

CLASS : VIII (2020-2021)
SCIENCE SYLLABUS

Month	Topic
April	<ul style="list-style-type: none">• Crop Production and Management• The Microbial World• Combustion, Flames and Fuels
May	<ul style="list-style-type: none">• Synthetic Fibres and Plastics
July	<ul style="list-style-type: none">• Metals and Non Metals• Coal and Petroleum• Force and Pressure
August	<ul style="list-style-type: none">• Cell- Structure and Functions• Friction
September	Half Yearly Exams
October	<ul style="list-style-type: none">• Conservation of Animals and Plants• Reproduction in Animals• Reaching the Age of Adolescence
November	<ul style="list-style-type: none">• Sound• Some Natural Phenomena
December	<ul style="list-style-type: none">• Chemical Effect of Electric Current• More about Light
January	<ul style="list-style-type: none">• Stars and the Solar System• Pollution of Air and Water
February	<ul style="list-style-type: none">• Revision for annual exams
March	Annual Exams

CHAPTERWISE ACTIVITIES
(2019-20)
ENGLISH - CLASS VIII

S.NO.	MONTHS	TOPICS	ACTIVITIES
1	APRIL-MAY	THE GUEST HOUSE (LR)	EXERCISE ON METAPHORS
			SHARING EXPERIENCES-AN INCIDENT WHEN YOU WERE KIND AND GENEROUS TO SOMEONE
		A CHRISTMAS CAROL (LR)	STORY WRITING AND NARRATION
		DUSK (LR)	PREPARING A TOURIST BROCHURE
		AN INDIAN KALEIDOSCOPE (CB)	
		AN INDIAN KALEIDOSCOPE (WB)	EXERCISES IN THE BOOK
		GRAMMAR- COLLOCATIONS, CLAUSES	WRITTEN EXERCISES FOR PRACTICE
		TALES FROM SHAKESPEARE (SR)- L 1	
2	JULY	MILK FOR THE CAT (LR)	EXERCISE ON PROVERBS AND IDIOMS
			PARAGRAPH WRITING- 'CAN PEOPLE OF DIFFERENT TEMPERAMENTS BE FRIENDS?'
		THE NEW SCHOOLFELLOW (LR)	DESIGNING A POSTER
		ART AND CULTURE (CB)	EXERCISES IN THE BOOK
		ART AND CULTURE (WB)	
		GRAMMAR-SIMPLE, COMPLEX AND COMPOUND SENTENCES	WRITTEN EXERCISES FOR PRACTICE
		TALES FROM SHAKESPEARE- L 2	
3	AUGUST	A BOND FOR LIFE (LR)	DIARY ENTRY- 'A DAY IN THE LIFE OF HELEN KELLER'
		THE LOUSE AND THE MOSQUITO (LR)	POETRY READING- OTHER POEMS OF VIKRAM SETH
		THE ADVENTURE EXPRESS(CB)	REPORT WRITING
		THE ADVENTURE EXPRESS (WB)	EXERCISES IN THE BOOK
		GRAMMAR-IDIOMS	WRITTEN EXERCISES FOR PRACTICE
		TALES FROM SHAKESPEARE- L 3	
4	SEPTEMBER	THREE QUESTIONS(LR)	CREATIVE WRITING EXERCISE
		INVENTIONS AND DISCOVERIES (CB)	QUIZ- SCIENTISTS AND THEIR DISCOVERIES
		INVENTIONS AND DISCOVERIES (WB)	
		GRAMMAR- PREPOSITIONS	EXERCISES IN THE BOOK
			WRITTEN EXERCISES FOR PRACTICE

5	OCTOBER	THE CASKET TEST(LR)	CHARACTERSKETCH WRITING- 'SHYLOCK- THE ANTI-HERO'
		THE CANE BOTTOM'D CHAIR (LR)	POEM COMPOSITION on 'SOMEONE I LOVE'
		THE MAGIC OF WORDS (CB)	EXERCISE ON PALINDROMES
		THE MAGIC OF WORDS (WB)	EXERCISES IN THE BOOK
		GRAMMAR- NON-FINITES	WRITTEN EXERCISES FOR PRACTICE
		TALES FROM SHAKESPEARE- L 4	
6	NOVEMBER	THE POOL (LR)	STORY READING-OTHER SHORT STORIES OF RUSKIN BOND
			LETTER TO THE EDITOR- THE IMPORTANCE OF CONSERVING OUR NATURAL RESOURCES
		HEAL THE EARTH (CB)	EXERCISES IN THE BOOK
		HEAL THE EARTH (WB)	WRITTEN EXERCISES FOR PRACTICE
		GRAMMAR- PHRASAL VERBS	
		TALES FROM SHAKESPEARE- L 5	
7	DECEMBER	THE TROJAN WAR(LR)	WORDSEARCH- FORMS OF STORYTELLING
		GRAMMAR- ACTIVE AND PASSIVE VOICE	WRITTEN EXERCISES FOR PRACTICE
		TALES FROM SHAKESPEARE- L 6	
8	JANUARY	IN THE NAME OF PEACE (CB)	CLASS DISCUSSION- 'THE KIND OF WORLD I WOULD LIKE TO LIVE IN'
		GRAMMAR-DIRECT AND REPORTED SPEECH	WRITTEN EXERCISES FOR PRACTICE
9	FEBRUARY	IN THE NAME OF PEACE (CB)	EXERCISES IN THE BOOK
		REVISION FOR SA II	

