

ABHINAV BHARATI HIGH SCHOOL

CLASS IX

ENGLISH SYLLABUS

2020-2021

TERM I LITERATURE

BEEHIVE

1. The Fun They Had
2. The Road Not Taken
3. The Sound of Music
4. Wind
5. The Little Girl
6. Rain on the Roof
7. A Truly Beautiful Mind
8. The Lake Isle of Innisfree
9. The Snake and the Mirror
10. The Legend of Northland
11. My Childhood
12. No Men are Foreign

MOMENTS

1. The Lost Child
2. The Adventures of Toto
3. Ishwaran-The Story Teller
4. To the Kingdom of Fools
5. The Happy Prince

LANGUAGE

1. Tense
2. Letter Writing- Formal and Informal
3. Active and Passive voice
4. Subject- Verb Agreement/ Concord
5. Paragraph Writing
6. Modals
7. Articles
8. Direct and Indirect Speech
9. Gap Filling
10. Non-finite Verb

11. Editing and Omission
12. Conditional Clauses
13. Debate Writing
14. Sentence Re-ordering

TERM II **LITERATURE**

BEEHIVE

1. Packing
2. The Duck and the Kangaroo
3. Reach for the Top
4. On Killing A Tree
5. The Bond of Love
6. The Snake Trying
7. Kathmandu
8. A Spirit did my Slumber Seal
9. If I Were You

MOMENTS

1. Weathering the Storm in Ersama
2. The Last Leaf
3. A House is not a Home
4. The Accidental Tourist
5. The Beggar

LANGUAGE

1. Complex and Compound Sentences
2. Relative Clauses
3. Dialogue Writing
4. Report Writing
5. Adverb Clauses
6. Phrasal Verbs
7. Punctuations
8. Noun Clauses
9. Determiners
10. Prepositions
11. Story Writing

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IX PHYSICS (2020-21)

IX PHYSICS (2020-21)			SUBTOPICS
MONTHS	UNITS	TOPICS	
PRE MIDTERM			
APRIL - MAY	1	MOTION	<ul style="list-style-type: none"> • Distance and displacement • Speed and velocity • Uniform and non-uniform motion • Derivation of equations of motion • Distance-time and velocity-time graphs • Derivation of equations of motion by graphical method • Elementary idea of uniform circular motion • Numerical Problems • Activities
JUNE-JULY	2	FORCE AND LAWS OF MOTION	<ul style="list-style-type: none"> • Concept of force, balanced and unbalanced force • Newton's 1st Law of Motion, Inertia and mass • Newton's 2nd Law of Motion- its mathematical formulation from concept of linear motion. • Newton's 3rd Law of Motion, Action and Reaction forces • Conservation of linear momentum. • Numerical Problems • Activities
AUGUST	3	GRAVITATION	<ul style="list-style-type: none"> • Universal Law of Gravitation and Force of Gravity • Acceleration due to Gravity • Determination of density of a solid using spring balance. • Acceleration due to Gravity and motion under gravity. • Mass and Weight; Free fall. • Numerical Problems • Activities(Practicals) • Thrust and Pressure. • Archimedes' Principle; Buoyancy, Relative Density • Numerical Problems • Activities(Practicals)
SEPTEMBER		MID TERM	<ul style="list-style-type: none"> • Revision • MID TERM EXAMINATION
OCTOBER		PUJA VACATION	

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NOVEMBER	4	WORK AND ENERGY	<ul style="list-style-type: none">• Work done by a Force• Numerical Problems• Kinetic and Potential energy• Law of conservation of energy.• Power and commercial unit of power• Numerical Problems
DECEMBER + 5 SOUND	JANUARY		<ul style="list-style-type: none">• Production of sound• Propagation of sound• Characteristics of sound and range of hearing• Reflection of sound; echo and SONAR• Numerical Problems• Activities(Practicals)• Revsion
FEBRUARY + MARCH		REVISION AND ANNUAL EXAMINTION	

