

पाठ-4 : स्वस्थवृतम  
 व्याकरण : अपठित अवबोधनम्, पत्र लेखनम्, चित्र  
 वर्णन, व्यंजन सन्धि  
 विषय सम्पन्नीकरण क्रियाकलाप : श्रवण एवं वाचन परीक्षा संशोधन कार्य  
 रचना एवं लिखित कौशल

**जुलाई/अगस्त**

पाठ-5 : मातृस्नेहस्तु दुर्लभः  
 पाठ-6 : विद्याया भान्ति सदगुणाः  
 पाठ-7 : तरवे नमोऽस्तु  
 व्याकरण : अपठित अवबोधनम्, अजन्तशब्दाः  
 धातुरूप, प्रत्यय

नोट : श्रवण व वाचन परीक्षा रचना लिखित कौशल  
 नियतकालिक परीक्षा जुलाई में ली जायेगी।  
 सितम्बर- अर्द्धवार्षिक परीक्षा की पुनरावृत्ति व परीक्षा  
 अक्टूबर/नवम्बर

पाठ-8 : कर्मणा याति संसिद्धिम  
 पाठ-9 : विजयताम स्वदेश  
 पाठ-10 : कोइह वदतु साम्प्रतम  
 पाठ-11 : न धर्मवृद्धेषु वपः समीक्ष्यते  
 पाठ-12 : कवयामि वयामि यामि

**दिसम्बर/जनवरी**

पाठ-13 : भारतीय विज्ञानम्  
 पाठ-14 : भारतेनास्ति मे जीवन जीवनम्  
 व्याकरण : स्वर सन्धि, शब्द रूप, धातु रूप  
 प्रत्यय

फरवरी- श्रवण व वाचन परीक्षा  
 नियतकालिक परीक्षा

वार्षिक परीक्षा के पाठ्यक्रम की पुनरावृत्ति  
 मार्च- वार्षिक परीक्षा

**RAJDHANI PUBLIC SCHOOL**

Class : IXth

Session 2019-2020

A) **General Information**

The all round development of the child involves both the scholastic and the non-scholastic areas of pupil growth, Thus, we try to inculcate the habits of regular study, discipline, sense of responsibility, co-operation, community service and civic consciousness in our children to face the challenges.

B) **Evaluation**

Remodeled assessment structure effective from the Academic Year 2017-18 for Class IX & X.

1. **Scholastic Area**

Total 100 marks (Syllabus for assessment will be only Class-X)				
Subject	80 Marks (Board Examination) Student has to secure 33% marks out of 80 marks in each subject	20 Marks (Internal Assessment) Student has to secure 33% marks out of overall 20 marks earmarked in each subject		
		Periodic Test (10 Marks)	Notebook Submission (5 marks)	Subject Enrichment Activity (5 marks)
		(i)	(ii)	(iii)
Language 1	Board will conduct class-X Examination For 80 marks in each subject covering 100% syllabus of the subject of Class-X only  Marks and Grades both will be awarded for individual subjects  9-Point grading will be same as followed by the Board in Class XII	Periodic written Test, restricted to three in each subject in an Academic year. Average of the best two tests to be taken for final marks submission.	This will cover : * Regularity * Assignment Completion * Neatness & upkeep of notebook	Speaking and listening skills
Language 2				Speaking and listening skills
Science				Practical Lab work
Maths				Maths Lab Practical
Social Science				Map work and Project work
6th Additional Subject	Scheme of studies of 6th additional subject is detailed in Annexure-1 Note : In case student opts a language as 6th additional subject the modalities defined for Languages 1 and 2 shall be followed			

(i) **Periodic Test (10 marks)**

The school should conduct three periodic written tests in the entire academic year and the average of the best two will be taken. The schools have the autonomy to make its own schedule. However, for the purpose of gradient learning, three tests may be held as one being the mid-term test and other the two being pre mid and post mid-term with portion of syllabus cumulatively covered. The gradually increasing portion of contents would prepare students acquire confidence for appearing in the Board examination with 100% syllabus. The school will take the average of the best two tests for final marks submission.

