</b>	Introduction and Drainage Pattern. Difference between The Himalayan Rivers and The Peninsular Rivers Systems The Indus River System.	
<b>3<sup>rd</sup> WEEK</b>	The Ganga River Systems and The Brahmaputra River System The Brahmaputra River System.	
<b>4<sup>th</sup> WEEK</b>	The Peninsular Rivers.	
<b>5<sup>th</sup> WEEK</b>	Lakes and Their types Economic benefits of rivers and lakes,	

### JUNE

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
<b>Chapter: Natural Vegetation and Wildlife</b>		
<b>1<sup>st</sup> WEEK</b>	Ganga action Plan and Mapwork Ganga action Plan and Mapwork.	
<b>2<sup>nd</sup> WEEK</b>	Introduction, Factors Responsible for diversity of Flora and Fauna in India	
<b>3<sup>rd</sup> WEEK</b>	Importance of Forests for Human Beings, Ecosystem, Tropical Evergreen Forests,	
<b>4<sup>th</sup> WEEK</b>	Tropical Deciduous Forests Tropical Thorn and Scrub Forest , Mountain Forests	

**JULY: MID-TERM EXAMINATION****AUGUST**

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
<b>Chapter: Natural Vegetation and Wildlife</b> <b>Chapter: Population</b>		
<b>1<sup>st</sup> WEEK</b>	Mangrove Forests, Distribution of Wildlife	
<b>2<sup>ND</sup> WEEK</b>	Biosphere Reserves and its objective, Migratory birds	
<b>3<sup>RD</sup> WEEK</b>	Biome, Status of Biodiversity in India, Endangered and Extinct Species.	
<b>4<sup>TH</sup> WEEK</b>	Steps taken by Government of India for the protection of Flora and Fauna and Map Work	
<b>5<sup>TH</sup> WEEK</b>	Population: Introduction. Size of population in India.	

**SEPTEMBER**

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
<b>Chapter: Population</b>		
<b>1<sup>st</sup> WEEK</b>	Distribution of population in India (Density). Factors responsible for uneven distribution of population in India.	
<b>2<sup>ND</sup> WEEK</b>	Population Change (population Growth) Factors of population change.	
<b>3<sup>RD</sup> WEEK</b>	Age Composition . Sex Ratio.	
<b>4<sup>TH</sup> WEEK</b>	Literacy Rate. Occupational Structure.	
<b>5<sup>TH</sup> WEEK</b>	National Population Policy, 1952. National Population Policy, 2000.	

**OCTOBER**

TOPICS / CHAPTERS (Class 10th)	WEIGHT-AGE	TEACHING PERIODS
<b>Chapter: Resources and Development</b>		
<b>1<sup>ST</sup>WEEK</b>	Resources, classification of resources.	
<b>2<sup>ND</sup> WEEK</b>	Types of resources, development of resources.	
<b>3<sup>RD</sup> WEEK</b>	Resource planning in India, conservation of resources.	
<b>4<sup>TH</sup> WEEK</b>	Land use pattern in India, land degradation and conservation measures.	

**NOVEMBER**

TOPICS / CHAPTERS (Class 10th)	WEIGHT-AGE	TEACHING PERIODS
<b>Chapter: Resources and Development</b>		
<b>1<sup>ST</sup>WEEK</b>	Classification of soils, formation of soils, alluvial soil, Black soil, Red and Yellow soils.	

<b>2<sup>ND</sup> WEEK</b>	formation of soils, alluvial soil, Black soil, Red and Yellow soils.
<b>3<sup>RD</sup> WEEK</b>	Laterite soil, Arid soil. Forest soil, Soil erosion and soil conservation. Map Work
<b>4<sup>TH</sup> WEEK</b>	Revision/ Final Examination

## DECEMBER

1 <sup>ST</sup> WEEK	Final Examination	
2 <sup>ND</sup> WEEK	Final Examination	
3 <sup>RD</sup> WEEK	Final Examination	

## Economics

### FEBRUARY

TOPICS / CHAPTERS		WEIGHT- AGE	TEACHING PERIODS
<b>Chapter-The Story of Village Palampur</b>			
<b>3<sup>rd</sup> WEEK</b>	Introduction		
<b>4<sup>th</sup> WEEK</b>	Factors of Production, Land is Fixed		

### MARCH

TOPICS / CHAPTERS		WEIGHT- AGE	TEACHING PERIODS
<b>Chapter-The Story of Village Palampur</b>			
<b>1<sup>st</sup> WEEK</b>	Is there a way one can grow more from the same land?		
<b>2<sup>nd</sup> WEEK</b>	Will land Sustain? Story of Gobind		
<b>3<sup>rd</sup> WEEK</b>	How is land distribution between the farmers of Palampur? , Who will provide labour?		
<b>4<sup>th</sup> WEEK</b>	The capital needed for the farming, Sale of the Surplus.		
<b>5<sup>th</sup> WEEK</b>	Non – Farm activities in Palampur, Discussing textual questions		

### APRIL

TOPICS / CHAPTERS		WEIGHT- AGE	TEACHING PERIODS
<b>Chapter: People as Resource</b>			
<b>1<sup>st</sup> WEEK</b>	Introduction		
<b>2<sup>nd</sup> WEEK</b>	Story of Sakal and Vilas, Virtuous and Vicious cycle		
<b>3<sup>rd</sup> WEEK</b>	Economic activities by Men and Women		
<b>4<sup>th</sup> WEEK</b>	Quality of Population, Role of Education in Human Capital formation, Role of Health in Human Capital formation.		
<b>5<sup>th</sup> WEEK</b>	Role of government in upgrading education and health sector of India		

