

SARALA BIRLA PUBLIC SCHOOL, Ranchi

Syllabus 2017-2018

Name : _____ UID: _____ Class:IX _____

Subject :English (101)

Prescribed Books:	1)	English Literature Reader(NCERT)
	2)	English Course Book(NCERT)
	3)	Main Course Book(NCERT)
	4)	Three Men in a Boat
Month	Total No. of periods	Lesson/Chapter
April	20	How I taught My Grandmother to Read(Ch-1,Lit.),Determiners(unit-2,W/B),Diary Entry
May	9	The Road Not Taken(Ch -7), Villa For Sale(ch-13)
June	14	A Dog Named Duke (Ch-2, Lit.), Article Writing, Verb Form(unit 1,W/B),The Brook(Ch-6,Lit.)
July	21	The Brook(Contd.)(Ch-6), Connectors, The Man who knew too much(Ch-3), Modals, The Seven Ages
August	21	Lord Ullin's Daughter(Ch-9), Three Men in a Boat(Ch 1-10), Story Writing, Informal Letter
September	18	REVISION + HALF YEARLY EXAM
October	16	Keeping it From Harold, Future Time Reference, Oh, I wish I'd looked after Me teeth, The Passive Voice
November	21	The Bishop's Candlesticks(Ch-14), Reported Speech, Preposition
December	16	Best Seller(ch-5), Song of the Rain(Ch-12)
January	20	Three Men in a Boat (Ch 11-20),Formal Letter
February		REVISION + FINAL TERM
March		

Syllabus for Term Exams and Periodic Test

TERM-1

Periodic Test	1)How I taught my Grandmother to Read, Determiners, Diary Entry
	2)Villa for Sale, Verb Form, Article Writing, Diary Entry
Activities	1)Poem writing(Write a self-framed Nature poem)
	2)Debate
	3)Advertisement
	4)Dramatic Play

TERM-2

Periodic Test	1)The Man who knew too Much, The Seven Ages, Connectors, Diary Entry, Determiners, Article Writing
	2)Keeping it from Harold, Oh, I wish I'd looked after Me teeth, Passive Voice, Determiners, Article Writing, Diary Entry
Activities	1)Enumerate those things which are 'SEVEN' in number
	2)Spin a Yarn-Weave a story about a man known by you who is accustomed to show-boat(in pairs)
	3)Collect information about child prodigies(in pairs)
	4)Quiz on Passive Voice
SA I	Syllabus taught till August
	WEIGHTAGE :
	READING: 20 MARKS
	WRITING AND GRAMMAR: 30 MARKS
SA 2	COMPLETE SYLLABUS
	WEIGHTAGE :
	READING: 20 MARKS
	WRITING AND GRAMMAR: 30 MARKS
Special Periodic test 1	1. The Road Not Taken (Poem) 3. Article writing

	2. A Dog Named Duke (Fiction) 4. Determiners
Special Periodic Test 2	1. The Bishop's Candlesticks (Drama)
	2. Reported Speech and Preposition
	3. Song Of The Rain (Poem)
	4. Story Writing

Subject :Hindi (002)

Prescribed Books:	1)	क्षितिज भाग 1 (एन. सी. ई. आर. टी.)		
	2)	व्याकरण वाटिका (मधुबन प.)		
	3)	कृतिका भाग 1 (एन. सी. ई. आर. टी.)		
Month	Total No. of periods	क्षितिज 1	व्याकरण	कृतिका 1
April	20	1. दो बैलों की कथा 2. साखियाँ एवं सबद	शब्द -निर्माण (3)उपसर्ग ,पत्र	
May	09	1. ल्हासा की ओर 2. वाख	प्रतिवेदन	
June	18	1. उपभोक्तावाद की संस्कृति 2. सवैये	प्रत्यय,समास अपठित बोध	1.इस जल प्रलय में
July	24	1. साँवले सलोन की याद	5. अर्थ की दृष्टि से वाक्य भेद	2. मेरे संग की औरतें