(ii) **Notebook Submission (5 marks) :**

Notebook submission as a part of internal assessment is aimed at enhancing seriousness of students towards preparing notes for the topics being taught in the classroom as well as assignments. This also addresses the critical aspect of regularity, punctuality, neatness and notebook upkeep.

(iii) **Subject Enrichment Activities (5 marks)**

These are subject specific application activities aimed at enrichment of the understanding and skill development. These activities are to be recorded internally by respective subject teachers.

**For languages :** Activities conducted for subject enrichment in languages should aim at equipping the learner to develop effective speaking and listening skills.

**For Mathematics :** The listed laboratory activities and projects as given in the prescribed publication of CBSE/NCERT may be followed.

**For Science** The listed practical works / activities may be carried out as prescribed by the CBSE in the curriculum.

**For social Science :** Map and project work may be undertaken as prescribed by the CBSE in the curriculum.

2. **Co-Scholastic Activities**

Schools should promote co-curricular activities for the holistic development of the student. These activities will be graded on a 5-point grading scale (A to E) and will have no descriptive indicators. No upscaling of grades will be done.

Activity	To be graded on a 5-point scale (A-E) in school	Areas and Objectives (as prescribed in the Scheme of Studies for Subjects of Internal Assessment)
Work Education or Pre-Vocational Education	By the concerned Teacher	Work education is a distinct curricular area for students for participation in social, economic and welfare activities. Student gets a sense of community service and develops self-reliance (for pre-vocational education as per Scheme of Studies)

Geography Chapter 5 : Natural vegetation and wild-life  
: प्राकृतिक वनस्पति तथा वन्य प्रणाली

**November**

Democratic politics Ch. 4 : Working of institution  
: संस्थाओं के कामकाज

Subject Enrichment Activity : Plate tectonic

Map work : 36 to 45

**December**

History Ch. 6 : Peasants and farmers  
: किसान और काश्तकार

Geography Ch. 6 : Population  
: जनसंख्या

Democratic politics Ch. 5 : Democratic rights

Economics Ch. 4 : Food security in India  
: भारत में खाद्य सुरक्षा

Sub. Enrichment Activity : Indian constitution

Map work : Chapter 46 to 50

**January**

**Winter break and revision**

**Pre board and PT-3 exam will be conducted in this month**

**February**

**Revision for final exam in this month**

**March**

**Final exam will be conducted in this month**

**संस्कृत**

**अप्रैल**

पाठ-1 : तत त्वम् असि

पाठ-2 : अविवेक परमापदाम पदम

पाठ-3 : पाथेयम

Chapter : 17 to 25

### June

#### Summer break

### July

History Chapter 3 : Nazism and the rise of Hitler

: नाजीवाद और हिटलर

Geography Chapter 3 : Drainage

: अपवाह

Democratic Politics Ch. 3 : Electoral politics

: चुनावी राजनीति

Subject Enrichment Activity : The rise of Napoleon

#### Note PT-1 Will be conducted in this month

### August

History Chapter 4 : Forest society and colonialism

: वन समाज

Geography Chapter 4 : Climate

: जलवायु

Democratic Politics Ch. 30 : Electoral politics

: चुनावी राजनीति

Eco poetry or a challenge

Subject Enrichment Activity : Russian Revolution 1905

World war 1st

Map work Chapter 26 : India sex ratio

Chapter 27 : India literacy rate

Chapter : 28 to 35

### September

#### Revision for mid term exams

#### Mid term exam will be conducted

#### in the month

### October

History chapter 5 : Pastoralist in the modern world

: आधुनिक विश्व में चरवाहे

Art Education	By the VA/PA or the concerned Teacher	Art education constitutes an important area of curricular activity for development of whole some person ality of the students. Students will select one or more forms of creative arts.
Health & Physical Education (Sports/Matril Arts / Yoga NCC etc.)	By the PE Teacher	Health & Physical activity preferably sports must be given a regular period. Students should be provided opportunities to get professionally trained in the area of their interest, Indigenous sports, yoga and NCC must be encouraged in the schools creating a sense of physical fitness, discipline, sports manship, patriotism, self-sacrifice and healthcare.

