



# SARALA BIRLA PUBLIC SCHOOL



**Birla Knowledge City, Ranchi Purulia Highway  
Village –Ara, P.O.- Mahilong  
Ranchi – 835103, Jharkhand**

## **SYLLABUS**

**STD – IX**

**SESSION – 2021-22**

**Name:** \_\_\_\_\_

**UID No. :** \_\_\_\_\_

**Class and Section:** \_\_\_\_\_

**Subject: ENGLISH**

Prescribed Books:	1)	Beehive – textbook for class IX (published by NCERT)
	2)	Moments – supplementary reader for class IX ( published by NCERT)
	3)	Words and Expressions – 1 (Workbook) by NCERT
<b>Month</b>	<b>Total No. of periods</b>	<b>Lesson/Chapter</b>
April		The Fun They Had; The Lost Child; The Road Not Taken; The Duck and the Kangaroo; Tenses; Determiners; Describing a Person. Workbook: Unit 1
May		The Sound of Music; The Little Girl; The Adventures of Toto; Wind; Modals. Describing a place. Workbook: Unit 2,3
June		A Truly Beautiful Mind; In the Kingdom of Fools; Iswaran the Storyteller; Rain on the Roof; The Lake Isle of Innisfree, Preposition, Diary Entry. Workbook: Unit 4
July		The Snake and the Mirror; My Childhood; The Happy Prince; A Legend of the Northland; The Snake Trying; Subject Verb Concord; Workbook: Unit 5, 6
August		Reach for the Top; Weathering the Storm in Ersama; Use of Passive Voice; Short Story Development on given outline. Workbook: Unit 8
September		Revision + Half Yearly Exam
October		Packing; Kathmandu, The Last Leaf; No Men Are Foreign; Reported Speech: Statements, Questions. Describing an event. Workbook: Unit 7
November		The Bond of Love; A House is Not a Home; On Killing a Tree; Reported Speech: Commands and Requests, Relative Clauses. Workbook: Unit 9
December		If I Were You; An Accidental Tourist, The Beggar; A Slumber Did My Spirit Seal; Noun Clauses; Adverbial clauses of Condition and Time; Developing a Short Story on the given cues. Workbook: Unit 11
January		<b>Revision</b>
February		<b>Revision + Annual Exams</b>
March		Final Examination continued
<b>TERM-1</b>		
Periodic Test-1		The Road Not Taken; The Lost Child; Determiners; Tenses; Describing a Person.
Periodic Test-2		The Little Girl; The Adventures of Toto; Wind; Modals; Prepositions, Diary Entry.
Activities	1)	Extempore
	2)	Debate
Half Yearly Exam		Syllabus taught from April to August Weightage:- PART A – MCQ ( Reading-20 marks, Literature-10 marks, Grammar- 20 marks) PART B – (Writing- 10 marks, Literature- 30 marks)
<b>TERM-2 (Annual)</b>		
Periodic Test-3		Packing; The Last Leaf; No Men Are Foreign; Reported speech: Statements and Questions.
Periodic Test-4		The Bond of Love; On Killing a Tree; Reported Speech: Command and Request; Diary Entry.

Activities	1) Delivering a Speech
	2) AIL project
Annual Exam	Syllabus taught from April to January Weightage:- PART A – MCQ ( Reading-20 marks, Literature-10 marks, Grammar- 20 marks) PART B – (Writing- 10 marks, Literature- 30 marks)