**TERMWISE SYLLABUS BREAKUP
CLASS – IX CHEMISTRY (2020-21)**

MONTHS	UNITS	TOPICS
PRE MIDTERM		
APRIL	1	MATTER IN OUR SURROUNDINGS
MAY + JUNE	2	IS MATTER AROUND US PURE
JULY	3 4	IS MATTER AROUND US PURE + ATOMS AND MOLECULES
AUGUST	4	ATOMS AND MOLECULES
SEPTEMBER		REVISION + MID TERM
OCTOBER		PUJA VACATION
NOVEMBER	5	STRUCTURE OF ATOM + PRACTICAL
DECEMBER	5	STRUCTURE OF ATOM + PRACTICAL
JANUARY		REVISION

TERMWISE SYLLABUS BREAKUP

CLASS – IX BIOLOGY (2020-21)

MONTHS	UNIT & WEEK	TOPICS	SUBTOPICS
PRE MIDTERM			
APRIL	1 WK 1-4	CELL	<ul style="list-style-type: none"> • Unicellular and multicellular organisms • Cell discovery • Prokaryotic and eukaryotic cells • Shape, size, volume structure and functions of different organelles • Osmosis, diffusion and active transport in cell membrane, cell wall, cytoplasm, chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus, ribosomes, lysosomes, nucleus, chromosomes
MAY	2 WK -1		
MAY	3 WK-2	TISSUE (Plants)	<ul style="list-style-type: none"> • Division of labour • Different plant and animal tissue • Meristematic tissue-types and functions • Permanent tissues in plants(Parenchyma, Collenchyma, Sclerenchyma, Protective tissues, Xylem and Phloem)
JUNE	4 WK 2-4		
JULY	5 Wk 1-4	TISSUE (Animals)	<ul style="list-style-type: none"> • Epithelial tissue-types • Muscular, Connective, Nervous tissue-All in detail
AUGUST	6 Wk 1-4	IMPROVEMENT IN FOOD RESOURCES	<ul style="list-style-type: none"> • Sustainable agriculture • Improvement in crop yield, • Crop types, Seasons, Crop production + Nutrient Management • Manure and fertilizer, Irrigation. Cropping Pattern • Crop production • Weed, disease, Animal husbandry- Cattle, poultry, fish, Apiculture
SEPTEMBER	7 Wk 1		
SEPTEMBER	7 WK 2-4	MID TERM	<ul style="list-style-type: none"> • Revision • MID TERM EXAMINATION
OCTOBER	PUJA VACATION		

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NOVEMBER	8 Wk 1-4	DIVERSITY IN LIVING ORGANISMS	<ul style="list-style-type: none"> • Scientific names.Hierarchy • 5 kingdom classification, Monera, Protista, Fungi, Plantae (Algae, Thallophyta, Bryophyta, Pteridophyta, Gymnosperms and Angiosperms). • Animalia (Platyhelminthes, Nematoda, Annelida, Arthropoda, Mollusca, Echinodermata, Chordata)
DECEMBER	9 Wk 1-4	WHY DO WE FALL ILL	<ul style="list-style-type: none"> • Health + Failure, Disease, Source, Factors, Types, Symptoms, Prevention, Vaccination • Malaria, Influenza, Jaundice, Rabies, Aids, Polio, T.B., Cholera, Typhoid, Diarrhoea, Peptic Ulcer (All in details)- Causes, Symptoms, Prevention.
JANUARY	Wk 1-4		
JANUARY	Wk 2-4	NATURAL RESOURCES	<p>Biosphere, Types of resources, Atmosphere, Air pollution (Causes, effects, O3 hole), Water- action of pollution, Soil - Formation, Types, Erosion, Pollution.</p> <p>Water cycle, Carbon cycle, Global warming.</p>

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Social Science (History) Syllabus