### MAY

TOPICS / CHAPTERS		WEIGHT- AGE	TEACHING PERIODS
<b>Chapter: Chapter: People as Resource Chapter:Poverty as a Challenge</b>			
<b>1<sup>st</sup> WEEK</b>	Unemployment and its types		
<b>2<sup>nd</sup> WEEK</b>	Negative impacts of Unemployment, Story of a Village		
<b>3<sup>rd</sup> WEEK</b>	Discussing textual questions And Group Discussion		
<b>4<sup>th</sup> WEEK</b>	Overview, Introduction		
<b>5<sup>th</sup> WEEK</b>	Two typical cases of Poverty		

### JUNE

<b>Chapter:Poverty as a Challenge</b>			
<b>1<sup>st</sup> WEEK</b>	Issues related to poverty, Poverty as seen by Social Scientists		
<b>2<sup>nd</sup> WEEK</b>	Social Exclusion, Vulnerability		
<b>3<sup>rd</sup> WEEK</b>	Poverty Line		
<b>4<sup>th</sup> WEEK</b>	Poverty Estimates, Vulnerable Groups		
<b>5<sup>th</sup> WEEK</b>	Story of Sivaraman, Interstate disparities		



## JULY

<b>1<sup>ST</sup> WEEK</b>	Mid Term Examination
<b>2<sup>ND</sup> WEEK</b>	Mid Term Examination
<b>3<sup>RD</sup> WEEK</b>	Mid Term Examination
<b>4<sup>TH</sup> WEEK</b>	Summer Break

## AUGUST

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
<b>Chapter: Poverty as a Challenge</b> <b>Chapter: Food Security in India</b>		
<b>1<sup>st</sup> WEEK</b>	Global Poverty Scenario, Causes of Poverty.	
<b>2<sup>ND</sup> WEEK</b>	Anti-Poverty Measures	
<b>3<sup>RD</sup> WEEK</b>	Overview, What is food Security?	
<b>4<sup>TH</sup> WEEK</b>	Why Food Security?	
<b>5<sup>TH</sup> WEEK</b>	Story of Ramu and Ahmad	

## SEPTEMBER

<b>Chapter: Food Security in India</b>		
<b>1<sup>st</sup> WEEK</b>	Who are Food Insecure?	
<b>2<sup>ND</sup> WEEK</b>	India is aiming at self-sufficiency in food grains since Independence	
<b>3<sup>RD</sup> WEEK</b>	Food Security System	
<b>4<sup>TH</sup> WEEK</b>	Ration card and their types, Rationing	
<b>5<sup>TH</sup> WEEK</b>	Discussing textual questions	

## OCTOBER

TOPICS / CHAPTERS ( <b>class X topics to be taught</b> )	WEIGHT-AGE	TEACHING PERIODS
<b>Chapter: Development</b>		
<b>1<sup>ST</sup> WEEK</b>	Introduction about Development,	
<b>2<sup>ND</sup> WEEK</b>	What development promises -Different People ,Different Goals	
<b>3<sup>RD</sup> WEEK</b>	Income and Other Goals and National Development	
<b>4<sup>TH</sup> WEEK</b>	How to Compare Different Countries or States ?	

## NOVEMBER

TOPICS / CHAPTERS ( <b>class X topics to be taught</b> )	WEIGHT-AGE	TEACHING PERIODS
<b>Chapter: Development</b>		
<b>1<sup>ST</sup> WEEK</b>	Income and Other Criteria.	
<b>2<sup>ND</sup> WEEK</b>	Public Facilities and Sustainability of Development	
<b>3<sup>RD</sup> WEEK</b>	Sustainability of Development , Average Income	

<b>4<sup>TH</sup> WEEK</b>	Revision/ Final Examination
----------------------------	-----------------------------

**DECEMBER**

1 <sup>st</sup> WEEK	Final Examination	
2 <sup>ND</sup> WEEK	Final Examination	
3 <sup>RD</sup> WEEK	Final Examination	

# Kashmiri

## FEBRUARY

TOPICS / CHAPTERS			
3 <sup>RD</sup> WEEK	Origin of kashmiri language, Recaptulation of kashmiri script		
4 <sup>TH</sup> WEEK	Reading of lesson{ kateje bache te ale boul } and bookwork.		