August	23	1. कैदी और कोकिला 2. ग्राम श्री	7. अलंकार 10. निबंध	
September	Revision + Half Yearly Exam			
October	16	5. नाना साहब की पुत्री..... 11. चन्द्र ग्रहण से लौटती बेर	3. उपसर्ग-प्रत्यय	
November	23	6. प्रेमचन्द के फटे जूते 15. मेघ आए	11. प्रतिवेदन	3. रीढ़ की हड्डी
December	18	7. मेरे बचपन के दिन 16. यमराज की दिशा	1. अपठित बोध 5. वाक्य भेद	4. माटीवाली
January	22	8. एक कुत्ता और एक मैना 17. बच्चों काम पर जा रहे हैं	7. अलंकार 3. समास	5. किस तरह आखिरकार मैं हिन्दी में आया
February	Revision + Annual Exam			
March				
Syllabus for Term Exams and Periodic Test				
TERM-1				
Periodic Test	1) दो बैलों की कथा, उपसर्ग, सांखियाँ एवं सबद, पत्र लेखन			
	2) वाख, पत्र लेखन, प्रत्यय, लहासा की ओर			
Activities	1) अपठित बोध			
	2) परियोजना कार्य			
	3) निबंध लेखन			
	4) प्रतिवेदन लेखन/कक्षाकार्य व गृहकार्य कॉपी			

TERM-2

Periodic Test	1) प्रेमचन्द के फटे जूते, अलंकार , चन्द्रग्रहना से लौटती बेर, प्रत्यय, उपसर्ग
	3) मेघ आए, अपठित बोध, समास, अलंकार, पत्र-लेखन
Activities	1) पत्र-लेखन
	2) वाचन
	3) निबंध लेखन
	4) परियोजना कार्य/ कक्षाकार्य व गृहकार्य कॉपी
Special Periodic Test 1	अप्रैल से जून तक पढ़ाए गए सभी पाठ ।
Special Periodic Test 2	अक्टूबर से दिसम्बर तक पढ़ाए गए सभी पाठ ।

Subject : Mathematics (041)

Prescribed Books	1)	Mathematics textbook for 9 NCERT
	2)	Mathematics class9 (RS AGARWAL) 3) Mathematics Activities and Projects. (Laxmi publications)
Month	Total No. of periods	Lesson/Chapter
April		Ch 1 Number System
May		Ch 2 Polynomials
June		Ch 2 Polynomials (contd.), Ch 3 Co-ordinate Geometry
July		Ch 5 Introduction to Euclid's Geometry, Ch 6 Lines and angles
August		Ch 7 Triangles Ch 12 Herons Formula
September		Revision +Half Yearly Exam
October		Ch 4 Linear equations in two variables, Ch 8 Quadrilaterals

November		Ch 9 Area of parallelograms and triangles, Ch 10 Circles
December		Ch 11 Constructions, Ch 13 Surface Area and Volume
January		Ch 14 Statistics Ch 15 Probability
February	Revision + Annual exam	
March		
Syllabus for Term Exams and Periodic Test		
TERM-1		
Periodic Test	1	Ch1-Number System
	2	CH-2 Polynomials ch-1 -Rationalisation
Activities	1	Activity Book Pg. 7
	2	Maths Quiz
	3	Activity 10 Pg 46
	4	Design a crossword puzzle pg. 150
Special Periodic Test	1	1) Polynomials 2) Co-ordinate Geometry 3) Lines and Angles
TERM -2		
Periodic Test	3	Lines and Angles Ch 1- Representation on real line, Ch 2- Remainder Theorem
	4	Circles, Ch 6- Parallel lines and Transversal, Ch 1- magnification, Ch 2- Factorisation and Algebraic identities
Activities	1	Maths viva
	2	Activity 1- pg 72
	3	Activity 12- pg 129
	4	Activity 16- pg 146

Special Periodic Test	2	1) Quadrilaterals 2) Area of Parallelograms and Triangles 3) Circles 4) Mensuration (Portion covered)
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Subject : Science (086)PHYSICS

Prescribed Books:	1)	Science : Textbook for class IX (NCERT)
	2)	Physics for class IX : S. Chand publication
Month	Total No. of periods	Lesson/Chapter
April	11	Ch 8 : Motion
May	4	Ch 8 : Motion (contd.)
June	8	Ch 9: Force and laws of motion
July	12	Ch 9 : Force and laws of motion (contd.)
August	12	Ch 10 : Gravitation
September	Revision + Half Yearly Exam	
October	6	Ch 10 : Gravitation (contd.)
November	12	Ch 11 : Work and Energy
December	9	Ch 12 : Sound
January	10	Ch 12 : Sound (contd.)
February	Revision + Annual Exam	
March		
Syllabus for Term Exams and Periodic Test		
TERM-1		
Periodic Test	1ST: Ch-8 Motion (Weightage=9) : Topics- Distance and displacement, uniform and non-uniform motion, rate of motion, velocity, acceleration.	

