

## ASSESSMENT SCHEME : 2018-19

- From the Academic year 2017-18, CCE system has been discontinued by CBSE.
- Remodelled assessment structure effective from the Academic year 2017-18 is as follows:

### 1. Scholastic Area

Total 100 Marks				
SUBJECT	80 marks (final exam) 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 20 marks earmarked in each subject		
		**Periodic Test 10%	Notebook submission 5%	Subject Enrichment Activity 5%
		(i)	(ii)	(iii)
Language 1	Examination for 80 marks in each subject.	✓	<b>This will cover :</b> <ul style="list-style-type: none"> <li>▪ Regularity</li> <li>▪ Assignment Completion</li> <li>▪ Neatness &amp; upkeep of notebook</li> </ul>	speaking and listening skill
Language 2		✓		Speaking and listening skill
Science		✓		Practical lab work
Mathematics		✓		Maths lab practical
Social science		✓		Map work and project work

### 2. Co-Scholastic Activities (To Be Graded On a 5-Point Scale) - ( A to E )

Activity
1. Work Education
2. Art Education
3. Health & Physical Education

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

- The internal assessment comprising 20 marks (10+5+5) entails objectivity and a structured approach.
- It is compulsory to pass in all subjects i.e to score 33% marks in scholastic and 33% marks in internal assessment separately and also in aggregate.
- Detailed schedule is in student's Diary.

# S. D. JAIN MODERN SCHOOL

**STANDARD - IX**

**SYLLABUS : 2018-19**

**SUB : ENGLISH**

**Term - I (April - September)**

MONTH	BOOKS	CHAPTER	TO BE COVERED	ACTIVITIES
<b>April &amp; May</b>	Beehire  Moments	Ch. - 1 Ch. - 2 Poem - 1 Poem - 2 Ch. - 1 Ch. - 2 Writing Grammar	The fun they had. The sound of music. The road not taken. Wind The lost-child The adventure of Toto. Article writing Gap filling & Reported speech.	Summer Assignment
		<b>TEST - 1</b> <b>14th JUNE - 2018 (THURSDAY)</b>		
<b>June</b>	Beehire  Moments	Ch. - 3 Ch. - 4 Poem - 3 Ch. - 3 Writing Grammar	The little girl. A truly beautiful mind. Rain on the roof. Iswaran the storyteller. Paragraph writing. Edition & Omission	Speaking Skills
<b>July</b>	Beehire  Moments	Ch. - 5 Poem - 4 Ch. - 4 Ch. - 5 Writing Grammar	The snake and the mirror The lake Isle of Innisfree In the Kingdom of fools. The happy prince. Story Writing Active & Passive Voice	
		<b>TEST - 2</b> <b>18th JULY - 2018 (MONDAY)</b>		
<b>August</b>	Beehire  Moments	Ch. - 6 Ch. - 7 Poem - 5 Ch. - 6 Writing Grammar	My childhood Packing A legend of the motherland Weathering the storm in Ersama Diary Writing Jumbled sentences	Reading Skills
<b>Sept.</b>		<b>TERM - I (15th Sept. to 26th Sept., 2018)</b>		

**Term - II (October - March)**

<b>MONTH</b>	<b>BOOKS</b>	<b>CHAPTER</b>	<b>TO BE COVERED</b>	<b>ACTIVITIES</b>
<b>Oct.</b>	Beehire  Moments	Ch. - 8 Ch. - 9 Poem - 6 Ch. - 7 Writing Grammar	Reach for the top. The bond of love. No men are foreign The last leaf. Formal letter writing Transformation of sentences.	Book Review
<b>Nov.</b>	Beehire Moments	Poem - 7 Ch. - 8	The duck & the kangaroo A house is not a home.	Diwali Assignment
		<b>POST MID TERM 1st DECEMBER to 12th DECEMBER -2018)</b>		
<b>Dec.</b>	Beehire  Moments	Ch. - 10 Poem - 8 Ch. - 9 Writing	Kathmandu On killing a tiger. The accidental tourist Speech writing	Listening a ..  Speaking Skills
<b>Jan.</b>	Beehire  Moments	Ch. - 11 Poem - 9 Poem - 10 Ch. - 10	If I were you. The snake trying A slumber did my spirit seal The beggar	
<b>February</b>			Revision	
<b>March</b>		<b>ANNUAL EXAM (FEBRUARY - MARCH - 2019)</b>		

# S. D. JAIN MODERN SCHOOL

SYLLABUS : 2018-19

STANDARD - IX

Term - I (April - September)