## MARCH

TOPICS / CHAPTERS			
1 <sup>ST</sup> WEEK	Life history of poet Abdul Ahad Azad & Recitation of poem		
2 <sup>ND</sup> WEEK	Poem Explanation ,Diffcult words &Textual questions		
3 <sup>RD</sup> WEEK	Grammar “ verb “ transitive & intransitive sentences		
4 <sup>TH</sup> WEEK	Book work		
5 <sup>TH</sup> WEEK	Vocabulary, Spelling and Dictation test		

## APRIL

TOPICS / CHAPTERS			
1 <sup>ST</sup> WEEK	Simple paragraph writing		
2 <sup>ND</sup> WEEK	Idioms and vocabulary		
3 <sup>RD</sup> WEEK	Informal letters		
4 <sup>TH</sup> WEEK	Formal letters		
5 <sup>TH</sup> WEEK	Suffix & prefix , Spelling & Dictation test		

## MAY

TOPICS / CHAPTERS			
1 <sup>ST</sup> WEEK	Kashmiri Folk stories : Khuda chune mandchawaan, Wudre gaade, Shale kak, kateje bache te ale boul.		
2 <sup>ND</sup> WEEK	Kashmiri Proverbs		
3 <sup>RD</sup> WEEK	Revision of lesson “ Kate je bache te ale boul , Insaanas kun “		
4 <sup>TH</sup> WEEK	Revision of grammer portion		
5 <sup>TH</sup> WEEK	Written Class test ( CYCLE TEST )		

## JUNE

TOPICS / CHAPTERS			
1 <sup>ST</sup> WEEK	Life Histroy : Lal Ded, Sheikh ul Alam		
2 <sup>ND</sup> WEEK	Life Histroy : Abdul Ahad Azaad , Habba Khatoon		
3 <sup>RD</sup> WEEK	Revision		
4 <sup>TH</sup> WEEK	Revision		
5 <sup>TH</sup> WEEK	Mid-Term Examination Starts		

## JULY

TOPICS / CHAPTERS			
1 <sup>st</sup> WEEK	Mid – Term Examination		
2 <sup>ND</sup> WEEK	Mid – Term Examination		
3 <sup>RD</sup> WEEK	Summer Break		
4 <sup>TH</sup> WEEK	Summer Break & Result Declaration		
5 <sup>TH</sup> WEEK	Literature : Fiction ( Short story )		

## AUGUST

TOPICS / CHAPTERS			
1 <sup>ST</sup> WEEK	Short story ( ROPEYE )		
2 <sup>ND</sup> WEEK	Textual questions & summary		
3 <sup>RD</sup> WEEK	Grammar ( singular & plural )		
4 <sup>TH</sup> WEEK	Grammar ( Genders )		
5 <sup>TH</sup> WEEK	Kashmiri Elocution		

## SEPTEMBER

TOPICS / CHAPTERS			
1 <sup>ST</sup> WEEK	Life History of poet , Poem ( Ya Dosto ) Recitation & Explanation		
2 <sup>ND</sup> WEEK	Book Exercise		
3 <sup>RD</sup> WEEK	Paragraph writing		
4 <sup>TH</sup> WEEK	Spelling and Dictation Test		
5 <sup>TH</sup> WEEK	Letter Writing		

## OCTOBER

TOPICS / CHAPTERS			
Revision & Final Term Examination			
1 <sup>ST</sup> WEEK	Literature : Non – Fiction { Biography }		
2 <sup>ND</sup> WEEK	Hazrat Bulbul Shah ( R.A )		
3 <sup>RD</sup> WEEK	Final Term Examination Life History Of Mehjoor		
4 <sup>TH</sup> WEEK	Final Term Examination Poem { Walo Ha Bagwano } Recitation & Explanation Revision		
5 <sup>TH</sup> WEEK	Report writing Revision		

## NOVEMBER

TOPICS / CHAPTERS			
1 <sup>ST</sup> WEEK	Kashmiri Elocution on { BULBUL SHAH }		
2 <sup>ND</sup> WEEK	Grammar ( Tense )		
3 <sup>RD</sup> WEEK	Grammar Verb & Its Kinds		
4 <sup>TH</sup> WEEK	Revision/ Final Term Examination		

## DECEMBER

TOPICS / CHAPTERS			
1 <sup>ST</sup> WEEK	Final Term Examination		
2 <sup>ND</sup> WEEK	Final Term Examination		
3 <sup>RD</sup> WEEK	Final Term Examination		

## FEBRUARY

TOPICS / CHAPTERS			
3 <sup>RD</sup> WEEK	جان بیچان۔ (نظم) ہندو مسلمان از تلوک چند محروم اسم ضمیر اور فعل		
4 <sup>TH</sup> WEEK	فعل اور اس کی اقسام (مضمون) بہادر شاہ کا باقی میر باقر علی دہلوی		

## MARCH

TOPICS / CHAPTERS			
1 <sup>ST</sup> WEEK	”کہانی“ نادان دوست از منشی پریم چند، قواعد۔ واحد جمع، متضاد الفاظ، محاورات،		
2 <sup>ND</sup> WEEK	انشائیہ ”اوس“ از خواجہ حسن نظامی مذکر مونث		
3 <sup>RD</sup> WEEK	نظم ”ایک دیہاتی لڑکی کا گیت“ از۔ اختر شیرانی رموز اوقات سکتے، ختمہ		
4 <sup>TH</sup> WEEK	(مضمون) ”چودا گھر کی بیر“ سابقے لاحقے		
5 <sup>TH</sup> WEEK	خطوط اور درخواست		

## APRIL

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
1 <sup>ST</sup> WEEK	(نظم) بہادر بنو از سورج نرائن مہر، متضاد الفاظ		
2 <sup>ND</sup> WEEK	”احسان کا بدلہ احسان“ از۔ ڈاکٹر ذاکر حسین محاورات معنی اور جملے،		
3 <sup>RD</sup> WEEK	مضامین۔ ترکیب اضافت، مضمون ”جنگل کی زندگی“		
4 <sup>TH</sup> WEEK	ایک نظم ”چودا اور گھاس“ رابطہ، سوا لہ		
5 <sup>TH</sup> WEEK	مترادف الفاظ،		

