


Abhinav Bharati High School

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Syllabus for Academic Year – 2021-2022

(Primary Section)

Class - 7

Abhinav Bharati High School

Secondary & Senior Secondary Section
Syllabus for Academic Year - 2021-2022

Class : VII

Subject : English Lit & Lang

Month	LITERATURE	LANGUAGE
April	Engine Trouble	Nouns, Pronouns , Medals
June	Stopping by woods in the Snowy Evening	Verbs, Tense, Adjectives.
July	The Cat	Formal letters-Editor, principal, transitive and Intransitive.
August	Jane Eyre	Phrases and Clauses Paragraph writing
September	Lake Isle of Innisfree A slumber Did My spirit Seal	Determiners, Subject verb Agreement, Finite And Non-Finite verbs
October	Pied Piper of Hamelin	Biosketch, Adverbs
November	The Hero Hearts and Hands	Active-Passive voice Preposition, conjunction
December	The Diamond Necklace	Direct and Indirect Speech, Comprehension.

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Secondary & Senior Secondary Section
Syllabus for Academic Year - 2021-2022

Class : VII

Subject : MATHEMATICS

Book-

1. Number Magic class
VII(Ratna Sagar)
2. Concert
mathematics class
VII (ORIENT BLACK
SWAN)

MONTH	CHAPTER	TOPICS
April, May-June	Integers	Addition
		Subtraction
		Multiplication
		Division of Integers
	Fractions	Proper Fraction
		Improper Fraction
		Kinds of Fraction
	Addition, Subtraction, Multiplication and Division of Fractions	
July	Decimals	Converting a decimal into fraction
		Converting a fraction into a decimal
		Addition and Subtraction of decimals
		Multiplication and division of decimals & its related
		Problem sums
	Rational Numbers	Propertise of Rational numbers
		Representation of rational numbers on real line or number line
		Arranging in ascending and descending order

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		Addition & Subtraction of Rational numbers
		Multiplication and division of Rational Numbers
August	Lines and Angles	Complement & Supplement Angles
		Finding angles on a straight line
	Properties of parallel lines	Parallel Lines
		Transversal
		Corresponding Alternate Interior, Alternate Exterior, Consecutive interior angles
	Angles formed when a transversal cuts two parallel lines	
September	Exponents	Base and powers
		Exponential form
		Simplify
		Powers of rational numbers
		Reciprocal of a rational number
		Laws of exponents
		Expressing large numbers in the standard form
	Ratio and Proportion	Simplest form
		Problem sums on ratio
		Proportion proving
	Finding fourth proportion ,Continued Proportion and mean proportion	
	Direct and inverse variations(unitary method)	
October	Simple Equation	Linear equations in one variables
		Forming an equation
		Solving an Equations
		Transposition
		Cross Multiplication

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		Application of simple equation
	Comparing Quantities(Percentage)	Percentage and its application and its word problems
November	Comparing Quantities(II, Profit ad loss)	Finding profit ,loss and its %.
		Finding S.P when C.P and profit % and loss% are given
		Word problems on profit and loss
	Simple Interest	Terms and Formulae related to simple Interest
	Triangle and its Properties	Medians of a Triangle
		Attitude of a Triangle
Properties of the angles of triangle		
Exterior Angle property of triangle		
	Pythagoras property	
December	Perimeter and Area	Perimeter and Area of Rectangle
		Perimeter and Area of a Square
		Circumference and area of a circle
	Practical Geometry	Constructions of parallel lines
		Construction of Triangles

Abhinav Bharati High School

Secondary & Senior Secondary Section
Syllabus for Academic Year - 2021-2022

Class : VII

Subject : SCIENCE

Month	Unit	Chapter	Sub Topic
April- May	1	Language of Chemistry	Symbolos, formulae, chemical equation Valency Obtaining the formulae of Compounds
	2	Acids, Bases and Salts	Acids, bases, salts Natural indicators around us Neutralization related activities Neutralization in everyday life Identifying acidic and basic Household substances Acids- their general behaviour and uses Basic substances Bases-their general behaviour and uses Salts found in nature
June	5	Heat	Introduction-heat and temperature Measuring tempearature-scales of temper cure Clinical thermometer Laboratory Thermometer Effects of heat Transfer of Heat- Conduction Convection Radiation Kinds of clothes we wear in summer & winter
July	9	Obtaining and Utilizing food	Introduction and Autotrophic nutrition Heterotrophic nutrition Special type of Nutrition The human digestive system (to be contd) The human digestive system . Digestion in herbivore
August	3	Changes & Reactions	Physical and chemical changes and their related