	<p>2ND: <u>Ch-9 Force and laws of motion (weightage=7):</u> Topics- Balanced and unbalanced forces, first and second law of motion, mathematical formulation of second law and related numericals, <u>Ch-8 Motion (weightage=2):</u> velocity ,acceleration, equations of motion by graphical method and numericals .</p>
Activities	1) Individual- To make a project showing graphical representation of motion.
Special Periodic test 1	2) Group- Quiz on force and laws of motion .
	Ch- 8(Motion) And Ch- 9 (Force and Laws of Motion)
TERM-2	
Periodic Test	<p>3RD: <u>Chapter 10-Gravitation (Weightage=7):</u> Full chapter, <u>Ch-9 Force and laws of motion(weightage=1):</u> Topics- reasoning questions based on first second and third law of motion, <u>Ch-8-Motion(weightage=1):</u> topic- graphical representation of motion.</p>
	<p>4TH: <u>Ch 11- Work and energy(weightage=7):</u> Topics-Work, energy, K.E. and P.E. of an object, <u>Ch-10 Gravitation(weightage=1):</u>Topics- Archimedes' principle, relative density, <u>Ch 9 - Force and laws of motion(weightage=0.5):</u> Topics-third law of motion, conservation of momentum , <u>Ch 8-Motion(weightage=0.5)</u> :Topics- uniform and non-uniform motion, circular motion.</p>
Activities	1) Group- Practical Activity to verify Archimedes' Principle .
Special Periodic test 2	2) Individual- To explain the characteristic of vibration with graph .
	Ch- 10 (gravitation) and Ch- 11(Work and energy)

CHEMISTRY

Prescribed Books:	1)	NCERT(Science-IX)
Month	Total No. of periods	Lesson/Chapter
April		Ch 1: Matter in our Surroundings
May		Ch 1: Matter in our Surroundings
June		Ch 1: Matter in our Surroundings
July		Ch 2: Is Matter Around Us Pure
August		Ch 2: Is Matter Around Us Pure
September	Revision + Half Yearly Exam	
October		Ch 3: Atoms and Molecules
November		Ch 3: Atoms and Molecules
December		Ch 4: Structure of the Atom
January		Ch 4: Structure of the the Atom
February	Revision + Annual Exam	
March		
Syllabus for Term Exams and Periodic Test		
TERM-1		
Periodic Test	1(1.05.17)Ch 1: Matter in our Surroundings(Topic: Physical nature of matter, Characteristics of particles of matter)	
	2 (17.07.17):Ch 1: Matter in our surroundings(Topic: States of matter, Matter change its state), Physical nature of matter	
Special Periodic Test 1	Matter in our Surroundings	
	Term I: Ch 1: Matter in our surroundings , Ch 2: Is matter around us pure	
Activities	1) To study the intermolecular force of attraction between the three states of matter	
	2) Lab activity on solutions	

TERM-2

Periodic Test	3 (30.10.17):Ch 3: Atoms and Molecules (Topics: Laws of chemical Combination, Dalton's Atomic Theory), Evaporation and Cooling effects, Colloidal Solution
	4:(11.12.17):Ch 4: Structure of the Atom(Topics: Charged particles of matter, Thomson's model of an atom, Rutherford's model of atom), Diffusion , Sublimation and Chromatography, Writing Chemical Formulae of Compounds
Special Periodic Test 2	Atoms and Molecules
Activities	1) Prepare the periodic table and represent the metals, non metals and metalloids respectively.

BIOLOGY

Prescribed Books:	1)	NCERT
	2)	LAB PRACTICAL BOOK- LAKSHMI PUBLICATION
Month	Total No. of periods	Lesson/Chapter
April		Ch- 5 The Fundamental Unit Of Life
May		Ch- 5 The Fundamental Unit Of Life (Continued)
June		Ch- 6 Tissues
July		Ch- 6 Tissues (Continued)
August		Ch-15 Improvement In Food Resources
September	Revision + Half Yearly Exam(Ch-5,6,15)	
October		Ch- 7 Diversity In Living Organisms
November		Ch- 7 Diversity In Living Organisms (Continued)
December		Ch- 13 Why do we fall ill

January		Ch- 14 Natural Resources
February	Revision + Annual Exam	
March		Annual Exam(Whole Syllabus)
Syllabus for Term Exams and Periodic Test		
TERM-1		
Periodic Test	1) Ch- 5(Cell, Structural organization -cell wall, plasma membrane, cytoplasm, nucleus)	
	2) Ch- 5(Endoplasmic reticulum, golgi apparatus, lysosomes),Ch-6(Plant tissue- Meristematic and simple permanent tissue)+Ch-5(Plasma membrane)	
Special Periodic Test 1	Ch 6 - Tissues	
TERM-2		
Periodic Test	1)Ch- 7(Basis of classification, hierarchy, five kingdom classification)+Ch-5(Nucleus)+Ch-6(Complex permanent tissue in plants)	
	2) Ch- 13+Ch-5(Cell wall, Mitochondria, Plastids)+Ch-7(Plantae – Cryptogamae)	
Special Periodic Test 2	Diversity in Living Organisms (Animal Kingdom)	