## MAY

TOPICS / CHAPTERS			
1 <sup>ST</sup> WEEK	ریڈ کراس سوسائٹی (جاری)		
2 <sup>ND</sup> WEEK	ریڈ کراس سوسائٹی مکمل مضمون نگاری ”خدمت خلق“		
3 <sup>RD</sup> WEEK	متضاد الفاظ، واحد جمع، محاورات، کہاو تیں		
4 <sup>TH</sup> WEEK	عربی کہانی کا ترجمہ ”سندباد جہازی کا ایک سفر (جاری) داستان گوئی پر نوٹ		
5 <sup>TH</sup> WEEK	سندباد جہازی کا ایک سفر مکمل		

## JUNE

TOPICS / CHAPTERS			
1 <sup>ST</sup> WEEK	کہاوت اور محاورے کی تعریف معنی اور جملوں میں استعمال		
2 <sup>ND</sup> WEEK	مضمون نگاری، درخواست اور خطوط نگاری		
3 <sup>RD</sup> WEEK	اعادہ		
4 <sup>TH</sup> WEEK	اعادہ		
5 <sup>TH</sup> WEEK	مڈ ٹرم کا امتحان		

## JULY

TOPICS / CHAPTERS			
1 <sup>ST</sup> WEEK	مڈ ٹرم کا امتحان		
2 <sup>ND</sup> WEEK	(مڈ ٹرم کا امتحان)		
3 <sup>RD</sup> WEEK	گرما ئی تعطیلات		
4 <sup>TH</sup> WEEK	گرما ئی تعطیلات		
5 <sup>TH</sup> WEEK	کی کہانی از فرقت کا کوری (جاری) کہاوتوں		

## AUGUST

TOPICS / CHAPTERS			
1 <sup>ST</sup> WEEK	کہاوتوں کی کہانی (مکمل) تشبیہ تعریف اور نشاندہی		
2 <sup>ND</sup> WEEK	نظم ”پچھٹی کادن“ از حامد حسن قادری استعارہ تعریف نشاندہی		
3 <sup>RD</sup> WEEK	ہکا تھوڑی ہوا سے اڑ جاتا ہے (جاری)		
4 <sup>TH</sup> WEEK	ہکا تھوڑی ہوا سے اڑ جاتا ہے (مکمل) کبیر کے ”دوہے“		
5 <sup>TH</sup> WEEK	صنائع اور بدائع (نجی خطوط)		

## SEPTEMBER

TOPICS / CHAPTERS			
1 <sup>ST</sup> WEEK	”گاؤں پچائیت“ محاورات معنی اور مجملے		
2 <sup>ND</sup> WEEK	”مصنوعی سیارہ“ آریہ بھٹ کے بارے میں معلومات		
3 <sup>RD</sup> WEEK	نظم ”بہار کے دن“ از حامد المذافر میرٹھی		
4 <sup>TH</sup> WEEK	مضمون ”وقت“ از ڈپٹی نذیر احمد		
5 <sup>TH</sup> WEEK	مضمون نگاری		

## OCTOBER

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
1 <sup>ST</sup> WEEK	اردو زبان کی ابتدا اور ارتقا		
2 <sup>ND</sup> WEEK	نظم ”حمد“ از محمد اسمعیل میرٹھی، فعل اور مصدر		
3 <sup>RD</sup> WEEK	انشائیہ ”بے تکلفی“ از کنھیالال پور		
4 <sup>TH</sup> WEEK	انشائیہ ”بے تکلفی“ از کنھیالال پور		
5 <sup>TH</sup> WEEK	زمانے کے لحاظ سے فعل کی قسمیں		

## NOVEMBER

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
1 <sup>ST</sup> WEEK	”قول کا پاس“ از منشی پدیم چند (جاری) کہانی		
2 <sup>ND</sup> WEEK	”کہانی“ قول کا پاس (مکمل)		
3 <sup>RD</sup> WEEK	صفت اور اس کی اقسام تعریف اور نشاندہی		
4 <sup>TH</sup> WEEK	سالانہ امتحان، اعادہ		

## DECEMBER

TOPICS / CHAPTERS			
1 <sup>st</sup> WEEK	سالانہ امتحان		
2 <sup>nd</sup> WEEK	سالانہ امتحان		
3 <sup>rd</sup> WEEK	سالانہ امتحان		

## Hindi

### FEBRUARY

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
व्याकरण वर्ण-विच्छेद संवाद अनुच्छेद , उपसर्ग-प्रत्यय, धूल		0	12
3 <sup>rd</sup> WEEK	वर्ण-विच्छेद , संवाद		
4 <sup>th</sup> WEEK	अनुच्छेद , उपसर्ग- प्रत्यय, धूल		

### MARCH

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
दुःख का अधिकार , दोहे , रैदास के पद गिल्लू, पाठों से संबंधित व्याकरण		0	23
1 <sup>st</sup> WEEK	दुःख का अधिकार		
2 <sup>nd</sup> WEEK	दोहे		
3 <sup>rd</sup> WEEK	रैदास के पद		
4 <sup>th</sup> WEEK	गिल्लू , पाठों से संबंधित अनुनासिक, अनुस्वार		
5 <sup>th</sup> WEEK	पाठों से संबंधित व्याकरण		

