



7082011001, 9254353404



<http://www.mdnpublicschool.com>



[http://twitter.com/mdnps\\_rohtak](http://twitter.com/mdnps_rohtak)



admin@mdnps.in



MDN-Public-School-Rohtak



[http://bit.ly/MDNPS\\_YC](http://bit.ly/MDNPS_YC)

### Class-IX Syllabus & Monthly Planner 2020-21

Subject	April-2020	May-2020	June-2020	July-2020	August-2020
<b>English Language &amp; Literature</b>	<b>Beehive -</b> Ch-1 The Fun they had Ch-2 The sound of Music <b>Poem-</b> The Road not taken <b>Moments-</b> Ch-1 The lost child Ch-2 The Adventures of Toto <b>Grammar-</b> Tenses, Modals	<b>Beehive -</b> Ch-3 The Little Girl Ch-4 A truly Beautiful Mind <b>Poem-</b> Wind <b>Moments-</b> Ch-3 Ishwaram the story teller Ch-4 In the kingdom of fools <b>Grammar-</b> Conjunctions, determiners, editing, omission, re-arrange of Jumble words <b>Writing Skills-</b> Diary Entry, Story Writing		<b>Beehive -</b> Ch-5 The Snake & the Mirror Ch-6 My Childhood <b>Poem-</b> Rain on the Roof <b>Moments-</b> Ch-5 The Happy Prince Ch-6 Weathering the storm in Ersama <b>Grammar-</b> Subject verb agreement, Active Voice <del>Passive Voice</del> <b>Writing Skills-</b> Article Revision of Reading Section	<b>Poem-</b> • The Lake Isle of Innis free • A Legend of the Northland • No Men are Foreign
<b>Hindi Course-B (Deleted Topics: Refer to Page No.6)</b>	<b>क्षितिज गद्य खंड</b> पाठ- दो बैलों की कथा, लहासा की ओर <b>व्याकरण-</b> अपसर्ग/प्रत्यय, समास	<b>क्षितिज गद्य खंड</b> पाठ- साँवले सपनों की याद <b>कृतिका पाठ्यपुस्तक-</b> पाठ-मेरे संग की औरतें <b>क्षितिज पद्य खंड-</b> कबीर (साखियाँ और सबद)		<b>क्षितिज काव्य खंड</b> पाठ- वाखू (ललदयद), पाठ- सवैये (रसखान) <b>व्याकरण-</b> अपठित गद्यांश, पद्यांश, अलंकार <b>रचनात्मक लेखन-</b> पत्र-लेखन	<b>व्याकरण-</b> अर्थ के आधार पर वाक्य भेद <b>रचनात्मक लेखन</b> संवाद लेखन, लघुकथा लेखन, अनुच्छेद लेखन
<b>Maths</b>	<ul style="list-style-type: none"> <li>Ch-1 Number Systems</li> <li>Ch-2 Polynomials</li> </ul>	<ul style="list-style-type: none"> <li>Ch-3 Co-ordinate Geometry</li> <li>Ch-15 Probability</li> <li>Ch-4 Linear Equations in two variables</li> </ul>		<ul style="list-style-type: none"> <li>Ch-4 Linear equation in the variables (Cont.)</li> <li>Ch-6 Linear and Angles</li> </ul>	<ul style="list-style-type: none"> <li>Ch-14 Statistics</li> </ul>
<b>Physics (Deleted Topics: Refer to Page No.6)</b>	<ul style="list-style-type: none"> <li>Motion</li> </ul>	<ul style="list-style-type: none"> <li>Motion (Contd.)</li> <li>Force and laws of Motion</li> </ul>		<ul style="list-style-type: none"> <li>Force and laws of Motion (Contd.)</li> <li>Gravitation</li> </ul>	<ul style="list-style-type: none"> <li>Gravitation (Contd.)</li> <li>Revision</li> </ul>

