

SYLLABUS

2018 - 2019

CLASS : X



**RUKMINI DEVI
PUBLIC SCHOOL**

The school with a difference...

Under the aegis of Seth Pokhar Mal Educational Society

- * Recognized by Directorate of Education, Govt. of NCT, Delhi
- * Affiliated & Accredited to CBSE, MHRD, Govt. of India
- * Affiliation No. 2730165



Pitampura, Delhi - 110034

Tel : 27314235, 27313693, 64666462 Fax : 27311473

Website : www.rdpschool.edu.in

Email : contact@rdpschool.edu.in

Our Vision : Excellence in Education

Our Mission : To strive for the strong foundation of young learners in the age group of 3+ to 17 years which will facilitate them to become active participants in life long learning and earning by integrating both national and international dimensions in the curriculum supported by the state-of-the-art infrastructure.

Our Philosophy :

"You are a Child of immortality.

Your roots go deep to eternity,

Your reach is unto infinity."

"A child is not a vessel to be filled but a lamp to be lighted."

Mission Statement (2017 - 2022)

"The school will develop a well-knit system to contribute towards Digital India Programme by digitalizing 40% of its processes by 2018 and 60% by 2022 consequently reducing the paper usage and promoting environmental sustainability. The school will contribute toward the clean India mission by organizing frequent cleanliness drives, spreading awareness about hygiene through street plays and other mass awareness programmes."

INDEX

Page No.

1. Introduction.....	1-7
2. Examination schedule.....	8
3. English.....	9-11
4. Mathematics.....	12-14
5. Hindi.....	15-17
6. Science.....	18-21
7. Social Science.....	22-25
8. German	26-28
9. French.....	29-30
10. Physical Education.....	31
11. Health Education.....	32
12. Art Education	33-38
13. Year Planner.....	39
14. List of Holidays	40

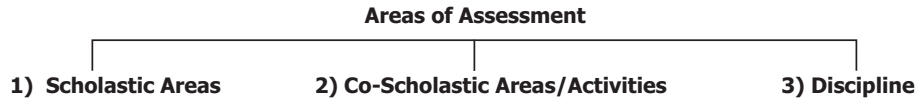
RUKMINI DEVI PUBLIC SCHOOL

Session: 2018-19 Class: X

This booklet provides an overview of scholastic and co-scholastic areas to be covered in the academic session of class X along with concerned syllabi, evaluation system and tentative schedule of the same.

I. INTRODUCTION

The holistic development involves both the scholastic and the co-scholastic areas of pupil's 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. In order to meet our target of preparing young Rukminians to face the future challenges with confidence, the school believes in preparing and evaluating the students qualitatively in scholastic and co-scholastic areas.



1. SCHOLASTIC AREAS (Academic subjects) : The student will be assessed in 5 academic subjects[#] namely Language I, Language II, Mathematics, Science and Social Science. Regular classes are provided by the school in the above mentioned academic subjects. Students will be evaluated in all the subjects for their understanding comprehensively through Periodic Tests, Notebook submission, Subject enrichment activities and board exam (Details mentioned on Page No. 4 - 7). Marks and grades both will be awarded for individual subjects as per the given grading scale.

Marks Range	91-100	81-90	71-80	61-70	51-60	41-50	33-40	32 & below
Grade	A1	A2	B1	B2	C1	C2	D	E (Failed)

2. CO-SCHOLASTIC AREAS

For robust development of the students co-curricular activities in Work Education, Art Education, Health and Physical Education will be carried out by respective teachers. The aspect of regularity, sincere participation, output and teamwork will be the generic criteria for grading in co-scholastic activities.