Class-IX

Term-1

MONTH	UNIT	TOPIC	SUB-TOPIC	ACTIVITIES
April May June	1	The French Revolution	<ul style="list-style-type: none">• Division of the society• Reason for the French revolution• Contribution of the Philosophers• Effect of the revolution	Map Pointing on an outline map of France point out- <ul style="list-style-type: none">• Nantes• Bordeaux• Narseillas• Paris
July August	2	Nazism-The rise of Hitler	<ul style="list-style-type: none">• Rise of the Nazis• Reason for the rise of the Nazis• Condition of the Jews under the Nazis• Effect of Nazi rule	Map Pointing On an outline map of the world point out the following major countries of second world war <ul style="list-style-type: none">• Axis power- Germany,Italy,Japan• Allied powers- UK,France,Former USSE,USA• Territories under nazi power- Austria,Poland,Cechoslovokia,Denmark,Lithuania,France,Belgium

Midterm examination: September

Syllabus: Unit- 1 and 2

Map pointing

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Term - 2

MONTH	UNIT	TOPIC	SUB-TOPIC	ACTIVITIES
November	3	Socialism in Europe and Russian Evaluation	<ul style="list-style-type: none">• The Crisis of Tzarism• The nature of social movement between 1905 and 1917• The 1st world war and foundation of Soviet state• The effect of 1st world war	<ul style="list-style-type: none">• Map pointing• On an outline map of the world point out the major countries of the 1st world war• Central powers – Germany, Austria, Hungary, Turkey (Othoman empire)• Allied powers – France, England, Russia, America
December	4	Pastoralists in the modern world	<ul style="list-style-type: none">• Pastoralism as a way of life• Different forms of pastoralism• Effect of colonial rule on pastoralism• Case study : Pastoral activity in India• Pastoral activity in Africa	<ul style="list-style-type: none">•
January	Revision	-----	-----	-----

Final term examination: February

Syllabus: Unit 1- 4

Map pointing

Text Book : NCERT prescribed text book

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PROPOSED SYLLABUS BREAKUP

SUBJECT: MATHEMATICS

CLASS: IX

SESSION: 2020-21

TERM	MONTH	TOPIC	SUBTOPIC
PRE MID TERM	APRIL	<ul style="list-style-type: none">• Number System	<ul style="list-style-type: none">• Rational Numbers
	MAY-JUNE	<ul style="list-style-type: none">• Introduction to Euclid's Geometry• Lines and angles• Triangles• Coordinate Geometry	<ul style="list-style-type: none">• Real numbers• Rationalisation• Laws of Exponents• Axioms and Postulates• Angles made by transversal with two lines• Angle sum property• Congruency of triangles• Inequalities of triangles• Coordinates of a point• Plotting of point in a plane
	JULY	<ul style="list-style-type: none">• Linear equations in two variables	<ul style="list-style-type: none">• Linear equation and its solution• Graph of linear equation in two variables

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		<ul style="list-style-type: none">• Polynomials	<ul style="list-style-type: none">• Polynomials in one variables• Zeroes, remainder theorem• Factorization & algebraic identities
		<ul style="list-style-type: none">• Heron's Formula	<ul style="list-style-type: none">• Area of triangles• Application of Heron's formula for finding areas of quadrilaterals
AUGUST		<ul style="list-style-type: none">• Quadrilaterals	<ul style="list-style-type: none">• Angle sum property of Quadrilaterals• Types and properties of parallelograms• Condition of a quadrilateral to be a parallelogram• Mid point theorem and its converse
		<ul style="list-style-type: none">• Areas of Parallelograms and Triangles	<ul style="list-style-type: none">• Parallelograms and triangles with same base and between same parallel lines
SEPTEMBER		Revision and Exam	
POST MID TERM	NOVEMBER	<ul style="list-style-type: none">• Circles	<ul style="list-style-type: none">• Theorems and results concerning equal chords of a circle

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		<ul style="list-style-type: none">• Arcs and angles subtended by them• Cyclic quadrilaterals
		<ul style="list-style-type: none">• Constructions• Construction of triangles with given base and sum or difference of other two sides• Construction of triangles with given base and perimeter
DECEMBER	<ul style="list-style-type: none">• Mensuration	<ul style="list-style-type: none">• Surface areas and volumes of cubes, Cuboids, spheres, hemispheres, right circular cylinders and cones
	<ul style="list-style-type: none">• Probability	<ul style="list-style-type: none">• Probability, focusing on empirical formula
JANUARY	<ul style="list-style-type: none">• Statistics	<ul style="list-style-type: none">• Mean, median, mode• Bar graph, histogram, frequency polygon