**Subject: Hindi**

Prescribed Books		क्षितिज भाग- 1		
	1	क्षितिज भाग- 1		
	2	कृतिका भाग- 1		
	3	सरस्वती हिन्दी व्याकरण		
Month		क्षितिज	कृतिका	व्याकरण
Apr		दो बैलों की कथा साखियाँ		शब्द निर्माण : उपसर्ग ,प्रत्यय पत्र - लेखन
May		ल्हासा की ओर		समास अपठित -बोध (पद्य )
Jun		वाख	मेरे संग की औरतें	अर्थ की दृष्टि से वाक्य -भेद
Jul		साँवले सपनों की याद, रसखान-सवैये		अलंकार अनुच्छेद-लेखन
Aug		कैदी और कोकिला		पत्र -लेखन अलंकार, लघुकथा लेखन अपठित -बोध ( गद्य )
Sep		अभ्यास ,कक्षा जाँच , अर्द्ध-वार्षिक परीक्षा		लघुकथा लेखन
Oct		नाना साहब की पुत्री देवी मैना को भस्म कर दिया गया, चन्द्र गहना से लौटती बेर	रीढ की हड्डी	उपसर्ग , प्रत्यय
Nov		प्रेमचंद के फटे जूते मेघ आए	माटीवाली	संवाद - लेखन
Dec		मेरे बचपन के दिन यमराज की दिशा		अपठित बोध (गद्य , पद्य ) अर्थ की दृष्टि से वाक्य -भेद
Jan		बच्चे काम पर जा रहे हैं		अलंकार समास
Feb		अभ्यास , कक्षा जाँच , वार्षिक -परीक्षा		
Mar		वार्षिक - परीक्षा		

**Syllabus for Term Exams and Periodic Test**

**TERM-1**

Periodic Tests	1- दो बैलों की कथा, ल्हासा की ओर, उपसर्ग ,प्रत्यय
	2-वाख, ल्हासा की ओर, पत्र, समास

<b>Activities</b>	1-काव्य -पाठ, भाषण- प्रतियोगिता, वाद- विवाद प्रतियोगिता , अभिनय- कला- प्रदर्शन, आशु- वाचन ,संवाद
	2- समाचार पत्र निर्माण अलंकार शाखा निर्माण ,किसी सामाजिक अथवा सामायिक विषय पर परियोजना अथवा रचनात्मक कार्य ,निबंध- लेखन, संवाद- लेखन ,पत्र- लेखन, कक्षा -कार्य, गृह -कार्य ,उत्तर पुस्तिका
<b>TERM-2 (Annual)</b>	
<b>Periodic Test</b>	3- प्रेमचंद के फटे जूते, चंद्र गहना से लौटती बेर, उपसर्ग एवं प्रत्यय
	4- मेघ आए ,अपठित बोध, समास ,अलंकार
<b>Activities</b>	पत्र लेखन वाचन एवं काव्य पाठ निबंध- लेखन परियोजना कार्य
<b>Half Yearly</b>	क्षितिज - दो बैलों की कथा, साखियाँ , ल्हासा की ओर , वाख सांवले सपनों की याद, कैदी और कोकिला, कृतिका -मेरे संग की औरतें , व्याकरण -शब्द- निर्माण: उपसर्ग एवं प्रत्यय, पत्र –लेखन ( अनौपचारिक और औपचारिक), समास, अपठित बोध ,अर्थ की दृष्टि से वाक्य- भेद ,अलंकार, अनुच्छेद -लेखन, लघुकथा लेखन (अप्रैल से लेकर सितंबर तक पढ़ाया गए सभी पाठ)
<b>Annual Exam</b>	क्षितिज - दो बैलों की कथा ,साखियाँ , ल्हासा की ओर , वाख , सांवले सपनों की याद ,कैदी और कोकिला , नाना साहब की पुत्री मैना को भस्म कर दिया गया ,चंद्र गहना से लौटती बेर, प्रेमचंद के फटे जूते ,मेघ आए, मेरे बचपन के दिन ,यमराज की दिशा, बच्चे काम पर जा रहे हैं कृतिका -मेरे संग की औरतें ,रीढ़ की हड्डी ,माटी वाली, व्याकरण -उपसर्ग, प्रत्यय अनुच्छेद लेखन, संवाद- लेखन, अर्थ की दृष्टि से वाक्य- भेद, लघुकथा लेखन अलंकार, समास, अपठित बोध (गद्य तथा पद्य) (अप्रैल से लेकर फरवरी तक पढ़ाए गए सभी पाठ)