Co- Scholastic Areas/ Activities

Work Education

Art Education

Health and Physical Education

- **Work Education:** Work education is a distinct curricular area for students for participation in social, economic and welfare activities. Student will get a sense of community service and develop self-reliance. Work Education Activities will promote holistic development of the student. These activities will be graded on a 5-point grading scale. The content of Work Education will comprise three categories:
- Self-help Activities: A programme for the satisfaction of day-to day needs of the students and their families.
- Community Out-reach Activities: A programme for sensitization of the students towards their responsibility to satisfy the community needs.
- Pre-vocational Skill Development Activities: A programme to prepare the students for the world of work.

Section	Activities	Methodology	Duration	Assessment Weightage
Self Help	Preparation of family budget and maintenance of daily household accounts.	<p>A. Workshop by Senior Commerce Faculty briefing the students about:</p> <ol style="list-style-type: none"> 1. Identifying importance of household accounts. 2. Learning the procedure of recording transactions. 3. Keeping records of expenses, vouchers, receipts, bills, etc. 4. Preparing simple receipts and payment account in the register systematically and neatly. 5. Comparing past receipts and payments with present receipts and payments. 6. Discriminating between necessities, comforts and luxuries of different families. <p>B. Based on the briefing given in the workshop, students will be involved in -</p> <ol style="list-style-type: none"> 1. Preparing a list of consumable articles of the family. 2. Collecting comparative prices for the required consumable articles. 3. Allocating the family income on various heads. 4. Preparing family budget. <p>Making a comparative study of the budget of families from lower class, lower middle and middle class.</p>	April - May	1

	Helping school authorities in organizing: (a) picnics, tours, excursions, functions. (b) exhibitions.	<p>Organization of picnics, tours, excursions and school functions:</p> <ul style="list-style-type: none"> - planning the programme; - forming groups for different functions such as conveyance, food, games and entertainment, collection of funds and maintenance of accounts; - making arrangements/preparation of each activity; - organizing/performing activities on the day of the picnic, tour/excursion, function; - evaluation of the success of the programme/effectiveness of the activity undertaken. <p>• Organizing exhibitions:</p> <ul style="list-style-type: none"> - planning the programme; - collecting/making exhibits and keeping them safely; - collecting suitable tables, boards, etc., for display; - cleaning and decorating the exhibition hall or ground; - displaying the exhibits on proper spots according to plan; - doing reception duty on the day of the exhibition; - explaining exhibits to the visitors; - collecting the exhibits after the exhibition and restoring them to their owners/the school authorities; - putting back the furniture, etc., in its proper place 	April – February (As per school's event calendar)	0.5
	Basic cooking activities.	<ul style="list-style-type: none"> • Sandwich making • Salad dressing 	July	0.5
Community Outreach	Participation in cleanliness drives in schools, community and neighbourhood areas.	<ol style="list-style-type: none"> 1. Mandatory membership of Eco/Heritage club. 2. Organizing cleanliness drive in the school and nearby areas. 3. Participation in the street play promoting cleanliness. 	October	3
Pre-vocational Skill	Repair and maintenance of domestic electrical gadgets	<ol style="list-style-type: none"> 1. Introduction to Basic electric circuit and AC and DC concept 2. Explanation of construction and working of basic electrical gadgets 3. Video and Hands on Demonstration 	April - February	5

The work education activities will be graded on a 5-point grading scale. The facilitating teacher responsible for the activity will grade the students annually and award marks as per the assessment scale provided.

SECTION WISE WEIGHTAGE IN WORK EDUCATION

Section	Total Weightage
Self-help Activities	2
Community Outreach Activities	3
Pre-vocational Skill Development Activities	5
Total	10 Points = A Grade

- **Art Education:** A student has to choose any one of the following options:
Vocal Music, Instrumental Music, Indian Dance, Bharatnatyam and Contemporary Dance, Dramatics or Visual Art. It will be assessed on 5 point grade scale under the guidance of respective subject teacher.
- **Health and Physical Education:** Health and Physical activity (Sports) is given regular class twice a week. Students are provided with an opportunity to get professionally trained in the area of interest focusing on Physical Fitness, Sportsmanship, Self Sacrifice and Health Care. It will be assessed on 5 point grade scale under the guidance of respective subject teacher.