Subject	April-2020	May-2020	June-2020	July-2020	August-2020
<b>Chemistry</b> (Deleted) Topics: Refer to Page No.6)	<ul style="list-style-type: none"> <li>Matter in our surroundings</li> </ul>	<ul style="list-style-type: none"> <li>Is matter around us pure</li> </ul>		<ul style="list-style-type: none"> <li>Is matter around us pure (Contd.)</li> </ul>	<ul style="list-style-type: none"> <li>Revision</li> </ul>
<b>Biology</b> (Deleted) Topics: Refer to Page No.6)	<ul style="list-style-type: none"> <li>The fundamental unit of life</li> </ul>	<ul style="list-style-type: none"> <li>Tissues</li> <li>Revision of – The Fundamental unit of life and Tissues</li> <li>Improvement in Food Resources (half)</li> </ul>		<ul style="list-style-type: none"> <li>Improvement in Food Resources + Revision</li> </ul>	<ul style="list-style-type: none"> <li>Revision + Assignments</li> </ul>
<b>Social Science</b>	<b>Geography-</b> <ul style="list-style-type: none"> <li>Ch-1 India-size and location</li> </ul> <b>Civics-</b> <ul style="list-style-type: none"> <li>Ch-1 What is Democracy? Why Democracy?</li> <li>Ch-2 Constitutional Design</li> <li>Ch-3 Electrical Politics</li> </ul>	<b>History-</b> <ul style="list-style-type: none"> <li>Ch-1 The French Revolution</li> <li>Ch-2 Socialism in Europe and the Russian Revolution</li> <li>Ch-3 Nazism and the rise of Hitler</li> </ul> <b>Geography-</b> <ul style="list-style-type: none"> <li>Ch-2 Physical Features of India</li> <li><del>Ch-3 Drainage</del></li> </ul> <b>Economics-</b> <ul style="list-style-type: none"> <li>Ch-1 The story of village Palampur</li> <li>Ch-2 People as a resource</li> </ul>		<b>Civics-</b> <ul style="list-style-type: none"> <li>Ch-4 Working of Institution</li> </ul> <b>Economics-</b> <ul style="list-style-type: none"> <li>Ch-3 Poverty as a challenge</li> </ul>	<b>Geography-</b> <ul style="list-style-type: none"> <li>Ch-4 Climate</li> <li>Ch-5 Natural vegetation &amp; wildlife</li> </ul>
<b>Computer Application</b>	<ul style="list-style-type: none"> <li>Ch-1 Computer System</li> <li>Ch-2 Types of Hardware</li> </ul> <b>Assignment-</b> <ul style="list-style-type: none"> <li>Write different types of computer</li> <li>Write 10 types of Hardware</li> </ul> <b>Lab Activity-</b> <ul style="list-style-type: none"> <li>Basic typing in MS Word and use of mouse</li> </ul>	<ul style="list-style-type: none"> <li>Ch-3 Types of software</li> <li>Ch-4 Basics of operating system</li> </ul> <b>Assignment-</b> <ul style="list-style-type: none"> <li>In notebook write the different types of software with examples</li> <li>Write about various operating systems.</li> </ul> <b>Lab Activity-</b> <ul style="list-style-type: none"> <li>Basic on MS Paint and Word pad.</li> </ul>		<ul style="list-style-type: none"> <li>Ch-7 Open Office.org writer-I</li> <li>Ch-8 Open Office.org writer-II</li> </ul> <b>Assignment-</b> <ul style="list-style-type: none"> <li>Write different types of formatting in MS Word</li> </ul> <b>Lab Activity –</b> <ul style="list-style-type: none"> <li>Write about yourself and write an application in MS word 2010 or open office.org</li> </ul>	<ul style="list-style-type: none"> <li>Ch-9 Presentation Tool : 00 Impress</li> </ul> <b>Assignment-</b> <ul style="list-style-type: none"> <li>Write presentation tool purpose and application in fair notebook</li> </ul> <b>Lab Activity –</b> <ul style="list-style-type: none"> <li>Create a slide in impress</li> </ul> <b>Term-1 Practical</b>