### APRIL

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
एवरेस्ट मेरी शिखर यात्रा, स्मृति व्याकरण -पाठों से संबंधित उपसर्ग- प्रत्यय , अनुनासिक, अनुस्वार		0	22
1 <sup>st</sup> WEEK	एवरेस्ट मेरी शिखर यात्रा		
2 <sup>nd</sup> WEEK	स्मृति		
3 <sup>rd</sup> WEEK	अनुनासिक		
4 <sup>th</sup> WEEK	अनुस्वार		
5 <sup>th</sup> WEEK	उपसर्ग – प्रत्यय		

## MAY

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
आदमीनामा , कल्लू कुम्हार की उन्नाकोटी तुम कब जाओगे अतिथि , व्याकरण-संधि ,विज्ञापन ,पत्र , विराम चिह्न , [घत्र वर्णन	0	21
1 <sup>ST</sup> WEEK	आदमीनामा	
2 <sup>ND</sup> WEEK	कल्लू कुम्हार की उन्नाकोटी	
3 <sup>RD</sup> WEEK	तुम कब जाओगे अतिथि	
4 <sup>TH</sup> WEEK	संधि , विज्ञापन	
5 <sup>TH</sup> WEEK	पत्र, [विराम [चह्न , [घत्र वर्णन	

## JUNE

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन एक फूल की चाह मेरा छोटा सा निजी पुस्तकालय	0	12
1 <sup>ST</sup> WEEK	वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन	
2 <sup>ND</sup> WEEK	एक फूल की चाह , मेरा छोटा सा निजी पुस्तकालय	
3 <sup>RD</sup> WEEK	REVISION	
4 <sup>TH</sup> WEEK	Mid Term Examination	
5 <sup>TH</sup> WEEK	Mid Term Examination	

## JULY

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
MID TERM EXAM	0	0
1 <sup>ST</sup> WEEK	Mid Term Examination	
2 <sup>ND</sup> WEEK	Mid Term Examination	
3 <sup>RD</sup> WEEK	Summer Break	
4 <sup>TH</sup> WEEK	Summer Break	
5 <sup>TH</sup> WEEK	Cross Checking	

## AUGUST

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
शुक्रतारे के समान, कीचड़ का काव्य हामिद खाँ, गीत-अगीत व्याकरण-नुक्ता , अनुच्छेद	0	23
1 <sup>ST</sup> WEEK	शुक्रतारे के समान	
2 <sup>ND</sup> WEEK	contd... शुक्रतारे के समान	
3 <sup>RD</sup> WEEK	हामिद खाँ , कीचड़ का काव्य	
4 <sup>TH</sup> WEEK	गीत-अगीत	
5 <sup>TH</sup> WEEK	व्याकरण - नुक्ता, अनुच्छेद	



SEPTEMBER

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
अग्निपथ, नए इलाके में, धर्म की आड़ खुशबू रचते हैं हाथ		0	24
1 <sup>st</sup> WEEK	धर्म की आड़		
2 <sup>ND</sup> WEEK	Contd.... धर्म की आड़		
3 <sup>RD</sup> WEEK	अग्निपथ		
4 <sup>TH</sup> WEEK	नए इलाके में,		
5 <sup>TH</sup> WEEK	खुशबू रचते हैं हाथ		

OCTOBER

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
दिए जल उठे, 10 th class.... बड़े भाई साहब, हरिहर काका कबीर		0	22
1 <sup>st</sup> WEEK	दिए जल उठे		
2 <sup>ND</sup> WEEK	बड़े भाई साहब		
3 <sup>RD</sup> WEEK	हरिहर काका		
4 <sup>TH</sup> WEEK	Contd... हरिहर काका		
5 <sup>TH</sup> WEEK	कबीर		

NOVEMBER

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
व्याकरण - पाठों से संबंधित मुहावरे शुद्ध/अशुद्ध वाक्य, पत्र लेखन		0	22
2 <sup>ND</sup> WEEK	शुद्ध/अशुद्ध वाक्य		
3 <sup>RD</sup> WEEK	पत्र लेखन		
4 <sup>TH</sup> WEEK	□ □ □ □ □ □ / Final Term Exams		

DECEMBER

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
		0	22
1 <sup>st</sup> WEEK	Final Term Exams		
2 <sup>ND</sup> WEEK	Final Term Exams		
3 <sup>RD</sup> WEEK	Final Term Exams		

9<sup>th</sup>

## Physics

### FEBRUARY

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
Motion		—	06
3 <sup>rd</sup> WEEK	Defination of rest and motion Physical qualities (sclar and vector qualities)		
4 <sup>th</sup> WEEK	Concept of distance and displacement		

### MARCH

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
Motion			12
2 <sup>ND</sup> WEEK	Speed and velocity Average speed, differences and related numericals		
3 <sup>RD</sup> WEEK	S-T and V-T graph Acceleration, uniform and non uniform acceleration		
4 <sup>TH</sup> WEEK	Numericals related to speed, velocity and acceleration Equations of motion		
5 <sup>TH</sup> WEEK	Derivation of first and second equation Numericals related to equations		

### APRIL

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
Motion (contd..) Force and laws of motion		—	12