### Subject: Sanskrit

Prescribed Books:	1)	शेमुषी-1
	2)	अभ्यासवान् भव
	3)	व्याकरणवीथि:
<b>Month</b>	<b>Total No. of periods</b>	<b>Lesson/Chapter</b>
April		1– भारतीयवसन्तगीति, सन्धि–स्वर (दीर्घ, गुण, वृद्धि:) ,सरल अनुवादं, 2–स्वर्णकाकः परस्मैपद धातुरूपाणि –गम्,पठ्, भू, अस्,कृ, पा (लट्, लृट्, लङ्गलकारे)
May		स्वर सन्धि- (यण, अयादि)शब्दरूपाणि -बालक, लता, नदी, साधु,फल, वारि, अनुच्छेदलेखनम्, उपपद विभक्ति-चतुर्थी विभक्ति पर्यन्तम् , संख्या-(1-50) , चित्रवर्णनम्
June		4-कल्पतरुः अपठित अवबोधनम्, सर्वनामशब्दरूपाणि- किम् ,अस्मद्,युष्मद्, पत्रलेखनम्, अनुवादं
July		5-सूक्तिमौक्तिकम् आत्मनेपद धातुरूप -सेव्,लभ्(लट्, लङ्ग,लृट् लकारे), अपठित अवबोधनम्

August		6- भ्रान्तोबालः प्रत्यय-क्त्वा, ल्यप्, तुमुन्, क्त, उपसर्ग, धातुरूपाणि – लोट्, विधिलिङ् तत् शब्दरूप
September		पुनरावृत्ति + अर्धवार्षिक परीक्षा
October		8- लौहतुला धातुरूपाणि- दृश्, वद् क्रीड्, नी (पञ्चलकारेषु), शब्दरूपाणि- मातृ, पितृ ), उपपद-(पञ्चमी-सप्तमी विभक्ति), शब्दरूप-मातृ, पितृ, मधु, जगत्
November		9-सिकतासेतुः संख्या-( 51-100 ), पत्रलेखनम्, अनुच्छेदलेखनम्, व्यञ्जन सन्धिः- वर्गीय प्रथम वर्णस्य तृतीय वर्णे परिवर्तनम्, 'म'स्थाने अनुस्वारः
December		10-जटायोः शौर्यम् विसर्ग सन्धिः- सत्वं, उत्त्वम्, अनुवादं, अपठित गद्यांशं, उपसर्ग शब्दरूप- राजन्, भवत्
January		11- पर्यावरणम् प्रत्यय -(क्तवत्, शतृ, शानच्), चित्रवर्णनम्, आत्मनेपद धातु-रूप-, अनुच्छेदं,
February		पुनरावृत्ति + वार्षिक परीक्षा
March		

### Syllabus for Term Exams and Periodic Test

#### TERM-1

Periodic Test	1- स्वर्णकाकः, धातुरूप(लट्, लृट्, लङ्ग), अनुवादं
	2 -कल्पतरुः, सन्धि(स्वर), धातुरूप, संख्या-(1-4 प्रथमा विभक्ति)
Activities	1) कक्षा-कार्य, गृह-कार्य
	2) वाचन
	3) परियोजना-कार्य
	4) श्लोकवाचन

#### TERM-2 (Annual)

Periodic Test	3) 8- लौहतुला, धातुरूप, सन्धि ( स्वर ), उपपद( पञ्चमी-सप्तमी)
	4) 9- सिकतासेतुः, 8-लौहतुला, अपठित अवबोधनम्, सर्वनामशब्दरूपाणि
Activities	1) कक्षा-कार्य, गृह-कार्य
	2) शब्दरूपं/धातुरूपं
	3) अनुच्छेदलेखनम्
	4) वाचन
Term 1	अप्रैल से अगस्त तक पढ़ाए गए पाठ
Annual Exam	प्रथम एवं द्वितीय सत्र के समस्त पाठ