**Class-IX**  
**Syllabus & Monthly Planner 2020-21**

Subject	September-2020	October-2020	November-2020	December-2020	January-2021
<b>English Language &amp; Literature</b>	<b>Beehive -</b> Ch-7 Packing <b>Poem-</b> On Killing A Tree <b>Moments-</b> Ch-7 The Last Leaf  • Term Examination-I	<b>Beehive -</b> Ch-8 Reach For The Top Ch-9 The Bond of Love <b>Poem-</b> The Snake Trying <b>Moments-</b> Ch-8 A House is not a Home <del>Ch-9 The Accidental Tourist</del> Revision of Grammar	<b>Beehive -</b> <del>Ch-10 Kathmandu</del> Ch-11 If I Were You <b>Poem-</b> A Slumber Did My Spirit Seal <b>Moments-</b> Ch-10 The Beggar Revision of Writing Skills & Reading skills	Revision of Complete syllabus	• <b>Term Examination-II</b>
<b>Hindi Course-B (Deleted Topics: Refer to Page No.6)</b>	• अवधि परीक्षा-1	<b>क्षितिज गद्य खंड</b> पाठ- प्रेमचंद के फटे जूते <b>पद्य खंड-</b> पाठ- कैदी और कोकिला <b>कृतिका-</b> पाठ-रीढ़ की हड्डी <b>व्याकरण-</b> उपसर्ग/प्रत्यय, समास, अपठित गद्यांश	<b>क्षितिज पद्य खंड</b> पाठ- बच्चे काम पर जा रहे हैं <b>कृतिका-</b> पाठ- माटीवाली <b>व्याकरण-</b> अलंकार, अर्थ के आधार पर वाक्य <b>रचनात्मक लेखन-</b> संवाद लेखन, पत्र-लेखन, अनुच्छेद लेखन, लघुकथा लेखन, अपठित पद्यांश	पुनरावृत्ति + कक्षा-परिक्षा	• अवधि परीक्षा-2
<b>Maths</b>	• <b>Term Examination-I</b>	• Ch-7 Triangles	• Ch-13 Surface areas and volumes • Ch-10 Circle	• Ch-8 Quadrilaterals • Ch-11 Constructions • Revision Test	• Ch-12 Heron's Formula • Revision • <b>Term Examination-II</b>
<b>Physics (Deleted Topics: Refer to Page No.6)</b>	• <b>Term Examination-I</b>	• Work and Energy	• Work and Energy (Contd.) • Sound	• Sound (Contd.)	• Revision • <b>Term Examination-II</b>
<b>Chemistry (Deleted Topics: Refer to Page No.6)</b>	• <b>Term Examination-I</b>	• Atoms & Molecules	• Atoms & Molecules (Contd.) • Structure of the atom	• Revision	• Revision • <b>Term Examination-II</b>
<b>Biology (Deleted Topics: Refer to Page No.6)</b>	• <b>Term Examination-I</b>	• Diversity in Living Organism	• Diversity in Living Organism (Contd.) • Why do we fall ill	• Natural Resources	• Revision • <b>Term Examination-II</b>