दि इण्डियन स्कूल
कक्षा – आठ
पाठ्यक्रम– हिन्दी (2019–20)

प्रथम सत्र

अप्रैल

वसंत – लाख की चूड़ियाँ
दीवानों की हस्ती
अमृत संचय – गौरा
व्याकरण – वर्ण विच्छेद , अनुस्वार , अनुनासिक , नुक्ता
रचनात्मक लेखन – अनुच्छेद लेखन

मई

वसंत – बस की यात्रा
ध्वनि (श्रवण एवं वाचन कौशल)
व्याकरण – उपसर्ग , प्रत्यय
रचनात्मक लेखन – संवाद लेखन

जुलाई

वसंत – क्या निराश हुआ जाए
व्याकरण – स्वर संधि – दीर्घ, गुण (पुनरावृत्ति) वृद्धि , यण
विराम चिह्न
रचनात्मक लेखन – औपचारिक पत्र (प्रधानाचार्या के लिए)
अपठित गद्यांश

अगस्त

वसंत – कबीर की साखियाँ
कामचोर (मंचन हेतु) (श्रवण एवं वाचन कौशल)
अमृत संचय – सोना
व्याकरण – मुहावरे (1–20) , विज्ञापन
व्याकरण – अपठित पद्यांश

सितम्बर – पुनरावृत्ति (अर्धवार्षिक परीक्षा)

द्वितीय सत्र

अक्टूबर

वसंत – जब सिनेमा ने बोलना सीखा (एक फ्लो चार्ट भी)
अमृत संचय – नीलू
व्याकरण – समरूपी भिन्नार्थक (1-15)
रचनात्मक लेखन – अनुच्छेद

नवम्बर

वसंत – सुदामा चरित
अकबरी लोटा
(श्रवण एवं वाचन कौशल)
व्याकरण – वाक्य विचार – वाक्य के अंग , भेद (रचना के आधार पर)
वाक्य शुद्धि
रचनात्मक लेखन – विज्ञापन लेखन , अपठित गद्यांश

दिसम्बर

वसंत – पानी की कहानी (एक फ्लो चार्ट भी)
भगवान के डाकिए
व्याकरण – वाच्य
रचनात्मक लेखन – औपचारिक पत्र (संपादक के लिए)
चित्र वर्णन

जनवरी

वसंत – बाज और साँप (संवाद प्रस्तुति पाठ में आए मुहावरों के प्रयोग सहित)
(श्रवण एवं वाचन कौशल)
अमृत संचय – दुर्मुख
व्याकरण – समास- तत्पुरुष , द्विगु , कर्मधारय , द्वंद्व
रचनात्मक लेखन – विज्ञापन लेखन , अपठित पद्यांश

फरवरी

वसंत – सूर के पद (कृष्ण लीलाओं का वर्णन मौखिक अभिव्यक्ति)
(श्रवण एवं वाचन कौशल)

पुनरावृत्ति (वार्षिक परीक्षा)

THE FOUNDATION SCHOOL
SYLLABUS (2020-2021)
CLASS : VIII
SUBJECT : MATHEMATICS

OBJECTIVES

The broad objectives of teaching of Mathematics at secondary stage are to help the learners to:

- consolidate the Mathematical knowledge and skills acquired at the upper primary stage
- acquire knowledge and understanding, particularly by way of motivation and visualisation, of basic concepts, terms, principles and symbols and underlying processes and skills.
- develop mastery of basic algebraic skills
- develop drawing skills
- feel the flow of reason while proving a result or solving a problem
- apply the knowledge and skills acquired to solve problems and wherever possible, by more than one method
- to develop ability to think, analyse and articulate logically
- to develop awareness of the need for national integration, protection of environment, observance of small family norms, removal of social barriers, elimination of gender biases
- to develop necessary skills to work with modern technological devices and mathematical software's.
- to develop interest in mathematics as a problem-solving tool in various fields for its beautiful structures and patterns, etc.
- to develop reverence and respect towards great Mathematicians for their contributions to the field of Mathematics
- to develop interest in the subject by participating in related competitions
- to acquaint students with different aspects of Mathematics used in daily life
- to develop an interest in students to study Mathematics as a discipline.