### Subject: Mathematics

Prescribed Books:	1)	MATHEMATICS ( NCERT)
	2)	EXEMPLAR ( NCERT)
	3)	Activity Plus in Mathematics
Month	Total No. of periods	Lesson/Chapter
April		Ch 1. Number systems Ch 2. Polynomials
May		Ch 2. Polynomials ( continued)
June		Ch 3. Coordinate geometry Ch 5. Introduction to Euclid's geometry

July		Ch 6. Lines and angles Ch 7. Triangles
August		Ch 12. Heron's formula Ch 14. Statistics
September		<b>Revision + half yearly examination</b>
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 areas and volumes Ch 15. Probability
January		Revision
February		<b>Revision + Annual examination</b>
March		

### Syllabus for Term Exams and Periodic Test

#### TERM-1

Periodic Test	PT 1 : Ch 1. Number systems
	PT 2 : Ch 2. Polynomials Operation on real numbers
Activities	1) Activity 2.5 ( multiplication of polynomials)
	2) Activity 3.1 ( quadrants and coordinates)
	3) Activity 4.2 ( equal division of a paper stripe)
	4) Activity 6.2 ( Histogram A)

#### TERM-2 (Annual)

Periodic Test	PT 3 : Ch 6. Lines and angles Real number and their decimal expansion Remainder and Factor theorem
	PT 4 : Ch 4. Linear equations in two variables Laws of exponents for real numbers, Factorisation and algebraic identities, Parallel lines and a transversal.
Activities	1) Activity 2.7 (linear equations in two variables)
	2) Activity 4.10 ( parallelogram and it's properties)
	3) Activity 4.15 ( Cyclic Quadrilaterals )
	4) Activity 6.2 ( Finding experimental probability)
Term 1	Ch 1 , 2, 3, 5, 6, 7, 12, 14
Annual Exam	Ch 1 to 15

### Subject: Physics

Prescribed Books:	1)	Science (NCERT)
	2)	Science Exemplar (NCERT)
	3)	Science Activity : Science Lab manual

Month	Total No. of periods	Lesson/Chapter
April		Ch 8 : Motion
May		Ch 8 : Motion (contd)
June		Ch 9 : Force and laws of Motion
July		Ch 9 : Force and laws of motion (contd)
August		Ch 10 : Gravitation(upto Mass and Weight)
September		<b>REVISION + HALF YEARLY EXAM</b>
October		Ch 10: Gravitation (contd)
November		Ch 11: Work and Energy
December		Ch 12 : Sound
January		REVISION
February		<b>REVISION + ANNUAL EXAM</b>
March		

### Syllabus for Term Exams and Periodic Test

#### TERM-1

Periodic Test	<b>PT1</b> Ch 8- MOTION – Topics:- Distance and displacement, Uniform and Non Uniform motion , Rate of motion , Velocity and Acceleration.
	<b>PT2</b> Ch 9- FORCE AND LAWS OF MOTION - Topics :- Balanced and Unbalanced force ,first and second laws of motion , mathematical formulation of second law and related numericals. Ch 8- MOTION-Topics:- Velocity , Acceleration , Equation of motion by Graphical method and numericals.
Activities	1) Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.

#### TERM-2 (Annual)

Periodic Test	<b>PT3</b> Ch -10 GRAVITATION(Full chapter) Ch-9 FORCE AND LAWS OF MOTION-Topics:-Reasoning questions based on First,Second and Third laws of motion. Ch-8 :MOTION-Topic :- Graphical representation of motion.
	<b>PT4</b> Ch-9FORCE AND LAWS OF MOTION-Topics:-Reasoning questions based on First, Second and Third laws of motion. Ch-8 :MOTION-Topic :- Graphical representation of motion.
Activities	1) Establishing the relation between the loss in weight of a solid when fully immersed in a) tap water b) strongly salty water, with the weight of water displaced by it by taking at least two different solids
TERM 1	Ch 8, Ch 9, Ch 10 (up to mass and weight)
TERM 2	Whole Syllbus