SUB : HINDI

माह	पाठ्यपुस्तक	अभ्यास	रचनात्मक कार्य
अप्रैल	स्पर्श भाग-१ पद्य (पाठ - ६) संचयन (पाठ - १) व्याकरण	रैदास के पद गिल्लू वर्ण विच्छेद अपठित गद्यांश, अनौपचारिक पत्र	'पशु पक्षियों को पालतू बनाना उचित है' विषय पर वाद-विवाद प्रतियोगिता
मई	स्पर्श भाग-१ गद्य (पाठ - १) व्याकरण	दुःख का अधिकार अनुस्वार, अनुनासिक नुकता 'र' के विभिन्न रूप संवाद लेखन	
<b>TEST - 1 (DT. 19-06-2018, TUESDAY)</b>			
जून	स्पर्श भाग-१ पद्य (पाठ - ८) संचयन (पाठ - २) व्याकरण	रहीम के दोहे स्मृति विज्ञापन, चित्रवर्णन	<ul style="list-style-type: none"><li>• पाठ के अतिरिक्त रहीम के अन्य दोहों को फाइल में लिखना व उनका कक्षा में सस्वर वाचन।</li><li>• 'पोशाक का महत्व' विषय पर विद्यार्थियों द्वारा निजी अनुभव लिखना एवं सुनाना</li></ul>
जुलाई	स्पर्श भाग-१ गद्य (पाठ - २) पद्य (पाठ - ६) व्याकरण	एवरेस्ट मेरी शिखर यात्रा आदमी नामा अनुच्छेद	"शारीरिक अक्षमताओं के बावजूद चुनौती झेलने की क्षमता" विषय से सम्बन्धित दो व्यक्तियों का विवरण तैयार करना।
<b>TEST - 2 (DT. 08-08-2018, MONDAY)</b>			

माह	पाठ	व्याकरण	क्रिया-कलाप
अगस्त	स्पर्श - १ गद्य (पाठ - ३) संचयन (पाठ - ३) व्याकरण	तुम कब जाओगे अतिथि  संधि, प्रत्यय, उपसर्ग का प्रयोग, चित्र वर्णन	“हास्य - व्यंग्य युक्त एक लघु नाटिका का मंचन”
सितम्बर		पुनरावर्तन	
<b>MID TERM (15th SEPTEMBER (SAT.) to 26th SEPTEMBER (WED.) - 2018)</b>			
अक्टूबर	स्पर्श - १ पद्य (पाठ - १०) संचयन (पाठ - ४) व्याकरण	एक फूल की चाह  संधि, विराम चिह्नों का प्रयोग	(१) वाद - विवाद प्रतियोगिता “विज्ञान वरदान है या अभिशाप”  (२) निबंध लेखन - इक्कीसवीं सदी और छुआ छूत व्यवस्था
नवम्बर	स्पर्श - १ गद्य (पाठ - ६) व्याकरण	कीचड़ का काव्य चित्र वर्णन, प्रत्यय	भाषण प्रतियोगिता “क्या कीचड़ गंदगी है?”
दिसम्बर	स्पर्श - १ गद्य (पाठ - ११) संचयन (पाठ - ३) व्याकरण	अग्निपथ हामिद खाँ चित्र वर्णन, पत्र, अनुच्छेद	
<b>POST MID TERM (DT. 1st DECEMBER (FRI.) to 12th DECEMBER (WED.) - 2018)</b>			
जनवरी	स्पर्श - १ गद्य (पाठ - ५) पद्य (पाठ - १२)  संचयन (पाठ - ४) व्याकरण	धर्म की आड़ (१) नये इलाके में (२) खुशबू रचते हैं हाथ दिये जल उठे चित्र वर्णन, संवाद	नुककड़ नाटिका “भारत और उसके धर्म”
फरवरी	स्पर्श - १ गद्य (पाठ - ६) पद्य व्याकरण	शुक्रतारे के समान पुनरावर्तन पुनरावर्तन	गांधीजी से संबंधित महत्वपूर्ण घटनाओं को एकत्रित करना और फाइल बनाना (घटना वर्णन)
फरवरी + मार्च	पुनरावर्तन	<b>ANNUAL EXAM IN THE MONTH OF FEBRUARY - MARCH, 2019</b>	

# S. D. JAIN MODERN SCHOOL

SYLLABUS : 2018-19

STANDARD - IX

Term - I (April - September)