#### 3. **Discipline (Attendance, Sincerity, Behaviour, Values) :**

Discipline significantly impacts career shaping and it helps build character, Sincerity, good behaviour and values develop strength and foster unity and co-operation, Therefore, the element of discipline has been introduced Class teacher will be responsible for grading the students on a Five-point scale (A to E)

The internal assessment comprising 20 marks (10+5+5) entails objectivity and a structured approach. For a holistic assessment, the teachers are expected to make it an effective tool.

#### B. **Documentation :**

Records pertaining to the internal assessment of the students done by the schools will be maintained for a period of three months from the date of declaration of result for verification at the discretion of the Board. Subjudiced cases. If any or those involving RTI/ Grievances may however be retained beyond three months)

**Note :** Student opting for a language, as the 6th additional subject will follow the modalities defined as in case of languages 1 and 2 in the main circular.

\* In cash a student misses the exam due to chronic illness, parents are requested to inform the principal/HM in writing and submit a medical certificate to that effect not later than two days after the particular examination. The case will be examined by the medical officer and decision w.r.t. conduction of re-test will be taken by the examination committee.

## ACADEMIC PLAN

Session 2019-20

Class 9th

### ENGLISH

#### APRIL

Reading skill	: Comprehension
Writing	: Letter writing - Description
Grammar	: Tenses, Modals
Literature	
Beehive Chapter 1	: The fun they had
Chapter 2	: The sounds of music
Poem	: The road not taken, wind
Moments Chapter 1	: The lost child
Chapter 2	: The adventure of toto
Assignments	: For above mentioned syllabus
Eng. Enhancement Activities	: Vocabulary building : Conversation skills

#### May

Reading skill	: Comprehension
Writing skill	: E mail - Report writing
Grammar	: Tenses, Determiners
Literature	
Beehive Chapter 3	: Ishwaran the story teller
Assignments	: For the above mentioned syllabus
Eng. Enhancement Activities	: Vocabulary Building - Conversation skills

#### June Summer Vacations

#### July

Geography chapter 1	: India size and location
Democratic Polities	
Chapter1	: What is democracy why democracy? : लोकतन्त्र क्या है लोकतन्त्र क्यों?
Chapter 2	: Constitutional design संविधान निर्माण
Subject Enrichment Activity	: French revolution फ्रांसीसी क्रान्ति
Map work	
Chapter 1	: Location of India in the world
Chapter 2	: India extract and standard meridian
Chapter 3	: India trade
Chapter 4	: India Neighbouring Countries
Chapter 5	: India political divisions
Chapter	: 6, 7,8,9,10

#### May

Economics Chapter 1	: The story of village palampur : पालमपुर
Chapter 2	: People as resources संसाधन के रूप में लोग
Chapter 2	: Physical features of India : भारत का भौतिक स्वरूप
Politics 2	: Constitutional design : संविधान निर्माण
Subject Enrichment Activity	: Democracy : प्रजातन्त्र
Map work	
Chapter 11	: India River basin
Chapter 12	: India temperature
Chapter 13	: India rainfall
Chapter 14	: Atmospheric pressure april
Chapter 15	: India onset of monsoon

i.e. by taking atleast two different solids.

### November

- Chapter 14 : natural resources  
Chapter 15 : Improvement in food resources  
Sub Enrichment Activity  
Practicals / Lab Skills : To study the characteristics of spirogyra, agaricus mass, fem, pinus

### December

#### Revision will start for final exam

- Sub Enrichment Activity  
Practicals / Lab skill : To verify the laws of conservation of mass in a chemical reaction  
- to study the life cycle of mosquito

### January

**Winter break revision continued for final exam.**

**Preboard and PT-3 exam will be conducted**

**in this months**

### February

**Revision continued for final exam.**

### March

**Final exam will be conducted by school in this month.**

## SOCIAL SCIENCE

### April

- History Chapter 1 : The french rovolution  
: फ्रांसीसी क्रान्ति  
Chapter 2 : Socialism in europe and the  
russian rovolution  
: यूरोप में समाजवाद एवं रूसी क्रान्ति

- Reading Skill : Comprehension  
Writing Skill : Story writing  
- Diary entry

- Grammar  
Literature  
Beehive Chapter 4 : A truly beautiful mind  
Chapter 5 : The snake and the mirror  
Poem : A legend of northland  
Moments Chapter 4 : In the kingdom of fools  
Chapter 5 : The happy prince  
Assignments : For the above mentioned syllabus  
Eng. Enhancement Activities : Vocabulary building  
- Conversation skills