### Subject: Chemistry

Prescribed Books:	1)	Science (NCERT)
	2)	Science Lab Manual
	3)	Science Exemplar (NCERT)

Month	Total No. of periods	Lesson/Chapter
April		Chapter 1: Matter In Our Surroundings
May		Chapter 1: Matter In Our Surroundings
June		Chapter 2: Is Matter Around Us Pure
July		Chapter 2: Is Matter Around Us Pure Chapter 3: Atoms And Molecules
August		Chapter 3: Atoms And Molecules+ Revision
September		Half Yearly Exam
October		Chapter 4: Structure Of Atom
November		Chapter 4: Structure of Atom
December		Chapter 4: Structure Of Atom+ Revision
January		<b>Revision</b>
February		<b>Revision</b>
March		Annual Exam
Periodic Test-1		Chapter 1: Matter In Our Surroundings
Periodic Test-2		Chapter 2: Is Matter Around Us Pure, Chapter 1: Characteristics of Particles of Matter
Activities		Experiment 1,2 (Lab Manual)
Half Yearly Exam		Chapter 1,2,3
<b>TERM-2 (Annual)</b>		
Periodic Test-3		Chapter 4: Structure Of Atom ( till page 49), Chapter 3: Writing Chemical Formulae
Periodic Test-4		Chapter 4: Structure of Atom, Chapter 2: Physical and Chemical Changes, Chapter 3: Laws of Chemical Combination
Activities		Experiment 3,4 (Lab Manual)
Annual Exam		Chapter 1,2,3,4

### Subject: Biology

Prescribed Books:	1)	Science NCERT Class IX
	2)	NCERT Science Exemplar Class IX
	3)	Science Lab Book Class IX
Month	Total No. of periods	Lesson/Chapter
April		Ch-5 The Fundamental Unit Of Life
May		Ch-6 Tissues
June		Ch-6 Tissues(Continued)
July		Ch-15 Improvement In Food Resources
August		Ch-15 Improvement In Food Resources (Continued) + Revision
September		Revision + Half Yearly Exam



October		Ch-7 Diversity In Living Organisms
November		Ch-7 Diversity In Living Organisms(Continued)
December		Ch-13 Why do we fall ill
January		Revision
February		Revision
March		
Periodic Test-1		1) PT 1: Ch-5 [Structural organization: cell wall, plasma membrane, cytoplasm, nucleus (Page 57-62) and Cell division (Page 65-66)]
Periodic Test-2		2) PT 2: Ch-5 [Endoplasmic reticulum, Golgi apparatus, lysosomes, plasma membrane, Mitochondria, Plastids and vacuoles] Ch-6 [Meristematic tissue and Simple Permanent Tissue]
Activities		1) Preparation of stained temporary mounts of onion peel & to record observations and draw their labeled diagrams.
		2) Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams.
Half Yearly Exam		Ch. 5, 6 and 15.
<b>TERM-2 (Annual)</b>		
Periodic Test-3		PT 3: Ch-5 [Nucleus and Cell division] Ch-6 [Complex permanent tissue] Ch-7 [Basis of classification, hierarchy, five kingdom classification]
Periodic Test-4		PT 4: Ch-5 [Cell wall, Mitochondria, Plastids] Ch-7 [Plantae-Cryptogamae]
Activities		3) Study of external features of root, stem, leaf and flower of monocot and dicot plants.
		4) Observe the given pictures/charts/models of earthworm, cockroach, bony fish and bird. For organisms (any two) mentioned, draw their picture and record: a) one specific feature of its phylum. b) one adaptive feature with reference to its habitat.
Annual Exam		Ch.5, 6, 7, 13 and 15