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			activities
			Rusting of Iron Crystallization Types of chemical reactions
	15	Wind , Storm & Rain	Air pressure Speed of wind and air pressure Air expands on heating Wind currents Thunder storms & cyclones Effective safety measures
August	4	Pre- Mid Term Soil	Soil teeming with life Soil profile & types Properties of soil Moisture In soil Absorption of water by soil Soil and crops.
August	6	Time motion & speed (to be contd)	Measurement of time -description of time measuring device Interval of time Unit related to time Simple pendulum - related terms
September	11	Respiration in plants & animal	Process of respiration Respiratory organs in some animals Experiments Respiration in Man Anaerobic respiration
September	4	Fibers from animals	Silk and wool Differentiating silk & wool from artificial fabric
September	16	Water	Availability of water Forms of water Groundwater-an important source of water Depletion of water table Distribution of water Water management Our role in water conservation Effect of Scarcity of water.
October	6	Time, motion and Speed	Speed

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Secondary & Senior Secondary Section
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Distance time graph
Relevant numerical problems

Introduction & asexual reproduction
Sexual reproduction.

October		Reproduction in plants	
November	18	Waste, water story (to be contd)	Water our life Sewage, sewer, sewerage Waste water treatment plant(WWTP) Better housekeeping practices Sanitation and disease Sanitation at public places
November	7	Electricity	Symbols of electric components Electric circuits Circuit diagrams Heating effect of electric current Magnetic effect of electric current Electromagnet Electric bell
	18	Waste management	Sources of liquid wastes Wetlands To reduce the load of pollutants in waste water Other waste disposal systems
December	10	Transport & Excretion	Transport in plants The Circulatory system Removal of waste.
	8	Light	Rectilinear propagation of light Reflection of light - regular & irregular reflection of light Laws of Reflection Images - real & virtual Lateral inversion Types of spherical mirror Types of lenses Nature of images formed by lenses Sunlight - white or colored
Jan-22	13	Weather, Climate & Adaptation of animals to climate	Introduction - weather & climate Climate & Adaptation

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Secondary & Senior Secondary Section
Syllabus for Academic Year - 2021-2022

17

Forests

Introduction & Forest Products
Environmental Balance
A natural habitat
Deforestation
Delhi Ridge - a case study.

TEXTBOOK REFERRED- BASIC SCIENCE CL VII (Bharati Bhawan)

ABHINAV BHARATI HIGH SCHOOL

Secondary & Senior Secondary Section
Syllabus For Academic Year-2021-2022

Class : 7

Subject : HINDI

प्रथम सत्र

अप्रैल

सुनहरी धूप : हींगवाला, बरसात की आती हवा
बोली लिपि और व्याकरण
लेखन - कौशल : अपठित गद्यांश

व्याकरण : भाषा

मई

सुनहरी धूप : महान विभूति: राजेंद्र प्रसाद
नंदिनी : रानी दुर्गावती
व्याकरण : वर्ण - विचार
लेखन - कौशल : अनुच्छेद - लेखन

जून

सुनहरी धूप : स्वास्थ्य ही जीवन है
व्याकरण : संज्ञा, सर्वनाम, क्रिया, विशेषण, (विकारी शब्द) लेखन -
कौशल : पत्र लेखन, चित्र वर्णन

जुलाई

ABHINAV BHARATI HIGH SCHOOL

Secondary & Senior Secondary Section
Syllabus For Academic Year-2021-2022

Class : 7

Subject : HINDI

सुनहरी धूप : युगावतार गांधी

नंदिनी : चैतन्य महाप्रभु

व्याकरण : पर्यायवाची, विलोम, अनेक शब्दों के लिए एक शब्द,
अनेकार्थक शब्द।

लेखन -कौशल : अनुच्छेद लेखन, चित्र वर्णन

अगस्त

सुनहरी धूप : छोटा जादूगर, पुनरावृत्ति कार्य

व्याकरण : पुनरावृत्ति कार्य

लेखन -कौशल : पुनरावृत्ति कार्य

द्वितीय सत्र

सितंबर

सुनहरी धूप : भक्ति के भाव सुमन

नंदिनी : रवींद्र नाथ टैगोर

व्याकरण : क्रिया, काल, उपसर्ग, प्रत्यय

लेखन -कौशल : निबंध लेखन

अक्टूबर

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Secondary & Senior Secondary Section
Syllabus For Academic Year-2021-2022