**1st periodic test will be conducted in the month of July**

### August

- Reading skill : Comprehension  
Writing skill : Article writing  
- Speech writing  
Grammar : Tenses, Prepositions  
Literature  
Beehive Chapter 6 : My childhood  
Moments Chapter 6 : Weathering the storm in  
Ersama  
Assignments : For the above mentioned  
syllabus  
- Conversation skills

### Subject Enrichment Activity

**ASL-1 (Assessment of speaking & listening skills)**

### September

**IInd periodic examination will be conducted  
in the month of September**

### October

- Reading Skill : Comprehension

- Writing skill : Dialogue writing  
- Bio sketch
- Grammar : Voice, Preposition  
- Editing / omission
- Literature
- Beehive Chapter 7 : Packing
- Chapter 9 : Bond of love
- Poem : No men our foreign  
- The duck and the kangaroo
- Moments Chapter 7 : The lost leaf
- Assignments : For the above mentioned  
- Syllabus
- Eng. Enhancement Activities : Vocabulary building  
- Conversation skills

#### November

- Reading Skill : Comprehension
- Writing skill : Short composition  
- Message writing  
- Conjunction, reported  
- Speech

#### Literature

- Beehive Chapter 8 : I reach the top-1  
- I reach the top - II
- Poem : On killing a tree
- Chapter 19 : Kathmandu
- Moments Chapter 8 : A house is not a home
- Assignments : For the above mentioned  
- Syllabus
- Eng. Enhancement Skills : vocabulary building  
- Conversation skills

#### December

- Reading Skill : Comprehension
- Writing Skill : Debate, article
- Grammar : Jumbled sentence

- Chapter 11 : Work and energy
- Subject Enrichment Activity
- Practicals / Lab Skills : To determine the M.P. of ice and B.P. of water  
- To establish relationship between weight of rectangular wooden block lying on a horizontal table and the minimum for required to just move is using a spring balance  
- To determine the mass percentage of water imbibe by raisins

#### Revision will be done for mid term exam

#### September

**Periodic test - 2 i.e. mid term exam. will be conducted in this month**

#### October

- Chapter 4 : Structure of atom
- Chapter 12 : Sound
- Sub Enrichment Activity
- Practicals / Lab Skills : To verify the laws of reflection of sound  
- To determine the density of solid by using a spring balance and a measuring cylinder  
- To establish the reaction between the loss in weight of a solid when fully immersed in  
- Top water  
- Strong salty water, with the weight of water displaced by

- Iron with copper sulphate solution in water
- Burning of magnesium in air
- Zinc with dilute sulphuric water
- Heating of copper sulphate
- Sodium sulphate with barium chloride in the form of their solution in water

### June

### Summer Break

### July

- Chapter 9 : Force and laws of motion  
 Chapter 6 : Tissues  
 Chapter 3 : Atoms and molecules  
 Subject Enrichment Activity / Lab Activity / Practical
- To prepare a stained temporary mounts of
  - Onion peel
  - Human cheek cells
  - To identify parenchyma and scleren chyma tissue in plants stripped muscles fibres and nerve cells in animals from prepared slides and to draw their labelled diagrams
  - To separate the components of a mixture of sand common salt and ammonium chloride by sublimation

**Periodic test-I will be conducted in this month**

### August

- Chapter 7 : Diversity in living organism

- Connectors, clauses

### Literature

- Beehive Poem : The snake trying  
 Chapter 11 : If I were you  
 Moments Chapter 9 : The accidental tourist  
 Chapter 10 : The beggar  
 Assignments : For the above mentioned  
 - Syllabus