3 Discipline:

Discipline significantly impacts career shaping and it helps in building character. Sincerity, good behaviour and values develop strength and foster unity and co-operation. The students will be assessed for discipline based on the factors like attendance, sincerity, behavior, values, tidiness, respectfulness for rules and regulations, attitude towards society, nation and others. Grading on discipline will be done on a 5 point grade scale.

II. EVALUATION AND PROMOTION

Scholastic Areas

Term/ Duration Subject	Periodic Test 1	Periodic Test 2	Periodic Test -3	Pre-Boards / Mock Tests
English	20	80	20	80
Hindi/French/German	20	80	20	80
Mathematics	20	80	20	80
Science	20	80	20	80
Social Science	20	80	20	80
#Additional Subject – Hindi	20	80	20	80

PARAMETERS OF ASSESSMENT FOR CO-SCHOLASTIC AREAS

While the students are engaged in the co-scholastic areas, the process is as important as the product. Hence, the assessment in these areas should take account of both aspects. The basis of assessment has been suggested below:

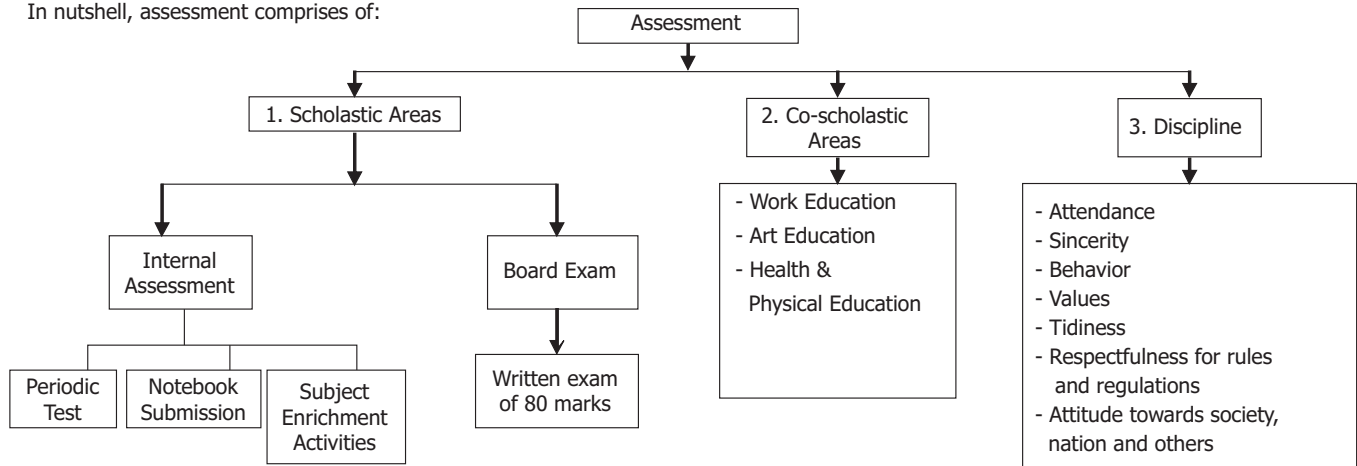
Co-scholastic Areas	Product	Process
Work Education	Utility, Durability and Aesthetic appeal	Participation, cooperativeness, patience, systematic approach, neatness and cleanliness in work and work place and devotion and honest effort in work
Art Education	Expression, creativity and Aesthetic appeal	Participation, cooperativeness, patience, systematic approach, neatness and cleanliness in work and work place and devotion and honest effort in work
Health and Physical Education Art Education	Overall fitness	Participation, team-spirit, commitment and honest effort.