SUB : SANSKRIT

माह	पाठ	व्याकरणं	क्रिया-कलापं
अप्रैल	१. भारती वसन्तगीति २. स्वर्णकाकः ३. सोमप्रभम्	उच्चारण स्थानानि, वर्णसंयोजन, वर्ण विन्यास, तुमुन-क्त्वा, ल्यप् प्रत्ययः दीर्घ, गुण, वृद्धि, सन्धिः लट्, लृट्लकार परष्मैपद	कक्षायां संस्कृत, भाषायां स्व परिचयः, परिवेशः परिचयः, श्लोक उच्चारणम्
<b>TEST - 1 : Dt. 19-06-2018</b> १. तत् त्वम् असि २. अविवेकः परमापदाम् पदं, ३. पाथेमय्			
मई	गृष्मावकाश गृहकार्यम्		
जून	४. कल्पतरुः	उपपदविभक्तिः, लट् लकार - यण् संधि, अजन्त पु., शब्दाः, विसर्गस्य, उत्वं, रुत्वं, लोपः	कथा लेखनम् सूत्रिणां संग्रहः
जुलाई	५. सूक्तिमौक्तिकम् ६. भ्रान्तोबालः	म् - स्थाने अनुस्वारं णत्वं, त् स्थाने च्, त् स्थाने ल्, अजन्तः स्त्री. शब्दाः र् पूर्वस्य रेफस्य लोपः, दीर्घत्वं च वर्गीय - प्रथम - उनक्षराणां, सर्वनामशब्दाः, तृतीय वर्गे परिवर्तनम्, शब्दरूपं चा	कक्षायां संस्कृतभाषायां अभीभाषणं श्लोक उच्चारणं चा
<b>TEST - 2, DT. 08-08-2018</b> १. पाथेयम् २. स्वास्थ्यवृत्तम् ३. भ्रातृस्नेहस्तु दुर्लभः			
अगस्त	७. भ्रान्तोबालः	सर्वनाम् शब्दाः धातुरुपाणि उपपद विभक्तयः	कवीनां जीवनं परिचय प्राचीन व्याकरण कवीनां वैशिष्ट्यं च
<b>MID TERM (Dt. 15th SEPTEMBER to 26th SEPTEMBER, 2018)</b> १. अविवेकः परमापदाम् पदं २. पाथेयम् ३. स्वास्थ्यवृत्तम् ४. भ्रातृस्नेहस्तु दुर्लभः ५. विद्या भान्ति सद्गुणाः			
सितम्बर	पुनरावर्तनम् <b>SUMMATIVE ASSESSMENT - I</b>		

**Term - II (October to March)**

माह	पाठ	व्याकरणं	क्रिया-कलापं
अक्टूबर	८. प्रत्यभिज्ञातम् ९. लौहतुला	उपपद, विमात्री, हलन्त् शब्दाः संख्यावाचक शब्दाः एक, द्वि, त्रय, चतुर्थ, पञ्च क्त, क्तवतु प्रत्ययाः, संस्था शब्द रूपाणि	शब्दकोशः निर्माणाः (फल, पुष्प, पशु-पक्षि, वस्तु, नामानि)
	७. तरवे नमस्तु ८. कर्मयाणायाति		
नवम्बर	१०. लौहतुला	लोट्, विधिलिङ्गः, लकार परस्मैपदः, उपपद विभक्ति द्वितीया से पञ्चमी कारक - प्रथमा, द्वितीया, तृतीया	समाचार वाचन श्रवणं च
दिसम्बर	११. सिकतासेतु १२. जटायोले शौर्यम्	उपपद विभक्ति - षष्ठी, सप्तमी, शतृ प्रत्यय, आत्मनैपद धातकः कारक - चतुर्थी, पञ्चमी	कक्षायां संस्कृत भाषाणं सर्वनाम शब्दानाम् व्यवहारः
<b>POST MID TERM (DT. 01-12-2018)</b>			
	८. विजयताम स्वदेशः ९. कोऽहम् वदतु सामप्रदम् १०. कवयामि वयामि यामि		
जनवरी	१२. पर्यावरणम् १३. ताऽमयः प्राणस्वरूपम् १४. मंगलम्	शानच् प्रत्ययः, कारक षष्ठी, सप्तमी वाक्य संशोधनः उभे पदी धातवः	संस्कृत साहित्य विषयं कक्षायां चर्चा, वेदाः पुराणानां विषय चर्चा
फरवरी	<b>पुनरावर्तनम्</b> <b>IN THE MONTH OF FEBRUARY - MARCH, 2019</b> संपूर्ण पाठ्यक्रमः		

# S. D. JAIN MODERN SCHOOL

SYLLABUS : 2018-19

**STANDARD - IX**

Term - I (April - September)

**SUB : MATHS**

MONTH	CHAPTER	TOPICS TO BE COVERED	ACTIVITIES
<b>APRIL</b>	1	Number System	- To represent an irrational number on number line. - To make a square root spiral. - Group Models - Identity $(x + a)(x + b)$
	12	Heron's Formula	
	2	Polynomials	
<b>MAY</b>	Summer Vacation - Project, Models Making, Summer Assignment		
<b>JUNE</b>	5	Introduction to Euclid's Geometry	
	6	Lines and Angles	
	15	Probability	
		<b>PRE MID TERM TEST</b> <b>Dt. 13-06-2018</b> Syllabus : Ch. 1 - Number system, Ch. 12 - Heron's Formula Ch. 2 - Polynomial	
<b>JULY</b>	7	Triangles	<b>Activity</b> - Relations of inequalities in triangles  <b>Activity</b> - To obtain the mirror image
	3	Co-ordinate Gemometry	
<b>AUGUST</b>		<b>PRE MID TERM TEST</b> <b>Dt. 11-07-18</b> Syllabus : Ch. 6 - Lines & Angles Ch. 2 - Polynomial Ch. 5 - Introduction to Euclid's Geometry Ch. 15 - Probability	