Subject :Social Science (087)

History & Civics

Prescribed Books	1)	India and the Contemporary World-I (NCERT)
	2)	Democratic Politics-I (NCERT)
Month	No. of periods	Lesson/Chapter
April		History Ch1 The French Revolution Civics Ch 1Democracy in Contemporary World
May		History Ch1 (Contd) Civics Ch2 What is Democracy and Why Democracy
June		History Ch3 Nazism and the Rise of Hitler Civics Ch 2(Contd)
July		History Ch3 (Contd) Civics Ch2 (Contd)
August		History Ch3 (Contd) Civics Ch3 Constitutional Design
September	Revision +Half Yearly Exam	
October		History Ch4 Forest, Society and Coloninlism Civics Ch4 Electoral Politics
November		History Ch4 (Contd) Civics Ch4 (Contd)
December		History Ch4 History and Sports - Cricket Civics Ch4 Working of Institution
January		History Ch 5 (Contd) Civics Ch 5 (Contd)
February	Revision + Annual exam	
March		
Syllabus for Term Exams and Periodic Test		
TERM-1		
Periodic Test	1st	History Ch1; Civics Ch 1
	2nd	History Ch3&Ch1(Reign of Terror); Civics Ch2&

		Ch1 (Changing Map of Democracy- Reliant phase)
Activities		CW/HW Copies (History/Civics)
		Map(History)
Special Periodic Test	1	History Ch 3 Civics Ch 2
TERM-2		
Periodic Test	3rd	History Ch4; Ch1(Role of Women); &Ch3(); Civics Ch4; Ch 1 (International Organisations- The UNO) &Ch2(Arguments against Democracy)
	4th	History Ch5; Ch1 (Abolition of Slavery); Civics Ch 5;Ch 1 (International Organisations-The IMF & The World Bank); Ch4 (Independent Election Commission)
Activities		Group Discussion (Civics)
Special Periodic Test	2	History Ch 4 Civics Ch 4

Geography

Prescribed Books	1)	Contemporary India -I (NCERT)
Month	Total No. of periods	Lesson/Chapter
April		Ch 1 India, Size and Location Ch 2 Physical Features of India
May		Ch2 (Contd)
June		Ch2(Contd)
July		Ch 3 Drainage
August		Ch 3 (Contd)
September		Revision +Half Yearly Exam
October		Ch4 Climate

November		Ch4 Contd Ch5 Natural Vegetation & Wildlife
December		Ch5 (Contd) Ch 6 Population
January		Ch 6 (Contd)
February	Revision + Annual exam	
March		
Syllabus for Term Exams and Periodic Test		
TERM-1		
Periodic Test	1st	Ch 1
	2nd	Ch 2 & 1(Size)
Activities		Map (GEO)
Special Periodic Test	1	Ch 2
TERM-2		
Periodic Test	3rd	Ch 4 ; Ch1 (India and the World); Ch2 (The Himalayan Mountains)
	4th	Ch 5; Ch 1 (India's Neighbours); Ch 2(The Northern Plains); Ch4 (Climatic Controls)
Activities		Group Project(GEO)
Special Periodic Test	2	Ch 5

Economics

Prescribed Book	1)	Economics Textbook for class IX (NCERT)
Month	Total No. of periods	Lesson/Chapter
April		Ch 1 The Story of Village Palampur
May		Ch 1 Contd
June		Ch 2 People as Resource

July		Ch 2 Contd
August		Ch 2 Contd.
September	Revision + Half Yearly Exam	
October		Ch 3 Poverty as a Challenge
November		Ch 3 Contd.
December		Ch 4 Food Security In India
January		Ch 4 Contd.
February	Revision + Annual exam	
March		
Syllabus for Term Exams and Periodic Test		
TERM-1		
Periodic Test	1st	Ch 1
	2nd	Ch 2 & Ch 1 (Farming in Palampur)
Activities		Group project (ECO)
Special Periodic Test	1	Ch 2
TERM-2		
Periodic Test	3rd	Ch 3, Ch 2 (Quality of Population)
	4th	Ch 4, Ch 2 (Unemployment), Ch 3 (Poverty Line)
Activities		CW/HW Copies
		Quiz
Special	2	Ch 3