Subject	September-2020	October-2020	November-2020	December-2020	January-2021
<b>Social Science</b>	<ul style="list-style-type: none"> <li>• <b>Term Examination-I</b></li> </ul>	<b>History-</b> <ul style="list-style-type: none"> <li>• Ch-2 Socialism in Europe &amp; Russian Revolution</li> <li>• Ch-3 Nazism and the rise of Hitler</li> </ul>	<b>Geography-</b> Ch-4 Climate <b>History -</b> Ch-1 The French Revolution	<ul style="list-style-type: none"> <li>• Revision and Revision Tests</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Term Examination-II</b></li> </ul>
<b>Computer Application</b>	<ul style="list-style-type: none"> <li>• Ch-5 Computer Networking</li> <li>• Ch-10 Spreadsheet Tools OO Cal-I</li> </ul> <b>Assignment-</b> <ul style="list-style-type: none"> <li>• In table write different types of networking with their advantages and examples</li> </ul> <b>Lab Activity –</b> <ul style="list-style-type: none"> <li>• In a Calc create a worksheet bases on topic students mark list.</li> </ul> <b>Term-1 Practical &amp; Theory Exam</b> <ul style="list-style-type: none"> <li>• In calc create a worksheet on given topic with formatting tools.</li> </ul> <ul style="list-style-type: none"> <li>• <b>Term Examination-I</b></li> </ul>	<ul style="list-style-type: none"> <li>• Ch-6 Cyber safety</li> <li>• Ch-11 Spreadsheet tools Calc-II</li> </ul> <b>Assignment-</b> <ul style="list-style-type: none"> <li>• On A4 size sheet, make a collage of cyber crimes with newspaper cutting.</li> <li>• Write all types of charts with diagram in fair notebook</li> </ul> <b>Lab Activity-</b> <ul style="list-style-type: none"> <li>• Make a sheet in calc and apply all types of formulas and chart.</li> </ul> <b>Term-2 Practical</b> <ul style="list-style-type: none"> <li>• Create a table with function and chart on given topic</li> </ul>	<ul style="list-style-type: none"> <li>• Ch-12 Scratch Programming-I</li> </ul> Revision and Revision Test <b>Assignment –</b> <ul style="list-style-type: none"> <li>• Write all blocks with min. 3 scripts of scratch</li> </ul> <b>Lab Activity-</b> <ul style="list-style-type: none"> <li>• Create a scene or game in scratch</li> </ul> <b>Term-2 Practical</b> <ul style="list-style-type: none"> <li>• In Scratch create any project with atleast 10-20 scripts.</li> </ul>	<ul style="list-style-type: none"> <li>• Revision and Revision Tests</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Term Examination-II</b></li> </ul>

## PRACTICAL (2020-21)

### PHYSICS

Experiments :-

- Ex- 1. To examine the nature of Sound
- Ex- 2. To find Density of a Solid
- Ex- 3. To verify Archimedes' Principle
- Ex- 4. To measure Pressure exerted by a wooden block or a brick
- Ex- 5. To find Velocity of a Pulse in Slinky
- Ex- 6. To find Relationship between Weight of a Body and Force Required to Just Move it.

### CHEMISTRY

Ex-1 Preparation of :

- (a) A true solution of common salt, sugar and alum
- (b) A suspension of soil, chalk powder and fine sand in water.
- (c) A colloidal solution of starch in water and egg albumin/ milk in water and distinction between these on the basis of –
  - \* transparency      \*filtration criterion      \* stability

Ex-2 Preparation of :

- (a) A mixture
- (b) A compound
  - Using iron fillings and sulphur powder and distinction between these on the basis of –
  - (i) Appearance i.e homogeneity and heterogeneity
  - (ii) behaviour towards a magnet
  - (iii) behaviour towards carbon disulphide as a solvent
  - (iv) effect of heat.

Ex-4 Performing to following reaction and classifying them as physical or chemical changes –

- (a) Iron with copper sulphate solution in water.
- (b) Burning of magnesium ribbon in air.
- (c) Zinc with dilute sulphuric acid
- (d) Heating of copper sulphate crystals.
- (e) Sodium sulphate with barium chloride in the form of their solutions in water.

### BIOLOGY

Ex-1 Preparation of stained temporary mounts of

- (a) Onion peel      (b) Human Cheek cells

And record observations and draw their labeled diagrams.