BOOKS: NCERT TEXTBOOK CLASS IX

SECONDARY SCHOOL MATHEMATICS CLASS IX – R.S. AGARWAL

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GEOGRAPHY

CLASS - IX

TERM	MONTH	UNIT	SUB-UNIT
Pre Mid-Term	April – May- June	1. India- location and extent	<ul style="list-style-type: none"> • Location • Standard Meridian and strategic importance
	July-August	2. India – physical features of India	<ul style="list-style-type: none"> • Physiographic divisions • General Northern Mountain • Northern plains • Peninsular Plateaus • Coastal plains, islands and Island chains
		3. Drainage	<ul style="list-style-type: none"> • Concept and types of Drainage • Rivers • Southern Rivers • Lakes and Island Drainage • Interstate water dispute
Post Mid-Term	November- December	4. Climate	<ul style="list-style-type: none"> • Weather and climate • Factors Affecting Climate of India • Monsoons • Seasons of India
		5. Vegetation and Wildlife	<ul style="list-style-type: none"> • Concept and Eco system and biome • Type of Forest Wildlife and its conservation
	January	6. Populations	<ul style="list-style-type: none"> • Causes • Factor affecting distribution of population • Process of population growth • Literacy, Health and Sex ratio • National population policy.

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POLITICAL SCIENCE

CLASS – IX

TERM	MONTH	UNIT	SUB-UNIT
Pre mid term	April – May – June	<ul style="list-style-type: none"> • What is Democracy 	<ul style="list-style-type: none"> • Features of Democracy • Free and Fair electoral competition • Rule of law • Merits and demerit
	July - August	<ul style="list-style-type: none"> • Constitutional design • Electoral politics 	<ul style="list-style-type: none"> • Need of Constitution • Making of Indian constitution • Election and its process • Election comission
September – Mid Term October – Puja Vacation			
Post mid term	November – December – January	<ul style="list-style-type: none"> • Working of Institutions • Democratic Rights 	<ul style="list-style-type: none"> • Need for political institutions • Parliament (Legislature) • P.M, President (Executive) • Judiciary • Rights in a democracy • Fundamental Rights • Fundamental Duties • National Human Rights Comission • Expanding Scope of Rights
January - Selection			

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ECONOMICS

CLASS – IX

TERM	MONTH	UNIT	SUB-UNIT
Pre mid term	April – May –	<u>Chapter-1</u> Story of village Palampur	<ol style="list-style-type: none"> 1. Introduction and organization of production 2. Farming in Palampur 3. Land distribution and other activities 4. Non farm activities 5. Case studies for various activities (Q + Ans)
	June	<u>Chapter-2</u> People as resource	<ol style="list-style-type: none"> I. Concept of human resource II. Case studies on human resource
	July	<u>Chapter-2</u> People as resource	<ol style="list-style-type: none"> i. Case studies on human resource (Specially education and health) ii. Unemployment concept and types
	August	<u>Chapter-2</u> People as resource	<ol style="list-style-type: none"> I. Case studies on types of unemployment II. Question and answer discussion
Post mid term	November	<u>Chapter-3</u> Poverty as a challenge	<ol style="list-style-type: none"> I. Introduction of concept of poverty II. Case studies for rural and urban sector III. Serial exclusion and vulnerability, poverty life IV. Poverty estimation and different cases shown by Shiveraman V. Inter-state disparities VI. Global poverty scenario VII. Causes of poverty VIII. Anti-poverty measure IX. Current challenges of poverty
	December	<u>Chapter-4</u> Food security in India	<ol style="list-style-type: none"> i. Concept of food security ii. Reasons for food insecurity iii. Story of Ramu and Ahmed iv. Condition of states regarding food security v. Concept of support price, Buffer stock and public distribution system vi. Current status of public distribution system vii. Role of comparatives viii. Question and answer

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हिंदी पाठ्यक्रम - अ (कोड सं. - 002)
कक्षा 9वीं हिंदी अ -परीक्षा हेतु पाठ्यक्रम विनिर्देशन 2020-21