<b>1<sup>ST</sup> WEEK</b>	Third equation and its derivation Elementary idea of uniform circular motion Textbook numericals
<b>2<sup>ND</sup> WEEK</b>	Defination of force and its effects Balanced and unbalanced force
<b>3<sup>RD</sup> WEEK</b>	Concept of laws of motion First law of motion and concept of inertia, types and examples
<b>4<sup>TH</sup> WEEK</b>	Conept of linear momentum, Second law of motion and its derivation
<b>5<sup>TH</sup> WEEK</b>	Concept of third law of motion with examples Concept of law of conservation of momentum

## MAY

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
Force and laws of motion (contd..) Gravitation			12
<b>1<sup>ST</sup> WEEK</b>	Mathematical proof of conservation of momentum		
<b>2<sup>ND</sup> WEEK</b>	Textual discussion and numerical practice		
<b>3<sup>RD</sup> WEEK</b>	General idea of Gravitation and Gravity Universal Gravitational law and its derivation		
<b>4<sup>TH</sup> WEEK</b>	Concept of free fall and acceleration due to gravity Derivation for relation of 'g'		
<b>5<sup>TH</sup> WEEK</b>	Mass and Weight Differences and relation Numerical practice		

## JUNE

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
Work and Energy			07
<b>1<sup>ST</sup> WEEK</b>	Concept of work ,unit and its types		
<b>2<sup>ND</sup> WEEK</b>	Examples related to the work and its types Numericals related to work		
<b>3<sup>RD</sup> WEEK</b>	Concept of Energy and its different forms.		
<b>4<sup>TH</sup> WEEK</b>	Mid-term examination		
<b>5<sup>TH</sup> WEEK</b>	Mid-term examination (continued)		

## JULY

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
Mid-term examination and Summer break			0
<b>1<sup>ST</sup> WEEK</b>	Mid-term examination (continued)		

<b>2<sup>ND</sup> WEEK</b>	Mid term examination (continued)
<b>3<sup>RD</sup> WEEK</b>	Summer break
<b>4<sup>TH</sup> WEEK</b>	Summer break
<b>5<sup>TH</sup> WEEK</b>	Cross checking

## AUGUST

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Work and Energy (contd..)		12
<b>1<sup>ST</sup> WEEK</b>	Concept of Mechanical energy	
<b>2<sup>ND</sup> WEEK</b>	Kinetic energy and its derivation Numerical practice	
<b>3<sup>RD</sup> WEEK</b>	Potential energy and its derivation	
<b>4<sup>TH</sup> WEEK</b>	Law of conservation of energy and its derivation	
<b>5<sup>TH</sup> WEEK</b>	Numerical problems practice	

## SEPTEMBER

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Post Mid – Term examination Work and Energy (contd..)		12
<b>1<sup>ST</sup> WEEK</b>	Post Mid-term examination.	
<b>2<sup>ND</sup> WEEK</b>	Post Mid-term examination (continued..)	
<b>3<sup>RD</sup> WEEK</b>	Concept of power and its unit.	
<b>4<sup>TH</sup> WEEK</b>	Commercial unit of power, KWH and its value	
<b>5<sup>TH</sup> WEEK</b>	Textbook discussion Numericals related to all topics	

## OCTOBER

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Light- Reflection and Refraction (class – 10 <sup>th</sup> )		12
<b>1<sup>ST</sup> WEEK</b>	Basic concept of light and its properties	
<b>2<sup>ND</sup> WEEK</b>	Reflection of light and laws of reflection of light.	
<b>3<sup>RD</sup> WEEK</b>	Introduction of mirror, plane mirror	
<b>4<sup>TH</sup> WEEK</b>	Concave mirror and convex mirror , related terms Ray diagram of mirror	
<b>5<sup>TH</sup> WEEK</b>	Reflecion of light Refractive index	

## NOVEMBER

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Light (contd..)		12
<b>1<sup>ST</sup> WEEK</b>	Convex mirror, concave mirror and their related terms	

<b>2<sup>ND</sup> WEEK</b>	Ray diagram of convex and concave lens
<b>3<sup>RD</sup> WEEK</b>	Practical : To find the focal length of concave mirror(Demonstration and student practice)
<b>4<sup>TH</sup> WEEK</b>	Revision / FINAL TERM EXAMS

## DECEMBER

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
FINAL TERM EXAMS		12
<b>1<sup>ST</sup> WEEK</b>	FINAL TERM EXAMS	
<b>2<sup>ND</sup> WEEK</b>	FINAL TERM EXAMS	
<b>3<sup>RD</sup> WEEK</b>	FINAL TERM EXAMS	

9<sup>th</sup>

## Chemistry

## FEBRUARY

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Matter in our surrounding	—	06
<b>3<sup>rd</sup> WEEK</b>	Introduction of matter States of matter	
<b>4<sup>th</sup> WEEK</b>	Characteristics of states if matter (solid,liquid and gas)	

## MARCH

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Matter in our surroundings (contd..) Is Matter Around us Pure.		12
<b>2<sup>ND</sup> WEEK</b>	Effect of change of temprature and pressure on three states of matter.	
<b>3<sup>RD</sup> WEEK</b>	Evaporation and factors affecting Evaporation. Cooling effect of Evaporation.	
<b>4<sup>TH</sup> WEEK</b>	Textual question discussion Revision	
<b>5<sup>TH</sup> WEEK</b>	Experiment : To show matter is made up of small particles. Introduction of chemical classification of matter	

## APRIL

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
-------------------	------------	------------------