MONTH	CHAPTER	TOPICS TO BE COVERED	ACTIVITIES
AUGUST	8	Quadrilaterals	- To verify mid point theorem by paper cutting / pasting - Parallelograms on same base and between same parallels are equal by paper cutting
	9	Areas of Parallelograms and Triangles	
SEPT.		<b>REVISION</b> <b>POST MID TERM</b> Dt. 18-09-2017 to 28-09-2017 (Syllabus - April to August)	
OCT.	4	Linear Equations in two variables	- To obtain a linear equation and draw graph. • Angle at centre is double the angle subtended by same arc at any point on circumference of circle. • Angles in same segment are equal • Property of cyclic quadrilateral
	10	Circles	
		Diwali Vacation : Assignment	
NOV.	11	Construction	
	14	Statistics	
DEC.	14	Statistics (Cont.)	
	13	Surface Area and Volume	
		<b>POST MID TERM TERM</b> Syllabus : April to November	
JAN.	13	Surface Areas and Volumes (Contd.)	
		Revision	
FEB.		Revision	
MARCH		<b>ANNUAL EXAM</b> (Syllabus - APRIL - 2018 to FEBRUARY - 2019)	

# S. D. JAIN MODERN SCHOOL

SYLLABUS : 2018-19

**STANDARD - IX**

Term - I (April - September)

**SUB : PHYSICS**

MONTH	CHAPTER	TOPICS TO BE COVERED	ACTIVITIES
<b>APRIL</b>	Motion  Ch. 8	<ul style="list-style-type: none"> <li>- Definition of Motion</li> <li>- Motion along a straight line</li> <li>- distance and displacement</li> <li>- Uniform and Non-uniform Motion</li> <li>- Speed</li> <li>- Velocity</li> <li>- Rate of Change of Velocity</li> <li>- Problems</li> </ul>	Interpretation of graph MCQ Test  Worksheet
		<b>TEST - 1 (Dt. 20-06-2018)</b> Chapter - MOTION	
<b>MAY</b>	Summer Vacation - Project, Models, Summer Assignment		
<b>JUNE</b>	Motion (cntd.)	<ul style="list-style-type: none"> <li>- Graphical representation of Motion</li> <li>- Distance time graphs</li> <li>- Velocity time graphs</li> <li>- Equations of motion</li> <li>- Circular motion</li> <li>- Problems based on equation of motion.</li> </ul>	<ul style="list-style-type: none"> <li>- Drawing graph and its interpretation</li> <li>- to show inertia by using card and tumbler</li> <li>- Quiz</li> </ul>
<b>JULY</b>	Ch. 9 FORCE	<ul style="list-style-type: none"> <li>- Force definition</li> <li>- Balanced and unbalanced force</li> <li>- First law of motion</li> <li>- Inertia and mass</li> <li>- Second law of motion</li> <li>- Third law of motion</li> </ul>	<ul style="list-style-type: none"> <li>- To show the relation between Force and Mass (Lab Activity)</li> <li>- MCQ based on Practical Skill</li> </ul>
		<b>TEST - 2 (Dt. 22-08-2018)</b> Force from Inertia Gravitation - Weight	
<b>AUGUST</b>	Ch. 9 FORCE (Cont.)	<ul style="list-style-type: none"> <li>- Conservation of momentum</li> <li>- Problems</li> </ul>	To show free fall from a height

MONTH	CHAPTER	TOPICS TO BE COVERED	ACTIVITIES
<b>AUGUST</b>	Ch. 10 Gravitation	<ul style="list-style-type: none"> <li>- Definition</li> <li>- Tangent to a circle</li> <li>- Universal law of gravitation</li> <li>- Mass, Weight,</li> <li>- Weight of an object on the moon</li> </ul>	<ul style="list-style-type: none"> <li>(1) To show why objects floats or sinks</li> <li>(2) To show Archimedes principle</li> </ul>
		<p><b>MID TERM</b> Written Exam Chapter : Motion, Force Gravitation : Why objects sinks or floats</p>	
<b>SEPT.</b>	Ch. 10 Gravitation (cntd.)	<ul style="list-style-type: none"> <li>- Thrust and Pressure</li> <li>- Buoyancy objects floats or sinks</li> <li>- Archimedes Principle</li> <li>- Relative density</li> </ul>	- Presentation on Energy & its forms
<b>OCT.</b>	Ch. 11 Work & Energy	<ul style="list-style-type: none"> <li>- Work (Definition)</li> <li>- Work done by constant force</li> <li>- Energy</li> <li>- Forms of Energy</li> <li>- Kinetic Energy</li> <li>- Potential Energy</li> </ul>	
		<b>POST MID TERM</b>	
	Ch. 11 Work & Energy (cntd.)	<ul style="list-style-type: none"> <li>- Law of conservation of energy</li> <li>- Power</li> <li>- Units of energy</li> <li>- Problems</li> </ul>	Work Sheet
<b>DEC.</b>	Ch. 12 Sound	<ul style="list-style-type: none"> <li>- Definition</li> <li>- Production of Sound</li> <li>- Characteristics of Sound Wave</li> <li>- Reflection of Sound</li> <li>- Echo, Reverberation</li> <li>- Range of Hearing</li> <li>- Sonar</li> <li>- Structure of Human Ear</li> </ul>	<ul style="list-style-type: none"> <li>- To show sound is produced due to vibration using tuning fork</li> <li>- MCQ</li> </ul>
<b>FEB./ MARCH</b>		<b>FINAL EXAM (FEBRUARY - MARCH-2019)</b>	