Class : 7

Subject : HINDI

सुनहरी धूप : माँ: जीवन संचालिका

व्याकरण : क्रिया विशेषण, संबंधबोधक, समुच्चयबोधक,
विस्मयादिबोधक।

लेखन -कौशल : पत्र लेखन

नवंबर

सुनहरी धूप : बूढ़ी काकी

नंदिनी : उस्ताद बिरिमल्लाह खां

व्याकरण: समास,मुहावरे, वाक्य विचार और लोकोक्तियां लेखन -कौशल :
अपठित गद्यांश, ई -मेल लेखन

दिसंबर

सुनहरी धूप: देवताओं का अंचल: कुल्लू

व्याकरण: वाक्य के भेद

लेखन कौशल: अनुच्छेद लेखन, पत्र लेखन, अपठित गद्यांश

जनवरी

सुनहरी धूप: चलना हमारा काम है, पुनरावृत्ति कार्य

व्याकरण: पुनरावृत्ति कार्य

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Class : 7

Subject : HINDI

लेखन -कौशल: पुनरावृत्ति कार्य

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Syllabus for Academic Year - 2021-2022

Class : VII

Subject :Bengali

Term 1 : দুই সংগী (নীতি কথা)

বাঘ কে বাঁচাও - অননন্দা শংকর রায়

মেঘের মূলুক - উপেন্দ্রকিশোর রায়চৌধুরী

নৌকা যাত্রা - রবীন্দ্রনাথ ঠাকুর

সিংহ ও খরগোশ এর গল্প (পঞ্চতন্ত্র)

ব্যাকরণ : লিঙ্গ পরিবর্তন, সমার্থক শব্দ, বিপরীত শব্দ, comprehension.

রাজ বাংলা ব্যাকরণ : chapter 8, 13, and 14 .

Term 2 জালা কুঁজো সংবাদ - সুকুমার রায়

পারিব না - কালীপ্রসন্ন ঘোষ

সত্য মিথ্যা -

সিদ্ধার্থের মায়া মমতা

গিরিরাম পোদ্দার

ব্যাকরণ : লিঙ্গ পরিবর্তন, সমার্থক শব্দ, বিপরীত শব্দ , comprehension

রাজ বাংলা ব্যাকরণ : chapters 8.13 and 14.

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Secondary & Senior Secondary Section
Syllabus for Academic Year - 2021-2022

Class : VII

Subject : Geography History Civics Syllabus

April	Geography`	Environment
May	History	1. Kings and Kingdoms of the Early Medieval period <ul style="list-style-type: none">• The Chola Kingdom 2. The Delhi Sultanate <ul style="list-style-type: none">• The Slave dynasty• The Lodi dynasty
June	Civics	The State Government - Its working and role
July	Geography	1. Inside our Earth <ul style="list-style-type: none">• Structure of the Earth• Rocks and Minerals 2. Our Changing Earth <ul style="list-style-type: none">• Plate tectonics• Volcanoes and earthquakes
August	History	The Mughal Empire
	Geography	Natural Vegetation & wild life
Sept	Civics	Role of government In Healthcare
October	Geography	1. Elements of Weather and Climate
November	History	Religious Development s
December	History	Political formation in the 18 th century.

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Secondary & Senior Secondary Section
Syllabus for Academic Year – 2021-2022

Syllabus for the year 2021-2022

Class -7

Sub: Computer

Term I :

Ch. 1 : Computer Ethics and Crimes.

Ch. 5 : Data Representation in Computer

Ch. 6 : Introduction to HTML

Ch. 7 : Formatting in HTML

Term 2 :

Ch 8: Lists and Images in HTML

Ch 11: Network Concept

Ch 12 : Internet E -Commerce & More