Details of Five-point Grading for Co-scholastic Areas

Health and Physical Education

Grade	Grade Point
A	Outstanding
B	Very Good
C	Good
D	Fair
E	Average

In nutshell, assessment comprises of:



INTERNAL ASSESSMENT

- **Marks of Internal Assessment to be forwarded to CBSE (20 Marks):** Average of the best of 2 Periodic Tests (PT 1, PT 2, PT 3 – each reduced to 10) + Assessment of Notebook Submission** for the complete session (5) + Assessment of Subject Enrichment activities*** for the complete session (5)

****Notebook Submission Parameters** (5 Marks): Regularity, Assignment completion, Neatness and upkeep of Notebooks

*****Subject Enrichment Details** (5 Marks):

Subject	Enrichment Activity
English	Assessment of Speaking and Listening Skills
Hindi/French/German	Assessment of Speaking and Listening Skills
Mathematics	Maths Lab Work
Science	Practical Lab Work
Social Science	Map work and project work

Additional Language: Students may take Hindi as an Additional Language and the modalities of assessment will be same as defined for languages in scholastic areas (CBSE Circular No. Acad 5/2017).

- Qualifying percentage will be as per CBSE norms.
- Each student should have 75% of attendance to be eligible to appear in Periodic Tests/Exams.
- In case there happens to be a holiday on a particular Periodic Tests date, it will be held on the next working day.
- Question papers will follow the blue print as provided by CBSE.
- The answer sheet of Periodic Tests after having been checked by the teacher will be shown to the students. No changes in marks will be made once the answer sheet is checked by the concerned student.
- It is compulsory for each student to appear in all the tests. Should a student fail to appear for a test (whatever grounds), he / she would have to pay Rs. 500/- per test and compulsorily appear in the retest / exam of the same. The amount would be deposited to the respective class teacher before the retest.

Note: Any mid-term changes in the scheme of studies / exams by CBSE will be accordingly catered to.

Examination Schedule		Syllabus: 2018-2019		Class : X
* PT 1	**PT 2	*PT 3	**Pre – Boards / Mock Tests	
16.07.2018 to 20.08.2018	06.09.2018 to 19.09.2018	14.11.2018 to 17.12.2018	26.12.2018 to 18.01.2019	
<p>Date sheet will be provided a month in advance.</p> <p>* M.M. : 20 Duration : 1 hr.</p> <p>** M.M. : 80 Duration : 3 hrs.</p>				

Subject : English		Syllabus: 2018-2019		Class : X
Prescribed Books : 1. Interact in English – X Literature Reader (English Communicative) 2. Interact in English – X Workbook (English Communicative) 3. Interact in English – X Main Course Book (English Communicative) (MCB) 4. Novel: The Story of My Life by Helen Keller				
TEST/EXAM (M.M.)	DETAILS OF CHAPTERS TO BE COVERED			SUBJECT ENRICHMENT ACTIVITIES
March - May 15.03.18 to 25.05.18	Lit. Reader:	F1:	Two Gentlemen of Verona	<ul style="list-style-type: none"> • Speaking Speak your Mind (Debate) Just A Minute • Listening Speeches by well-renowned historical personalities. • Videos based on MCB Unit 1 and 2.
		F2:	Mrs. Packletide's Tiger	
		P1:	The Frog and the Nightingale	
		P2:	Not Marble, nor the Gilded Monuments	
		D2:	Julius Caesar	
	Workbook:	Unit 1:	Determiners	
		Unit 2:	Tenses	
		Unit 3:	Subject Verb Agreement	
		Unit 4:	Non-finites – Infinitives and Participles	
		Unit 5:	Relatives	
		Unit 6:	Connectors	
	Writing Skills:		Diary Entry, Formal Letter (Letter to the Editor), Informal Letter	
	MCB:	Unit 1:	Health and Medicine	
		Unit 2:	Education	
	Novel:		Chapters : 1-5	
Periodic Test -1 02.07.18 to 15.07.18	Lit. Reader:	P3:	Ozymandias	<ul style="list-style-type: none"> • Speaking Group Discussion
	Workbook:	Unit 7:	Conditionals	