### Subject: Social Science

Prescribed Books:	1)	History : India and the contemporary world – I (NCERT)		
	2)	Civics : Democratic politics – I (NCERT)		
	3)	Geography: Contemporary India I		
Month		<b>Lesson/Chapter</b>		
		<b>History</b>	<b>Civics</b>	<b>Geography</b>
April		Ch-1 The French Revolution	Ch-2 What is democracy?	Ch-1 India size and location. Ch-2 Physical feature of India
May		Ch-1 The French Revolution	Ch-3 The Constitutional Design	Ch-2 physical feature of India. (continued)

June		Ch-2 Socialism in Europe and the Russian Revolution	Ch-3 The Constitutional Design	Ch-3 Drainage
July		Ch-2 Socialism in Europe and the Russian Revolution	Ch-4 Electoral Politics	Ch-3 Drainage.(continued)
August		Ch-3 Nazism and the Rise of Hitler	Ch-4 Electoral Politics; Revision	Revision
September		<b>Revision + Half Yearly Exam</b>		
October		Ch-3 Nazism and the Rise of Hitler	Ch-5 Working of Institutions	Ch-4 Climate.
November		Ch-4 Forest Society and Colonialism	Ch-5 Working of Institutions	Ch-5 Natural vegetation and wildlife.
December		Ch-4 Forest Society and Colonialism	Ch-6 Democratic Rights	Ch-6 Population.
January			Ch-6 Democratic Rights	
February				
March		<b>Annual Exam</b>		

### Syllabus for Term Exams and Periodic Test

#### TERM-1

Periodic Test	Periodic Test 1 History - Ch1(Pg. 3 to 5) Civics- Ch-2 (Pg. 26 to 30) Geography- Ch-1
	PT-2 History–Ch-2 + Ch1 (Role of middle class and philosophers)Civics -Ch-3 + Ch-2 (Arguments against democracy) Geography- Ch-2 From Chapter 1 size and location
Activities	1) Copy work/maintenance
	2) Map work (France ; World – Central and Allied Powers)
	3) Project- Disaster Management
	4) Map work book

#### TERM-2 (Annual)

Periodic Test	PT-3 History -Ch-3 + Ch-2 (Pg. 42) Civics – Ch-4 + Ch-3 ( Pg. 51) Geography - Ch-4 from Ch-3 , Drainage pattern PT-4 History - Ch-4 + Ch-3 (Pg. 54 & 55)Civics - Ch-5 + Ch-4 (Pg. 69) Geography- Ch-5 Natural vegetation and wildlife. Ch-4 climate topic major climatic controls
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Activities	1) Copy work/maintenance 2) Map work( World—Axis and Allied Powers; India--Forest societies) 3) Flowchart (Electoral Politics) 4) Map work book.
Term-1	History - Ch-1, 2
	Civics- Ch-2, 3, 4
	Geography –Ch-1, 2, 3 and relevant chapters of map work book.
Annual Exam	History - Ch-1, 2, 3, 4
	Civics - Ch-2, 3, 4, 5, 6
	Geography -Ch-1, 2, 3, 4, 5, 6 and Relevant Chapters of map work book.

**Subject: Artificial Intelligence (417)**

<b>Syllabus 2021-2022</b>	
Prescribed Books:	<b>1. Artificial Intelligence (Kips Publication)</b> <b>2. Artificial Intelligence (S. Chand &amp; Co.)</b>
<b>Month</b>	<b>Chapters / Topics</b>
April	Unit 4: Introducing python programming and its applications
May	Unit 1: Introduction to Artificial Intelligence (AI)
June	Unit 2: AI Project Cycle
July	Unit 2: AI Project Cycle continued...
August	Unit 4: Python Basics (Variables, Arithmetic Operators, Expressions, Data Types - integer, float, strings, using print() and input() functions)
September	<b>Half Yearly Exam</b>
October	Unit 3: Neural Network
November	Unit 4: Python Lists (Simple operations using list) Some basic problem solving exercises using lists on Python Compiler.
December	Employability Skills
January	Revision
February	<b>Annual Exam</b>
March	
<b>Syllabus for Term Exams and Periodic Test</b>	
<b>TERM-1</b>	
Periodic Test	PT-1: Introduction to Python Programming and Artificial Intelligence
	PT-2: AI Project Cycle
<b>Half Yearly</b>	Introduction to Python Programming
	Introduction to AI and AI Project Cycle