# S. D. JAIN MODERN SCHOOL

SYLLABUS : 2018-19

**STANDARD - IX**

Term - I (April - September)

**SUB : CHEMISTRY**

MONTH	CHAPTER NAME AND TOPICS COVERED	ACTIVITY
APRIL	<b>L - 1 : Matter in our Surroundings</b>	Small test (quiz, crossword, puzzle in the class)
MAY	Summer Assignments, Projects & Model	
JUNE	<b>Ch. 2 : Matter around us is pure</b>	
	<b>Test - 1 :</b> (20-06-2018), Wednesday Syllabus : L - 1	
JULY	<b>Ch. - 2 : Matter around us is pure. (Cntd.)</b>	Worksheet - 1 worksheet - 2
	<b>Test - 2 :</b> (11-08-2018), Thursday Syllabus : L - 2	MCQ Test
AUGUST	<b>Ch. 3 : Atoms &amp; Molecules (Cont.)</b>	Practical based test
SEPTEMBER	<b>Term - I :</b> (15th to 26th September, 2018)	
OCTOBER	<b>Ch. - 3 : Atoms &amp; Molecules (Cont.)</b>	Worksheet - 1
Nov./Dec.	<b>Ch. - 4 : Structure of An Atom</b>	Worksheet - 2
JANUARY	<b>Ch. - 4 : Structure of An Atom (Cont.)</b>	
FEBRUARY	Revision	

# S. D. JAIN MODERN SCHOOL

SYLLABUS : 2018-19

**STANDARD - IX**

Term - I (April - September)

**SUB : BIOLOGY**

MONTH	CHAPTER NAME AND TOPICS COVERED	ACTIVITY
<b>APRIL</b>	L - 5 : The fundamental unit of life-'cell'	<b>1) Preparation of Stained Temporary mounts of...</b> a) Onion Peel b) Human Cheek Cells
<b>MAY</b>	L - 5 : The fundamental unit of life-'cell' (Cont.)	Worksheet
<b>JUNE</b>	L - 6 : Tissues	2) Identification of Parenchyma, Collenchyma and Sclerenchyma from prepared slides.
	<b>TEST - 1</b> : (Dt. 15-06-2018) (Friday) Syllabus : L - 5 : 'Cell'	
<b>JULY</b>	L - 6 : Tissues (Cont.)  L - 15 : Improvement in Food Resources	3) Identification of smooth and Cardiac muscle fibers & Nerve cells by prepared slides.
<b>AUGUST</b>	<b>TEST - 2</b> : (Dt. 25-07-2018) (Wednesday) Syllabus : L - 6 : Tissues	- Class Test
<b>SEPTEMBER</b>	<b>REVISION</b> <b>MID TERM</b> : (15th Sept. to 20th Sept.)	
<b>OCTOBER</b>	L - 7 : Diversity in Living Organisms	1) To study characteristics of Spirogyra, Agaricus, Moss, Fern, Pinus-cone and Angiospermic plant
<b>NOVEMBER</b>	L - 13 : Why do we Fall ill ?	1) Observing picture / models of earthworm, cockroach, bony fish & birds 2) Worksheet
	<b>POST MID TERM (1st Dec. to 12th Dec.)</b>	
<b>DECEMBER</b>	L - 14 : Natural Resources	1) Study of the external features of root, stem, leaf and flower of monocot and dicot plants. 2) Class Test
<b>JANUARY</b>	Revision	Lab Activity Test (MCQs)
<b>FEB./MARCH</b>	<b>ANNUAL EXAM</b>	

# S. D. JAIN MODERN SCHOOL

SYLLABUS : 2018-19

**STANDARD - IX**      **SCIENCE PRACTICAL**      Term - I (April - September)

1. To test
  - (a) the presence of starch in the given food sample.
  - (b) the presence of the adulterant metanil yellow in dal
2. To prepare
  - (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 in water and distinguish between these on the basis of : (i) transparency (ii) filtration (iii) stability
3. To prepare
  - (a) a mixture
  - (b) a compound using iron fillings and sulphur powder and distinguish between these on the basis of -
    - (i) appearance i.w. homogeneity and heterogeneity
    - (ii) behavior towards a magnet
    - (iii) behaviour towards carbon disulphide (a solvent)
    - (iv) effect of heat
4. To carry out the following chemical reactions and record observations. Also to identify the type of reaction involved in each case :
  - (i) Iron with copper sulphate solution in water      (ii) Burning of magnesium in air
  - (iii) Zinc with dilute sulphuric acid      (iv) Heating of lead nitrate
  - (v) sodium sulphate with barium chloride in the form of their solution in water.
5.
  - (a) To prepare stained temporary mount of onion peel cells and to record observation and draw labeled diagram.
  - (b) To prepare stained temporary mount of human cheek cells and to record observation and draw labelled diagrams.
6.
  - (a) To identify parenchyma, collenchyma and sclerenchyma tissues in plant, from prepared slides and to draw their labelled diagrams.
  - (b) To identify striped muscle fibres and nerve cells in animals, from prepared slides and to draw their labelled diagrams.
7. To determine the percentage of water absorbed by raisins.
8. To separate the components of mixture of sand, common salt and ammonium chloride (or camphor) by sublimation
9. To determine the melting point of ice and the boiling point of water.