Test date: (20) 16.07.18	Syllabus and assignments covered from 02.07.18 till 15.07.18	
Periodic Test -2 (80) (Half Yearly) 16.07.18 to 05.09.18	Lit. Reader: F4: A Shady Plot F5: Patol Babu, Film Star D1: The Dear Departed Workbook: Unit 8: Comparison Unit 9: Avoiding Repetition- Substitution and Omission Writing Skills: Formal letter (Letters of enquiry, order and complaints) MCB: Unit 3: Science Unit 4: Environment Novel: Chapters:6-14	<ul style="list-style-type: none"> • Speaking Weaving a Yarn Role Play • Listening Video on the play : The Dear Departed Task based on MCB Unit 4 Environment
Test Dates (80) 06.09.18 onwards	Syllabus and assignments covered from 15.03.18 till 05.09.18	
Periodic Test -3 (20) 20.09.18 to 13.11.18	Lit. Reader: F3: The Letter F6: Virtually True P5: Snake Workbook: Unit 10: Nominalisation Unit 11: Modals-Expressing Attitudes Unit 12: Active and Passive Voice Writing Skills: Story Writing MCB: Unit 5: Travel and Tourism	<ul style="list-style-type: none"> • Speaking In the Hot Seat • Listening Spell-O-Check <p>ASL (Assessment of Speaking and Listening Skills) as per CBSE guidelines.</p>

<p>Test Dates</p> <p>(20)</p> <p>14.11.18</p>	<p>Syllabus and assignments covered from 20.09.18 till 13.11.18</p>	
<p>Mock Test/Pre Board</p> <p>14.11.18 to 25.12.18</p>	<p>Lit. Reader: P4: The Rime of the Ancient Mariner</p> <p>Workbook: Unit 13: Reported Speech</p> <p>Unit 14: Prepositions Integrated Grammar Practice</p> <p>Writing Skills : Revision of Formal Letter to the Editor and Story Writing</p> <p>MCB: Unit 6: National Integration</p> <p>Novel : Chapters 15-23</p>	<ul style="list-style-type: none"> • Speaking Group Discussion • Listening Videos based on P4 and Unit 6
<p>Test Date</p> <p>(80)</p> <p>26.12.18 onwards</p>	<p>Complete syllabus covered during the session</p>	
<p>Reference Books:</p> <ol style="list-style-type: none"> 1. Essential English Grammar by Raymond Murphy 2. High School English Grammar and Composition (Wren & Martin) 3. English Grammar by W.H. Wason 4. U-like Sample Papers <p>Teaching Aids :</p> <ol style="list-style-type: none"> 1. SLM – extramarks.com 2. Language Lab Activities 3. Learning Lab Sessions 		

Subject : Mathematics		Syllabus: 2018-2019	Class : X
Prescribed Books : 1. Mathematics – Textbook for Class : X (NCERT) 2. Mathematics – Exemplar Problems for Class : X (NCERT)			
TEST/EXAM (M.M.)	DETAILS OF CHAPTERS TO BE COVERED	SUBJECT ENRICHMENT ACTIVITIES	
March - May 15.03.18 to 25.05.18	Chapter 2: Polynomials Chapter 3: Pair of Linear Equations in two variables Chapter 8: Introduction to Trigonometry Chapter 10: Circles Chapter 12: Areas related to Circles	Maths Lab Activities: Activity 1. To obtain the conditions for consistency of a system of linear equations in two variables by graphical method Activity 7 - To verify that the lengths of tangents drawn from an external point are equal Activity 8 - To obtain formula for area of a circle experimentally Activity 9. To verify the sum of areas of three sectors of the same radius formed at the vertices of a triangle is $\frac{\pi r^2}{2}$	
Periodic Test -1 02.07.18 to 22.07.18	Chapter 01: Real Numbers Chapter 15: Probability	Maths Lab Activities: Activity 18. To find the probability of different outcomes in double color card experiment	
Test date: (20) 23.07.18	Syllabus and assignments covered from 02.07.18 till 22.07.18		