### Eng. Enhancement Activities

### ASL-IIInd (Assessment of speaking & listening skills)

### January

Revision work for annual examination

IIIInd periodic test will be conducted in the month of January

### February

Revision for final examination

**Note : Whole syllabus of Term-I & Term-II will be covered in final examination**

### March

### Final examination

### हिन्दी

### अप्रैल

- काव्य खण्ड कबीर : साखियाँ एवं सबद  
 गद्य खण्ड प्रेमचन्द : दो बैलौ की कथा  
 कृतिका : इस जल प्रलय में  
 व्याकरण : उपसर्ग प्रत्यय, समास, निबन्ध  
 क्रियाकलाप
- 1) बच्चों को उपसर्ग तथा प्रत्यय से नए-नए शब्द निर्माण का अभ्यास करवाना, मूल शब्द तथा धातु की पहचान करना।
  - 2) सभी बच्चों को तीन या चार दोहे याद करने के लिए कहिए परन्तु सब बच्चों के दोहे अलग-अलग हो।
  - 3) बाढ़ से जुड़ी किसी आपदा का वर्णन

करना या अनुभव सुनाना।

### मई

काव्य खण्ड	: ललदयद वाख
गद्य खण्ड	: ल्हासा की ओर
कृतिका	: मेरे संग की औरते
व्याकरण	: पत्र निबन्ध अर्थ की दृष्टि से वाक्य भेद

- क्रियाकलाप
- 1) कक्षा में सभी बच्चों को आठ समूह में बांटकर अर्थ के आधार पर वाक्यों के भेदों की पहचान करवाना।
  - 2) अपनी किसी भी यात्रा का वर्णन यात्रा वृत्तान्त विद्या के आधार तैयार करवाना।

### जुलाई

काव्य खण्ड	: सवैये कैदी और कोकिला
गद्य खण्ड (कृतिका)	: उपभोक्तावाद की संस्कृति
व्याकरण	: अंलकार, अपठित गद्यांश
क्रियाकलाप	1) बच्चों में रचनात्मक अभिव्यक्ति का विकास, कला कौशल का विकास करना।

**नोट : नियतकालिका परीक्षा जुलाई में ली जाएगी।**

### अगस्त

काव्य खण्ड	: ग्राम श्री, चन्द्र गहना से लौटती बेर
गद्य खण्ड	: सांवाले सपनों की याद, नाना साहब की पुत्री मैना
कृतिका	: रीढ़ की हड्डी
व्याकरण	: अपठित गद्यांश, काव्यांश, प्रतिवेदन, पत्र, निबन्ध

- क्रियाकलाप
- 1) पर्यावरण के प्रति बच्चों में जागरूकता पैदा करना
  - 2) बच्चों को ग्रामीण जीवन तथा वहां की समस्याओं से अवगत करना और इस पर अनुच्छेद लिखवाना

### Lab Skills / practicals

To test : The presence of starch in the given food sample

- The presence of the adulterant metanil yellow in dal

To prepare : A true solution of common salt and sugar, alum

- A suspension of soil, chalk powder and fine sand in water
- A colloids of starch in water and egg albumin in water and distinguish between these on the basis of transparency
- Filtration criterion
- Stability

### May

- Chapter 2 : Is matter around us pure
- Chapter 5 : The fundamental unit of life
- Chapter 13 : Why do we fall ill
- Sub Enrichment Activity : Lab skills / practicals
- To prepare a mixture
  - A compound using iron fillings and sulphur powder and distinguish between on the basis of appearance, behaviour towards a magnet
  - Behaviour towards carbon disulfide as a solvent
  - Effect of heat
  - To carry out the following of reactions and classifying them as physical or chemical changes



- To obtain a parallelogram by paper folding method

### Assignment related to the topic taught

#### November

- Chapter 13 : Surface area and volume  
Chapter 11 : Constructions  
Subject Enrichment Activity : To construct a square root spiral

### Assignment related to the topic taught

#### December

- Chapter 10 : Circle  
Subject Enrichment Activity : To verify that
- The angle in a semicircle is a right angle
  - The angle in a major segment is acute
  - The angle in a minor segment is obtuse
  - The angles made in semicircle are equal using the method of paper cutting, pasting and folding

### Assignment related to the topic taught

#### January

Periodic Test-3 will be conducted in this month

#### February

Revision and assignment for the final exams.