# S. D. JAIN MODERN SCHOOL

SYLLABUS : 2018-19

**STANDARD - IX**      **SCIENCE PRACTICAL**      Term - II (October - March)

## List of Experiments :

1. To verify the laws of reflection of sound.
2. To determine the density of solid (denser than water) by using a spring balance and a measuring cylinder.
3. To establish 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.
4. To observe and compare the pressure exerted by a solid iron cuboid on fine sand / wheat flour while resting on its three different faces and to calculate the pressure exerted in the three different cases.
5. To determine the velocity of a pulse propagated through a stretched string / slinky.
6. To study the characteristic 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.
7. To 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 the phylum.
  - b. One adaptive feature with reference to its habitat.
8. To verify the law of conservation of mass in a chemical reaction.
9. To study external features of root, stem, leaf and flower of monocot and dicot plants.

# S. D. JAIN MODERN SCHOOL

SYLLABUS : 2018-19

**STANDARD - IX**

Term - I (April - September)

**SUB : GEOGRAPHY**

MONTH	CHPT.	CHAPTERS TO BE COVERED	ACTIVITIES
APRIL / MAY	1	India -Size and Location	- Mark on the political outline map of India. - Neighbouring countries of India with the flags & .....
		<b>TEST - 1</b> (Dt. 18-06-2018) Ch. 1 with Map	
JUNE / JULY	2	Physical features of India	- Mark on the political map of India mountain ranges and peaks.
JULY / AUGUST	3	Drainage	- Mark on the political outline map of india rivers & lakes of India
		<b>TEST - 2</b> (Dt. 01-08-2018) Ch. 2 with Map	
SEPTEMBER		<b>TERM - I</b> (WRITTEN TEST) Dt. 15th Sept. to 26th Sept. Syllabus : 1, 2, 3 with Map	
OCTOBER	4	Climate	- Write the important terms with picture.
NOVEMBER	5	Natural vegetation & wildlife	Mark on the political outline map of India. N.P. Wildlife Sanct. and Birds Sanct.
		<b>POST MID TERM</b> 1st to 12th December, 2018 Syllabus Ch. 4 & 5 with Maps	
DECEMBER	6	Population	Marks on the political outline map of india the density of people



# S. D. JAIN MODERN SCHOOL

SYLLABUS : 2018-19

**SUB : History/  
Civics**

**STANDARD - IX**

Term - I (April - September)

MONTH	BOOK	CHAPTERS TO BE COVERED	ACTIVITIES
<b>APRIL / MAY</b>	History	The French Revolution	Debate on women's right in modern time.
	Civics	What is Democracy ? Why?	Comparative study of changing maps of the world.(in context of Democracy)
	Eco.	The Story of Village Palampur.	
<b>JUNE / JULY</b>	History	The Russian Revolution	Comparison of views of different thinkers about socialism.
	Civics	Constitutional Design	
	Eco.	People as a Resource	Explain the views and role of constitution framers.
		<b>TEST - 1 (Dt. 18/06/18)</b> History : Ch. 1 (Full) Related Map Civics : Ch. 2 (Full) Eco. : Ch. 1 (Full)	
<b>AUGUST</b>	History	Nazism & Rise of Hitler	Collage - Nazi world view
	Civics	Electoral Politics	Comparison of views of different thinkers about democracy
	Eco.	Poverty as a challenge	
		<b>TEST - 2 (Dt. 01-08-18)</b> History : Ch. 2 (Full) Related Map Civics : Ch. 3 (Full) Eco. : Ch. 2 (Full)	
		<b>TERM - I (15th Sept. to 26TH Sept., 2018)</b> History : Ch. 1 & 2 (Full) Related Map Civics : Ch. 2, 3, 4 (Full) Eco. : Ch. 1, 2 (Full)	

MONTH	BOOK	CHAPTERS TO BE COVERED	ACTIVITIES
<b>OCTOBER / NOVEMBER</b>	History	Forest Society & Colonialism	Make PPT on different uses of forest products (integrated with Science)
	Civics	Working of Institutions	List the names & portfolios of Cabinet Ministers of each at the Union level and in our state
		<b>POST MID TERM</b> <b>Dt. 1st to 12th, Dec., 2018</b> History : Ch. 3,4 (Full) Related Map Civics : Ch. 4, 5 (Full) Eco. : Ch. 2, 3 (Full)	
<b>DECEMBER</b>	Civics	Democratic Rights	
	Eco	Food Security in India	
<b>JANUARY</b>		<b>REVISION</b>	
<b>FEBRUARY</b>		<b>REVISION</b>	