<p>Periodic Test -2 $\textcircled{80}$ (Half Yearly) 23.07.18 to 05.09.18</p>	<p>Chapter 06: Triangles Chapter 04: Quadratic Equations Chapter 05: Arithmetic Progressions</p>	<p>Maths Lab Activities: Activity 2 - To verify that given sequence is an Arithmetic Progression Activity 3 - To verify that sum of first n natural no. is $n(n+1)/2$ by graphical method Activity 4 - To verify that sum of first n natural odd no. is n^2 by graphical method Activity 5 - To verify Basic Proportionality theorem Activity 6 - To verify Pythagoras theorem Activity 17 - To Find the Medians of triangle and locate their point of concurrence</p>
<p>Test Dates $\textcircled{80}$ 06.09.18 onwards</p>	<p>Syllabus and assignments covered from 15.03.18 till 05.09.18</p>	
<p>Periodic Test -3 $\textcircled{20}$ 20.09.18 to 18.11.18</p>	<p>Chapter 13: Surface Areas and Volumes Chapter 14: Statistics Chapter 09: Some Applications of Trigonometry Chapter 07: Co-ordinate Geometry</p>	<p>Maths Lab Activities: Activity 10 - To compare curved surface area of two cylinders formed by same rectangular sheet Activity 11 - To compare volume of two cylinders formed by same rectangular sheet Activity 12 - To verify the formula for volume of cylinder Activity 13 - To make a cone and obtain the formula for its curved surface area Activity 14 - To obtain the formula for volume of cone Activity 15 - To obtain the formula for surface area of sphere Activity 16 - To obtain the formula for volume of sphere Activity 19 - To make clinometers and to find height of an object</p>

<p>Test Dates</p> <p>(20)</p> <p>19.11.18</p>	<p>Syllabus and assignments covered from 20.09.18 till 18.11.18</p>	
<p>Mock Test/Pre Board</p> <p>19.11.18 to 25.12.18</p>	<p>Chapter 11: Constructions</p> <p>Revision of complete syllabus covered during the session.</p>	
<p>Test Date</p> <p>(80)</p> <p>26.12.18 onwards</p>	<p>Complete syllabus covered during the session.</p>	
<p>Reference books:</p> <ol style="list-style-type: none"> 1. Mathematics by RD Sharma – X 2. Secondary School Mathematics – X (R S Aggarwal) 3. All in one for class X by Arihant Publications. 		

Subject : Hindi		Syllabus: 2018-2019	Class : X
Prescribed Books :		1. स्पर्श (भाग-2) (NCERT)	2. संचयन (भाग-2) (NCERT)
TEST/EXAM (M.M.)	DETAILS OF CHAPTERS TO BE COVERED	SUBJECT ENRICHMENT ACTIVITIES	
March - May 15.03.18 to 25.05.18	स्पर्श गद्य खंड पाठ-1 बड़े भाई साहब पाठ-2 डायरी का एक पन्ना पाठ-3 तर्तोर-वामीरो कथा पाठ-4 तीसरी कसम के शिल्पकार शैलेन्द्र पद्य खंड पाठ-1 साखी (कबीर) पाठ-2 पद (भीरा) पाठ-3 दोहे (बिहारी) पाठ-4 मनुष्यता संचयन पाठ-1 हरिहर काका व्याकरण- शब्द और पद में अंतर, मुहावरे, शुद्धिकरण, समास, वाक्य-रूपांतरण लेखन- अनुच्छेद-लेखन, औपचारिक पत्र-लेखन, सूचना- लेखन, संवाद- लेखन, विज्ञापन- लेखन पठन- अपठित काव्यांश और गद्यांश	श्रवण (सुनना) <ul style="list-style-type: none"> अध्यापक द्वारा मेरी दिनचर्या में मुहावरों का प्रयोग करते हुए एक अनुच्छेद सुनाया जाएगा, जिसे सुनकर विद्यार्थी उसमें संकलित मुहावरे लिखेंगे । वाचन (बोलना) <ul style="list-style-type: none"> वर्तमान शिक्षा प्रणाली पर आधारित विचाराभिव्यक्ति करेंगे । 	
Periodic Test -1 02.07.18 to 12.08.18	स्पर्श गद्य खंड पाठ-5 गिरगिट पाठ-6 अब कहीं दूसरों के दुख से दुखी होने वाले पद्य खंड पाठ-5 पर्वत प्रदेश में पावस पाठ-6 मधुर-मधुर मेरे दीपक जल	श्रवण (सुनना) <ul style="list-style-type: none"> अध्यापक द्वारा उच्चरित गद्यांश को सुनेंगे तथा संबंधित कार्य पत्रिका करेंगे । वाचन (बोलना) <ul style="list-style-type: none"> कबीर, रहीम या बिहारी द्वारा रचित दोहे सुनाएँगे । 	