Ex-2 Identification of parenchyma, collenchyma and sclerenchyma tissues in plants, stripped, smooth and cardiac muscle fibres and nerve cells in animals from prepared slides. Drawing of their labeled diagrams.

Ex-3 Study of a characteristics of Spirogyra / Agaricus, mass/ fern, Pinus (either with male or female cone) and an angiospermic plant. Drawing and providing two identifying features of the groups they belongs to.

Ex-4 Observing the given pictures/ charts/ models of earthworm cockroach, bony fish and bird. For each organism.

- (a) One specific feature of its phylum
- (b) One adaptive feature with reference to its habitat.

Ex-5 Study of the external features of root, stem and leaf and flower of monocot and dicot plants.

## Deleted Portion in Science (Physics, Chemistry, Biology)

SCIENCE  
(Code No. 086)

CLASS IX

### Deleted Portion (Theory)

#### • Under Unit I: Matter-Nature and Behaviour (CHEMISTRY)

- **Matter in Our Surroundings:** Definition of matter; solid, liquid and gas; characteristics - shape, volume, density; change of state-melting (absorption of heat), freezing, evaporation (cooling by evaporation), condensation, sublimation.

#### • Under Unit II: Organization in the Living World (BIOLOGY)

- **Diversity in Living Organisms:** Diversity of plants and animals-basic issues in scientific naming, basis of classification. Hierarchy of categories / groups, Major groups of plants (salient features) (Bacteria, Thallophyta, Bryophyta, Pteridophyta, Gymnosperms and Angiosperms). Major groups of animals (salient features) (Non-chordates upto phyla and chordates upto classes).

#### • Under Unit III: Motion, Force and Work (PHYSICS)

- **Floatation:** Thrust and Pressure. Archimedes' Principle; Buoyancy; Elementary idea of Relative Density.
- **Sound:** Nature of sound and its propagation in various media, speed of sound, range of hearing in humans; ultrasound; reflection of sound; echo and SONAR. Structure of the Human Ear (Auditory aspect only).

#### • Under Unit V: Food Production

- **Improvement in Food Resources:** Plant and animal breeding and selection for quality improvement and management; Use of fertilizers and manures; Protection from pests and diseases; Organic farming.

#### • DELETED PRACTICALS

1. Separation of the components of a mixture of sand, common salt and ammonium chloride (or camphor).
2. Determination of the melting point of ice and the boiling point of water.
3. Verification of the Laws of reflection of sound.
4. Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).
5. Study of the characteristics of *Spirogyra*, *Agaricus*, Moss, Fern, Pinus (either with male or female cone) and an Angiospermic plant. Draw and give two identifying features of the groups they belong to.
6. Observe the given pictures/charts/models of earthworm, cockroach, bony fish and bird. For each organism, draw their picture and record:
  - a) one specific feature of its phylum.
  - b) one adaptive feature with reference to its habitat.
7. Study of the external features of root, stem, leaf and flower of monocot and dicot plants.

हिन्दी पाठ्यक्रम के निम्नलिखित पाठ हटा दिए गए हैं-

क्षितिज- काव्यखंड-

- कबीर- सखियाँ व सबद पाठ से सबद-2
- सुमित्रानंदन पंत- ग्रामश्री
- केदारनाथ अग्रवाल- चंद्र गहना से लौटती बेर
- सर्वेश्वर दयाल सक्सेना- मेघ आए
- चद्रकांत देवताले- यमराज की दिशा

गद्यखंड-

- शमामा चरण दूबे- उपभोक्तावाद की संस्कृति
- चपला देवी- नाना साहब की पुत्री मैना को भस्म कर दिया गया
- महादेवी वर्मा- मेरे बचपन के दिन
- हजारी प्रसाद द्विवेदी- एक कुत्ता और एक मैना

कृतिका भाग-1

- फणीश्वर नाथ रेणु- इस जल प्रलय में
- शमशेर बहादुर सिंह- किस तरह आखिरकार मैं हिंदी में आया