परीक्षा भार विभाजन				
		विषयवस्तु	उप भार	कुल भार
1	अपठित गद्यांश(चिंतन क्षमता एवं अभिव्यक्ति कौशल पर) अति लघूत्तरात्मक एवं लघूत्तरात्मक प्रश्न पूछे जाएंगे।			10
	एक अपठित गद्यांश (100 से 150 शब्दों के) (1x2=2) (2x4=8)		10	
2	व्याकरण के लिए निर्धारित विषयों पर विषय-वस्तु का बोध, भाषिक बिंदु /संरचना आदि परप्रश्न (1x16)			16
	व्याकरण			
	1	शब्द निर्माण उपसर्ग - 2 अंक, प्रत्यय - 2 अंक, समास -4 अंक	8	
	2	अर्थ की दृष्टि से वाक्य भेद - 4 अंक	4	
3	अलंकार - 4 अंक (शब्दालंकार: अनुप्रास, यमक, श्लेष) (अर्थालंकार : उपमा, रूपक, उत्प्रेक्षा, अतिशयोक्ति, मानवीकरण)	4		
3	पाठ्यपुस्तक क्षितिज भाग - 1 व पूरकपाठ्यपुस्तक कृतिका भाग -1			34
	अ	गद्य खंड	14	
	1	क्षितिज से निर्धारित पाठों में से गद्यांश के आधार पर विषय-वस्तु का ज्ञान बोध, अभिव्यक्ति आदि पर तीन प्रश्न पूछे जाएंगे। (2x3)	6	
	2	क्षितिज से निर्धारित गद्य पाठों के आधार पर विद्यार्थियों की उच्च चिंतन क्षमताओं एवं अभिव्यक्ति का आकलन करने हेतु चार प्रश्न पूछे जाएंगे।(2x4) (विकल्प सहित)	8	
	ब	काव्य खंड	14	
	1	क्षितिज से निर्धारित कविताओं में से काव्यांश के आधार पर तीन प्रश्न पूछे जाएंगे (2x3)	6	

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		2	श्रुतिज से निर्धारित कविताओं के आधार पर विद्यार्थियों का काव्यबोध परखने हेतु चार प्रश्न पूछे जाएंगे। (2x4) (विकल्प सहित)	8	
	स		पूरक पाठ्यपुस्तक कृतिका भाग - 1	6	
			कृतिका के निर्धारित पाठों पर आधारित दो प्रश्न पूछे जाएंगे (विकल्प सहित)। (3x2)	6	
4		लेखन			
	अ		विभिन्न विषयों और संदर्भों पर विद्यार्थियों के तर्कसंगत विचार प्रकट करने की क्षमता को परखने के लिए संकेत बिंदुओं पर आधारित समसामयिक एवं व्यावहारिक जीवन से जुड़े हुए विषयों में से किन्हीं तीन विषयों पर 80 से 100 शब्दों में किसी एक विषय पर अनुच्छेद (5x1)	5	20
	ब		अभिव्यक्ति की क्षमता पर केंद्रित औपचारिक अथवा अनौपचारिक विषयों में से किसी एक विषय पर पत्र। (5x1)	5	
	स		किसी एक विषय पर संवाद लेखन। (5x1) (विकल्प सहित)	5	
	द		लघु-कथा लेखन (दिए गए प्रस्थान बिंदु के आधार पर 100-120 शब्दों में) (विकल्प सहित)	5	
			कुल	80	

निर्धारित पुस्तकें :

1. श्रुतिज, भाग-1, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण
2. कृतिका, भाग-1, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण

नोट : पाठ्यक्रम के निम्नलिखित पाठ केवल पढ़ने के लिए होंगे।

श्रुतिज (भाग - 1)	<ul style="list-style-type: none"> उपभोक्तावाद की संस्कृति एक कुत्ता और एक मैना साखियों व सबद पाठ से सबद - 2 संतो भाई आई.. बाम श्री
कृतिका (भाग - 1)	<ul style="list-style-type: none"> इस जल प्रलय में किस तरह आखिरकार में हिंदी भाषा में आया