Is Matter Around us Pure		12
<b>1<sup>ST</sup> WEEK</b>	Pure matter : Elements and Compounds Mixtures (Homogeneous and Hetrogeneous)	
<b>2<sup>ND</sup> WEEK</b>	Solutions (Saturated and unsaturated)	
<b>3<sup>RD</sup> WEEK</b>	Suspension , Colloid, Concentration terms Separation of Mixtures	
<b>4<sup>TH</sup> WEEK</b>	Separation of techniques (sedimentation, filtration, evaporation, centrifugation, sublimation, seprating funnel, chromatography, distillation, fractional distillation and crystalisation)	
<b>5<sup>TH</sup> WEEK</b>	Experiment : To prepare true solution. Experiment : to separate the mixture of common salt and ammonium chloride Textbook exercise discussion	

## MAY

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
Atoms and Molecules			12
<b>1<sup>ST</sup> WEEK</b>	Laws of chemical combination		
<b>2<sup>ND</sup> WEEK</b>	Law of conservation of mass with examples		
<b>3<sup>RD</sup> WEEK</b>	Law of constant proportion with examples		
<b>4<sup>TH</sup> WEEK</b>	Daltons atomic theory		
<b>5<sup>TH</sup> WEEK</b>	Atom, Atomic number, Mass number		

## JUNE

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
Atoms and Molecules			07
<b>1<sup>ST</sup> WEEK</b>	Atomic mass unit , Molecules , Ions		
<b>2<sup>ND</sup> WEEK</b>	Molecule of element Molecule of compound		
<b>3<sup>RD</sup> WEEK</b>	Concept of atomicity and valency		
<b>4<sup>TH</sup> WEEK</b>	Mid-term examination		
<b>5<sup>TH</sup> WEEK</b>	Mid-term examination (continued)		

## JULY

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
Mid-term examination and Summer break			0
<b>1<sup>ST</sup> WEEK</b>	Mid-term examination (continued)		
<b>2<sup>ND</sup> WEEK</b>	Mid term examination (continued)		
<b>3<sup>RD</sup> WEEK</b>	Summer break		
<b>4<sup>TH</sup> WEEK</b>	Summer break		

<b>5<sup>TH</sup> WEEK</b>	Cross checking
----------------------------	----------------

## AUGUST

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Atoms and Molecules Structure of Atom		12
<b>1<sup>st</sup> WEEK</b>	Writing a chemical formula of a chemical compound	
<b>2<sup>ND</sup> WEEK</b>	Molecular mass Introduction to Mole concept	
<b>3<sup>RD</sup> WEEK</b>	Numericals related to Mole concept Relationship of mole of an atom with its mass and number Textual exercise discussion	
<b>4<sup>TH</sup> WEEK</b>	Introduction of sub-atomic particles (electrons, protons and neutrons)	
<b>5<sup>TH</sup> WEEK</b>	J J Thomson's model of an atom	

## SEPTEMBER

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Post Mid –Term exams Structure of Atom		12
<b>1<sup>st</sup> WEEK</b>	Post Mid-term examination .	
<b>2<sup>ND</sup> WEEK</b>	Post Mid-term examination (continued)	
<b>3<sup>RD</sup> WEEK</b>	Rutherford's model of an atom, Drawbacks of Rutherford's model of atom	
<b>4<sup>TH</sup> WEEK</b>	Bohr's model of an atom Isotopes and isobars	
<b>5<sup>TH</sup> WEEK</b>	Applications of isotopes Textual exercise discussion	

## OCTOBER

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Chemical Reactions and Equations (Class – 10 <sup>th</sup> )		12
<b>1<sup>st</sup> WEEK</b>	Introduction of chemical reaction and equations Balancing of chemical reactions	
<b>2<sup>ND</sup> WEEK</b>	Combination reaction and its types	
<b>3<sup>RD</sup> WEEK</b>	Decomposition reaction and its types	
<b>4<sup>TH</sup> WEEK</b>	Precipitation and Neutralization reactions	
<b>5<sup>TH</sup> WEEK</b>	Displacement and double displacement reactions Examples of various reactions and their blancing	

## NOVEMBER

TOPICS / CHAPTERS	WEIGHT-	TEACHING PERIODS
-------------------	---------	------------------

	AGE	
Chemical Reactions and Equations (Class – 10 <sup>th</sup> )		-
<b>1<sup>st</sup> WEEK</b>	Oxidation and reduction Examples of redox reactions and their balancing	
<b>2<sup>ND</sup> WEEK</b>	Corrosion and Rancidity	
<b>3<sup>RD</sup> WEEK</b>	Recapitulation of all topics taught Textual problem practice	
<b>4<sup>TH</sup> WEEK</b>	Revision / Final term	

## DECEMBER

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Final term exams		-
<b>1<sup>st</sup> WEEK</b>	Final term examinations	
<b>2<sup>ND</sup> WEEK</b>	Final term examinations	
<b>3<sup>RD</sup> WEEK</b>	Final term examinations	

9<sup>th</sup>

## Biology

## FEBRUARY

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
The fundamental unit of life	—	06
<b>4<sup>TH</sup> WEEK</b>	What are living organisms made up of? Structural organisation of a cell. Plasma membrane and its structure	
<b>5<sup>TH</sup> WEEK</b>	Plasma membrane and its structure (Continued).... Transport across plasma membrane.	