<b>TERM-2</b>	
Periodic Test	PT-3: Neural Network and Python List
	PT-4: Employability Skills
<b>Annual Exam</b>	<b>Complete Syllabus</b>

### Subject: Economics

Prescribed Books:	1)	Economics Textbook for class IX
<b>Month</b>		<b>Lesson/Chapter</b>
April		Ch-1 The Story of Village Palampur
May		Ch-2 People as Resource
June		Ch-2 People as Resource ( cont)
July		Ch-3 Poverty as a Challenge
August		Ch-3 Poverty as a Challenge ( cont)
September		<b>Revision + Half Yearly Exam</b>
October		Ch-4 Food Security in India
November		Ch-4 Food Security in India (cont)
December		Revision
January		Revision
February		<b>Annual Exam</b>
March		

### Syllabus for Term Exams and Periodic Test

<b>TERM-1</b>	
Periodic Test	PT-1 Ch-1 PT-2 Ch-2, Ch-1( Will the land sustain)
Activities	Project (group)
<b>TERM-2 (Annual)</b>	
Periodic Test	PT-3 Ch-3, Ch-2 (Economic Activity by Men and Women)
	PT-4 Ch-4, Ch-2 (Unemployment), Ch-3(Vulnerable Groups)
Activities	1) Copy work
	2) Individual activity
Term 1	Ch-1 and 2
Annual Exam	Ch-1, 2, 3 and 4

**Subject: Computer**

Prescribed Books:	1)	Artificial Intelligence
<b>Month</b>	<b>Total No. of periods</b>	<b>Lesson/Chapter</b>
April		Ch-1 Artificial Intelligence
May		Ch-1 Artificial Intelligence(continued)
June		Ch-1 Artificial Intelligence(continued)
July		Ch-2 AI Project Cycle
August		Ch-2 AI Project Cycle(continued)
September		Revision + Half Yearly Exam
October		Ch-3 Introduction to Neural Networks
November		Ch-3 Introduction to Neural Networks(continued)
December		Introduction to Python
January		Introduction to Python(continued)
February		<b>Revision + Annual Exam</b>
March		<b>Annual Exam</b>
<b>Syllabus for Term Exams and Periodic Test</b>		
Half Yearly Exam		Ch-1 Artificial Intelligence
		Ch-2 AI Project Cycle
Annual Exam		Ch-3 Introduction to Neural Networks
		Ch-4 Introduction to Python

**Subject: General Knowledge**

Prescribed Books:		MANORAMA YEARBOOK 2021
<b>Month</b>		<b>Lesson/ Chapter</b>
April		Ch-1 India and the World
May		Ch-2 Events
June		Ch-5 Who is who?
July		Ch-7 Science and Medicine
August		Ch-9 Environment
September		<b>Revision and Half yearly exam</b>
October		Ch-10 Earth and Space
November		Ch-11 India Insignia
December		Ch-12 Indian History
January		Revision

February		Annual Exam
March		
<b>Syllabus for Term Exams</b>		
Half Yearly Exam		Ch-1,2,5,7,9
Annual Exam		Ch-10,11,12

### Subject: Life Skill

Prescribed Books:	1)	WINNERS by Shiv Khera
<b>Month</b>	<b>Total No. of periods</b>	<b>Lesson/Chapter</b>
April		Ch-1 Values
May		Ch-2 Go forward and excel
June		Ch-3 Building Positivity
July		Ch-4 Habits
August		Ch-5 Bullying
September		<b>Revision+ Half yearly exam</b> (Chapter 1,2,3,4)
October		Ch-6 Procrastination
November		Ch-7 Team work
December		Ch-8 Stress handling
January		Revision
February		Annual exam (Chapter 5,6,7,8)
March		