# S. D. JAIN MODERN SCHOOL

SYLLABUS : 2018-19

Sub. : **INFORMATION  
& TECHNOLOGY**

**STANDARD : IX**

**Term - I** (April - September)

MONTH	UNITS	TOPICS TO BE COVERED
APRIL	Unit - 4	Ch. 4 : Introduction to HTML - I
MAY	Unit - 4	Ch. 4 : Introduction to HTML - I (cont.)
JUNE	Unit - 4	Ch. 5 : Introduction to HTML - II
JULY	Unit - 1	Ch. 1 : Basics of Internet
AUGUST	Unit - 1	Ch. 1 : Basics of Internet (cont.)
SEPTEMBER	Unit - 3	Ch. 3 : Introduction to GIMP
OCTOBER	Unit - 3	Ch. 3 : Introduction to GIMP (cont.)
NOVEMBER	Unit - 2	Ch. 2 : Web Services
DECEMBER	Unit - 5	Ch. 6 : Security Threats and Security Measures
JANUARY	Unit - 5	Ch. 6 : Security Threats and Security Measures (Cont.)
FEB./MARCH		Project Work

# S. D. JAIN MODERN SCHOOL

SYLLABUS : 2018-19

**STANDARD : IX**

**Term - I (April - September)**

**Sub. : VISUAL ARTS**

MONTH	VISUAL ART DRAWING BOOK	TOPICS
APRIL	P - 09 - 20	A.) VISUAL ARTS BASICS AND TERMS
JUNE	P - 21 - 24	B.) MODELING (PENCIL SHADING)
JULY	P - 26 - 33	STILL LIFE
AUGUST	P - 35 - 37	COLOUR TONE
SEPTEMBER	P - 38 - 43	NATURE STUDY
	P - 44 - 51	LANDSCAPE

## EXAMINATION SYLLABUS OF TERM - I

**STILL LIFE : P - 27**

**COLOUR TONE : P - 35**

**NATURE STUDY : P - 38**

**LANDSCAPE : P - 45**

## TERM - I ACTIVITIES

1. Designing & decoration of bulleting boards.
2. Making posters & cards for school functions.
3. Constructing stage setting props and designing other items.
4. Organizing art and craft exhibition.

## **Term - II (October - March)**

MONTH	VISUAL ART DRAWING BOOK	TOPICS
OCTOBER	P - 52 - 65	SKETCHING
	P - 68 - 73	PORTRAIT
NOVEMBER	P - 74 - 77	LIFE STUDY
	P - 78 - 83	COMPOSITION
DECEMBER	P - 88 - 90	CARTOON
	P - 91 - 92	STORY BOARD
JANUARY	P - 93 - 94	COLLAGE
	P - 95 - 98	POSTER DESIGNING
FEBRUARY	P - 99	LOGO DESIGNING
	P - 103 - 105	CALLIGRAPHIC STROKES

## EXAMINATION SYLLABUS OF TERM - I

**EYES, EARS, NOSE & LIPS : P - 60 - 61**

**COMPOSITION : P - 78**

**STORY BOARD : P - 92**

**POSTER DESIGNING : P - 96 - 97**

## TERM - I ACTIVITIES

1. Contribution made by any one contemporary artist.
2. Poster and slogan writing competitions to celebrate different days.
3. Canvas painting.

# S. D. JAIN MODERN SCHOOL

SYLLABUS : 2017-18

STANDARD : IX

Sub. : YOGA

MONTH	
APRIL	Stretching Exercise
	Surya Namaskar Steps : 1, 2, 3, 4,5,
	Asana : Padmasan, Buddha Padmasan,Vajrasan
JUNE	Warmup Exercise
	Suryanamaskar : Steps - 1 to 7
	Pranayam : Omkar
	Asana - Buddha Padmasan, Gomukhasan, Supta Vajrasan, Vajrasan, Matsyasan
JULY	Stretching Exercise
	Pranayam and Suryanamaskar - 12 steps
	Asana - Paschimottasan, Urdh Matsyasan, Urdh Chakrasan, Kukutasan
AUGUST	Suryanamaskar
	Asana - Ustrasan, Lolasan, Chakrasan, Dhanurasan, Bhumasan,
	Paschimottasan, Kukutasan
SEPTEMBER	Stretching Exercise, Practice (Asana)
	<b>Term - II</b> (October - March)
OCTOBER	Warmup Exercise
	Pranayam - Anulom - Vilom, Bhastika Pranayam
	Asana - Purna Chakrasan, Purna Dhanurasan, Naukasan, Matsyasan, Vyaghrasan
	Bhumasan, Salbhasan
NOVEMBER	Suryanamaskar
	Asana - Utthit Padhastasan, Naukasan, Dhanurasan, Shirsasan, Bhumasan
DECEMBER	Stretching Exercise
	Pranayam - Bharnri Pranayam, Omkar
	Asana - Mayurasan, Kukutasan, Bhadrasan, Purna Ustrasan, Salbhasan
JANUARY	Pranayam, Suryanamaskar
	Asana - Purna Dhanurasa, Purna Chakrasan, Matsyasan
FEBRUARY	Stretching
	Yogasan - Dhanurasan,
MARCH	All the Asana, Pranayam (Practice only)