## MARCH

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
The fundamental unit of life and Tissues	—	12
<b>2<sup>ND</sup> WEEK</b>	plasmolysis and deplasmolysis, active transport, etc. Cell wall,	
<b>3<sup>RD</sup> WEEK</b>	cytoplasm, Nucleus-prokaryotic and eukaryotic cell	
<b>4<sup>TH</sup> WEEK</b>	structure of mitochondrion. structure of plastids	

## APRIL

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Tissues and diversity in living organisms	—	12
<b>1<sup>ST</sup> WEEK</b>	structure of ribosomes, Differences between different types of cells. Practice of necessary diagrams	
<b>2<sup>ND</sup> WEEK</b>	Introduction to tissues. Difference between plant and animal tissues. Types of plant tissues	



<b>3<sup>RD</sup> WEEK</b>	Meristematic tissues , Permanent tissues
<b>4<sup>TH</sup> WEEK</b>	Permanent tissues(Continued), Types of animal tissues
<b>5<sup>TH</sup> WEEK</b>	Types of animal tissues (continued), Practicals related to tissues

## MAY

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Diversity in living organisms		12
<b>1<sup>ST</sup> WEEK</b>	Introduction to diversity, Basis of classification Two kingdom classification and its demerits	
<b>2<sup>ND</sup> WEEK</b>	Five kingdom classification and its merits , Kingdom monera	
<b>3<sup>RD</sup> WEEK</b>	Kingdom protista , Kingdom fungi, Kingdom plantae	
<b>4<sup>TH</sup> WEEK</b>	Kingdom plantae (continued)	
<b>5<sup>TH</sup> WEEK</b>	Kingdom animalia	

## JUNE

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Diversity in living organisms, improvement in food resources and Mid-term examination		07
<b>1<sup>ST</sup> WEEK</b>	Kingdom animalia (continued)	
<b>2<sup>ND</sup> WEEK</b>	Kingdom animalia (continued), Nomenclature	
<b>3<sup>RD</sup> WEEK</b>	Revision of the chapter	
<b>4<sup>TH</sup> WEEK</b>	Mid-term examination	
<b>5<sup>TH</sup> WEEK</b>	Mid-term examination (continued)	

## JULY

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Mid-term examination and Summer break		0
<b>1<sup>ST</sup> WEEK</b>	Mid-term examination (continued)	
<b>2<sup>ND</sup> WEEK</b>	Mid term examination (continued)	
<b>3<sup>RD</sup> WEEK</b>	Summer break	
<b>4<sup>TH</sup> WEEK</b>	Summer break	
<b>5<sup>TH</sup> WEEK</b>	Cross checking, animal husbandry, branches of animal husbandry	

## AUGUST

TOPICS / CHAPTERS	WEIGHT-AGE	TEACHING PERIODS
Introduction to why do we fall ill		12
<b>1<sup>ST</sup> WEEK</b>	branches of animal husbandry (continued)	

<b>2<sup>ND</sup> WEEK</b>	branches of animal husbandry (continued)
<b>3<sup>RD</sup> WEEK</b>	Improvement incrop yeild:Crop variety improvement and crop production management , crop protection management
<b>4<sup>TH</sup> WEEK</b>	Introduction to why do we fall ill, Health and factors affecting health
<b>5<sup>TH</sup> WEEK</b>	Diseases and their causes, Infectious and non-infectious diseases.

## SEPTEMBER

TOPICS / CHAPTERS		WEIGHT-AGE	TEACHING PERIODS
			12
<b>1<sup>ST</sup> WEEK</b>	Detalied studyof some disesses Principles of treatment and precautions.		
<b>2<sup>ND</sup> WEEK</b>	Principles of treatment and precautions (continued) Vaccination		
<b>3<sup>RD</sup> WEEK</b>	Natural resources to be taught through assignments and video classes.		
<b>4<sup>TH</sup> WEEK</b>	Natural resources to be taught through assignments and video classes.		
<b>5<sup>TH</sup> WEEK</b>	Continued.....		

## OCTOBER

TOPICS / CHAPTERS			
<b>1<sup>ST</sup> WEEK</b>	Introduction of life processes		
<b>2<sup>ND</sup> WEEK</b>	Types of nutrition, Nutrition- autotrophic		
<b>3<sup>RD</sup> WEEK</b>	Photosynthesis		
<b>4<sup>TH</sup> WEEK</b>	Practical 1- To prepare a temporary mount of leaf stomata Practical 2- To study that light is important for photosynthesis		
<b>5<sup>TH</sup> WEEK</b>	Heterotrophic nutrition, Nutrition in human beings		

## NOVEMBER

TOPICS / CHAPTERS			
<b>1<sup>ST</sup> WEEK</b>	Nutrition in human beings(Continued)		
<b>2<sup>ND</sup> WEEK</b>	Respiration, Types of respiration		
<b>3<sup>RD</sup> WEEK</b>	Respiration in human beings		
<b>4<sup>TH</sup> WEEK</b>	Revision		
<b>5<sup>TH</sup> WEEK</b>	Revision		

## DECEMBER

TOPICS / CHAPTERS			
<b>1<sup>ST</sup> WEEK</b>	Final Term Examination		
<b>2<sup>ND</sup></b>	Final Term Examination		

<b>WEEK</b>	
<b>3<sup>RD</sup> WEEK</b>	Final Term Examination