#### March

Final exam will be conducted in the month of march

### SCIENCE

#### April

- Chapter 1 : Matter in our surrounding  
Chapter 8 : Motion  
Subject Enrichment Activity

नोट: प्रथम सत्र वाचन एवं परीक्षा/ मूल्यांकन लिया जाएगा।

सितम्बर: प्रथम सत्र हेतु पुनरावृत्ति करवाई जाएगी एवं प्रथम सत्र परीक्षा इसी महीने ली जाएगी।

#### अक्टूबर

- काव्य खण्ड : चन्द्र गहना से लौटती, मेघ आए  
गद्य खण्ड : प्रेमचन्द के फटे जूते, मेरे बचपन के दिन  
व्याकरण : पत्र, निबन्ध, प्रतिवेदन, उपसर्ग, प्रत्यय आदि  
क्रियाकलाप 1) सच्चे व्यक्तित्व की पहचान कराना, बाहरी दिखावे से हर जीवन की वास्तविकता को पहचाना  
2) लड़का लड़की एक समान या समाज में लड़की की स्थिति पर संवाद तैयार कराना।

#### नवम्बर

- काव्य खण्ड : यमराज की दिशा  
गद्य खण्ड : एक कुत्ता और एक मैना  
कृतिका : माटी वाली  
व्याकरण : समास, अर्थ की दृष्टि से वाक्य भेद, निबन्ध  
क्रियाकलाप 1) जीव जन्तुओं के प्रति संवेदनशीलता या परोपकार की भावना पैदा करना- बच्चों से इस पर अनुच्छेद लिखवाना।  
2) आतंकवाद मानवता का भक्षक है इस पर कक्षा में चर्चा करना।

#### दिसम्बर

- काव्य खण्ड : बच्चे काम पर जा रहे हैं  
कृतिका : किस तरह अखिरकार मैं हिन्दी में आया  
व्याकरण : पत्र अंलकार प्रतिवेदन  
क्रियाकलाप 1) बच्चों में सेवदनशीलता, आलोचनात्मक, चिन्तन तथा संवादशैली उत्पन्न करना।  
2) प्रत्येक बच्चा अपने जीवन से संबंधित जानकारी लिखे।

नोट : श्रवण वाचन परीक्षा इस महीने ली जाएगी।  
जनवरी सभी अध्यायों की पुनरावृत्ति करवाई जाएगी।  
तृतीय नियतकालिक परीक्षा जी जाएगी।

### फरवरी

द्वितीय सत्र परीक्षा हेतु पुनरावृत्ति करवाई जाएगी  
मार्च द्वितीय सत्र परीक्षा इस महीने में ली जाएगी।

## **MATHEMATICS**

### **April & May**

- Chapter 1 : Number system  
Chapter 2 : Polynomials  
Chapter 3 : Co-ordinate geometry  
Chapter 14 : Statistics  
Subject Enrichment Activity : To find the values of abscissae and ordinates of various points given in a cartesian plane  
- Verify  $a^3 - b^3 = (a-b)(a^2 + ab + b^2)$  using unit cubes  
- To interpret the factors of a quadratic expression of the type  $x^2 + b^2 + c$  geometrically, using square grids, strips and paper slips

### **Assignment related to the topic taught**

### **June**

### **Summer Vacations**

### **July**

- Chapter 4 : Linear equations in two variable  
Chapter 5 : Introduction to euclid's geometry  
Chapter 6 : Lines and angles  
Subject Enrichment Activity : To verify experimentally that if

- two lines intersect then  
a) The vertically opposite angles are equal  
b) The sum of two adjacent angles is  $180^\circ$   
c) The sum of all the four angles is  $360^\circ$

### **Assignment related to the topic taught**

### **Note : Periodic test-I will be conducted**

### **August**

- Chapter 7 ; Triangles  
Chapter 12 : Heron's formula (To find area of triangles)  
Chapter 15 : Probability  
Subject Enrichment Activity : To show that area of triangles is half the product of the base and the height, using paper cutting and pasting methods  
- To verify the mid point theorem for a triangle, using paper cutting and pasting method

### **Assignment related to the topic taught**

### **September**

### **Periodic test 2 Mid term exam will be conducted in the month of September**

### **October**

- Chapter 8 : Quadrilateral  
Chapter 9 : Area of parallelogram and triangles  
Chapter 13 : surface area and volume  
Subject Enrichment Activity : To show the quadrilateral formed by joining the mid points of its sides