Periodic Test		
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Subject : Sanskrit (122)

Prescribed Book	1	मणिका - भाग - 1
	2	मणिका अभ्यास पुस्तकम् -भाग-1

Month	Total No. of periods	मणिका	व्याकरण
April		1.तत् त्वम् असि	1.वर्ण, संधि, धातु रूप (लट्, लृट्, लङ्ग), शब्द रूप
May		2.अविवेकः परमापदां पदम्	21. अनुच्छेदलेखनम् 22.अनौपचारिक पत्रम्
June		3.पाथेयम् 4.स्वस्थवृत्तम्	शब्द रूप (सर्वनाम शब्द), अपठित अवबोधनम्
July		5.भ्रातृस्नेहस्तु दुर्लभः	औपचारिक पत्र, धातु रूप, उपपदविभक्ति अपठित अवबोधनम्
August		6.विद्याभांति सद्गुणाः	प्रत्यय,चित्रवर्णनम्
September		Revision +Half Yearly Exam	
October		7. तरवे नमोऽस्तु 8.कर्मणा याति संसिद्धिम्	धातुरूप (परस्मैपद आत्मने पद उभयपद) अपठित अवबोधनम्
November		9.विजयताम् स्वदेशः 10.कोऽहं वदतु साम्प्रतम्?	उपपद विभक्ति, संख्या शब्दरूप, प्रत्यय(क्त, क्तवतु)
December		11. न धर्मवृद्धेषु वयः समीक्ष्यते 12.कवयामि वयामि यामि	चित्रवर्णनम्, प्रत्यय (शतृ, शानच्) पत्र लेखनम्
January		13.भारतीयं विज्ञानम् 14.भारतेनास्ति मे जीवनं	अनुच्छेदलेखनम्

		जीवनम्	
February		Revision + Annual Exam	
March			

Term 1

Periodic Test	1) वर्ण, 1. तत् त्वम् असि, अपठित गद्यांश
	2) स्वर संधि, 2. अविवेकाः परमा पदां पदम्, वर्ण
	1) वाचन पाठ-1 (मणिका)
	2) परियोजना कार्य (रामायण के चार श्लोक लिखकर चित्र बनाना)
	3) कक्षा कार्य/गृह कार्य
	4) संस्कृत में वार्तालाप

Term 2

Periodic Test	1. धातुरूप (आत्मनेपद, परस्मैपद) 7. तरवे नमोऽस्तु, स्वर संधि, तत् त्वम् असि 2. उपपद विभक्ति, शब्दरूप 8. कर्मणा याति संसिद्धिम्, अविवेकाः परमापदां पदम्, धातुरूप
Activity	1. परियोजना कार्य (प्राचीन शिक्षण पद्धति को दर्शाना) 2. संवाद 3. गद्यवाचन 4. कक्षा कार्य/ गृह कार्य
Special Periodic Test 1	अप्रैल से जून तक पढ़ाए गए सभी पाठ ।
Special Periodic Test 2	अक्टूबर से दिसम्बर तक पढ़ाए गए सभी पाठ ।

Subject : FIT (165)

Prescribed Books	1) Computer for School (MICA)
Month	Lesson/Chapter
April	Lesson 1- Convergence of Computer
	Lesson 2- Computing Devices

May	Lesson 3- Software
June	Lesson 3- Software (Continued...)
	Lesson 4- Operating System (Introduction)
July	Lesson 4- Operating System (Continued...)
	Lesson 5- More on Operating System
August	Lesson 6- Word Processor
	Lesson 7- Features of Word Processor
September	Revision + Half Yearly Exam
October	Lesson 8- More on Word Processor
	Lesson 9 - Convergence : Communication Technology
November	Lesson 10- Presentation
	Lesson 11- Effects in Presentation (Introduction)
December	Lesson 11- Effects in Presentation (Continued..)
	Lesson 12- Spreadsheet Package
January	Lesson 13- Data Analysis
	Lesson 14- IT in society
February	Revision + Annual Exam
Syllabus For Term Exams and Periodic Test	
Term 1	
Activities	1) Project on latest input and output Devices
	2) A chart on softwares (Tree format)
	3) Practical on Word processor
	4) Assignment on variety of Operating System
Term 2	
Activities	1) Practical on Presentation Package
	2) MCQ

	3) Practical on Spreadsheet Package
	4) Writeup on Impact of IT in Society