RATIONAL NUMBER	<ul style="list-style-type: none"> • Properties of rational numbers. (including identities). Using general form of expression to describe properties • Consolidation of operations on rational numbers. • Representation of rational numbers on the number line • Between any two rational numbers there lies another rational number (Making children see that if we take two rational numbers then unlike for whole numbers, in this case you can keep finding more and more numbers that lie between them.) • Word problem (higher logic, two operations, including ideas like area)
SQUARE AND SQUARE ROOT	<ul style="list-style-type: none"> • Properties of square numbers • Patterns • Finding the square of a number • Pythagorean triplet • Finding square roots by. <ul style="list-style-type: none"> ○ prime factorization ○ division method • Square roots of decimal • Estimating square root
CUBES AND CUBE ROOTS	<ul style="list-style-type: none"> • Cubes • Cube Roots
LINEAR EQUATIONS IN ONE VARIABLE	<ul style="list-style-type: none"> • Solving equations having variable on one side. • Application of linear equations • Solving equations having variable on both side • Reducing equation to simpler form • Equations reducible to the linear form
ALGEBRAIC EXPRESSIONS AND IDENTITIES	<ul style="list-style-type: none"> • Expressions • Terms, factors and coefficients • Monomials, binomials and polynomials. • Like and unlike terms • Addition and subtraction of Algebraic Expressions • Multiplication of Algebraic expressions • Multiplying a monomial by a monomial • Multiplying a monomial by a polynomial • Multiplying a polynomial by a polynomial • Standard Identities
PRACTICAL GEOMETRY	<ul style="list-style-type: none"> • Construction of quadrilaterals • Some special cases of quadrilateral

UNDERSTANDING QUADRILATERALS	<ul style="list-style-type: none"> • Polygons • Sum of measure of exterior angle of a polygon • Types of quadrilaterals • Some special parallelograms
COMPARING QUANTITIES	<ul style="list-style-type: none"> • Increase or decrease percent • Discounts • Profit and Loss • Sales Tax/ VAT • Compound Interest • Rate compounded annually or half yearly • Applications of Compound Interest
DATA HANDLING	<ul style="list-style-type: none"> • Organising data • Group data • Circle graph or Pie chart • Chance and Probability
VISUALISING SOLID SHAPES	<ul style="list-style-type: none"> • Views of 3 D shapes • Euler's Formula • Mapping space around us • Faces, Edges and Vertices
MENSURATION	<ul style="list-style-type: none"> • Solid shapes • Surface area of cube, cuboid and cylinders • Volume of cube, cuboid and cylinder • Volume and Capacity
EXPONENTS AND POWERS	<ul style="list-style-type: none"> • Powers with negative exponents • Laws of exponents • Use of exponents to express small numbers in standard form
DIRECT AND INVERSE PROPORTION	<ul style="list-style-type: none"> • Direct Proportion • Inverse Proportion
FACTORISATION	<ul style="list-style-type: none"> • Factorisation by common factors • Factorisation by regrouping terms • Factorisation using identities. • Division of polynomials
INTRODUCTION TO GRAPHS	<ul style="list-style-type: none"> • Linear graphs • Applications of graphs
PLAYING WITH NUMBERS	<ul style="list-style-type: none"> • Letters for digits • Tests of divisibility

THE FOUNDATION SCHOOL
ANNUAL SYLLABUS (2019-20)
SOCIAL SCIENCE
CLASS VIII

MONTH	TOPIC	CHAPTER No.	SUBJECT
APRIL	How, When and Where	1	History
	From Trade to Territory	2	
	Resources	1	Geography
	Indian Constitution	1	Pol. Sci.
MAY	Ruling the Countryside	3	History
	Land, Water, Soil, Natural Vegetation and Wildlife	2	Geography
	Understanding Secularism	2	Pol. Sci.
	Why do we need a Parliament	3	
JULY	Tribals, Dikus and the Vision of a Golden Age	4	History
	Land, Water, Soil, Natural Vegetation and Wildlife (contd...)	2	Geography
	Understanding Laws	4	Pol. Sci.
	Judiciary	5	

AUGUST	When people Rebel	6	History
	Colonialism and the City	7	
	Agriculture	4	Geography
	Understanding our Criminal Judicial System	6	Pol. Sci.
OCTOBER	Minerals and Power Resources	3	Geography
	Weavers, Iron Smelters and Factory Owners	7	History
	Understanding Marginalization	7	Pol. Sci.
NOVEMBER	Civilising Nature	8	History
	Minerals and Power Resources	3	Geography
	Confronting Marginalisation	8	Pol.Sci.
DECEMBER	Women, Caste and Reform	9	History
	The Making of National Movements	10	
	Industries	5	Geography
JANUARY	India after Independence	11	History
	Human Resources	6	Geography
	Public Facilities	9	Pol. Sci.