# S. D. JAIN MODERN SCHOOL

SYLLABUS : 2017-18

STANDARD : IX

Sub. : PHYSICAL AND  
HEALTH EDUCATION

## ATHLETICS : TRACK EVENT, FIELD EVENT

- 1) **Running Event** : Sprint, Middle and Long Distant events.
- 2) **Jumping Event** : To teach techniques of High Jump, Long Jump & Introduction of basic fundamentals of Triple Jump.
- 3) **Throwing Events** : To teach techniques of Shot-Put and Discus. Introduction of basic fundamentals of Throwing.

MONTH	
APRIL	Basic fundamentals skill of - Kho-Kho, Basket Ball and practices.
MAY	SUMMER HOLIDAYS
JUNE	Basic fundamentals skill of Football and Badminton and practices.
JULY	Knowledge of Chess, Carrom, T.T. and Practices of games.
AUGUST	Practices of Chess, Carrom, T. T. , Badminton and teaching of Throw Ball.
SEPTEMBER	Practices of Throw Ball and Volley Ball also.
OCTOBER	Drills and Ground Activities.
NOVEMBER	Practices of Hand Ball and Athletics.
DECEMBER	Athletics practices, Throwing and Jumping.
JANUARY	tRACK eVENT and March Past practices.
FEBRUARY	Practices of Kabaddi
MARCH	Annual Exam

# S. D. JAIN MODERN SCHOOL

SYLLABUS : 2017-18

STANDARD : IX

Sub. : MUSIC VOCAL

MONTH	
APRIL	1.) Alankar ..... 5, 6, 7, 8
	2.) Prayer Song - Tu hi Raam Hai
MAY	SUMMER VACATION
JUNE	1.) Alankar ..... 9, 10
	2.) Definition - Music, Alankar, Taal
	3.) Taal : Teen Taal, Dadra, Kerwa
JULY	1.) Prayer Song - Vandana ke
	2.) Swaron ka Gyaan
AUGUST	1.) Patriotic Song - 15th August Celebration
	2.) Janmashtmi Celebration
	3.) Music Competitions
	<b>TERM - I</b>
	<b>SYLLABUS : APRIL - SEPTEMBER</b>
	<b>IIInd Term</b> (October to February)
OCTOBER	1.) Annual Song Practice
	2.) Diwali Vacation
NOVEMBER	1.) Folk Song
	2.) Definition of Folk Song
DECEMBER	1.) Xmas Song
	2.) Collect information and photographs of famous singers
	3.) Difference between Classical Music and Western Music
JANUARY	1.) Patriotic song practice for 26th January Celebration
FEBRUARY	Revision & Exam

**TERM - II**

**SYLLABUS : OCTOBER - MARCH**

# S. D. JAIN MODERN SCHOOL

SYLLABUS : 2017-18

**Sub. : MUSIC  
INSTRUMENTAL**

**STANDARD : IX**

**Term - I (April - September)**

MONTH	KEBOARD	GUITAR	TABLA	CONGO	DRUM
April	5th Alankar with Rhythm Keharva	Basic Finger Exercise	"ta" & "na" on sound Tabla Basic	Waltz Pattern	Leg's Movement Exercise
May	SUMMER VACATION				
June	5th Alankar with Rhythm Keharva (Cntd.)	Basic Finger Exercise (Continued)	"dha" & "tin" same on tabla	Waltz Pattern (Continue)	Waltz Pattern
July	School Song	C - Scale	Taal "Dadra"	Latin Pattern	Waltz Pattern (Continue)
August	Independence Day Practice	Independence Day Practice	Independence Day Practice	Independence Day Practice	Independence Day Practice
September	National Anthem	D - Scale	Taal "Dadra" Continued	Latin Pattern	"Regge" Pattern
<b>Term - II (October - March)</b>					
October	Annual Function Practice	Annual Function Practice	Annual Function Practice	Annual Function Practice	Annual Function Practice
November	Alankar Practice with Taal Dadra	E Scale & School song on C Scale	Taal "Keharva"	Rock Pattern	Double Rege Pattern
December	Alankar Practice with Taal Dadra (continued)	E Scale & School song on C Scale (Cntd.)	Taal "Keharva" (Continued)	Rock Pattern (Continued)	Double Rege Pattern (Continued)
January	Republic Day Practice	Republic Day Practice	Republic Day Practice	Republic Day Practice	Republic Day Practice
February	School Prayer	C, D & E Chord Positioning Practice	Song Vande Mataram with Kehrava Taal	Prayer Practice	Revision of all above
March	<b>ANNUAL EXAM - II</b>				