	<p>संचयन पाठ-2 सपनों के से दिन व्याकरण-पुनरावृत्ति लेखन- पुनरावृत्ति पठन- पुनरावृत्ति</p>	
<p>Test date: ② 13.08.18</p>	<p>Syllabus and assignments covered from 02.07.18 till 12.08.18</p>	
<p>Periodic Test -2 ⑧ (Half Yearly) 13.08.18 to 05.09.18</p>	<p>संचयन पाठ-3 टोपी शुक्ला व्याकरण-पुनरावृत्ति लेखन- पुनरावृत्ति पठन- पुनरावृत्ति</p>	<p>श्रवण (सुनना)</p> <ul style="list-style-type: none"> • अध्यापक द्वारा उच्चरित कहानी को सुनेंगे तथा संबंधित कार्य-पत्रिका करेंगे । <p>वाचन (बोलना)</p> <ul style="list-style-type: none"> • फ्लैश कार्ड गतिविधि • Extramarks (SLM) <p>ASL (Assessment of Speaking and Listening Skills) as per CBSE guidelines.</p>
<p>Test Dates ⑧ 06.09.18 onwards</p>	<p>Syllabus and assignments covered from 15.03.18 till 05.09.18</p>	

<p>Periodic Test -3 20.09.18 to 09.12.18</p>	<p>स्पर्श गद्य खंड पाठ-7 पतझर में टूटी पत्तियाँ पाठ-8 कारतूस पद्य खंड पाठ-7 तोप पाठ-8 कर चले हम फिदा पाठ-9 आत्मत्राण व्याकरण-पुनरावृत्ति लेखन- पुनरावृत्ति पठन- पुनरावृत्ति</p>	<p>श्रवण (सुनना)</p> <ul style="list-style-type: none"> • Youtube पर प्रेरणात्मक वीडियो सुनेंगे व संबंधित कार्यपत्रिका करेंगे। <p>वाचन (बोलना)</p> <ul style="list-style-type: none"> • कविता वाचन • Extramarks (SLM)
<p>Test Dates (20) 10.12.18</p>	<p>Complete syllabus covered during the session 20.09.18 till 09.12.18</p>	
<p>Mock Test/Pre Board 10.12.18 to 25.12.18</p>	<p>पुनरावृत्ति संपूर्ण पाठ्यक्रम</p>	
<p>Test Date (80) 26.12.18 onwards</p>	<p>Complete syllabus covered during the session.</p>	
<p>Reference books:</p> <ol style="list-style-type: none"> 1. व्याकरण दर्शिका (सरस्वती पब्लिकेशन) 2. व्याकरण प्रवेश (फुल मार्क्स प्रा. लि.) 		

Subject : Science		Syllabus: 2018-2019	Class : X
Prescribed Books :		1. Science, A Textbook for Class – X (NCERT)	2. Science Exemplar Problems for Class X
TEST/EXAM (M.M.)	DETAILS OF CHAPTERS TO BE COVERED	SUBJECT ENRICHMENT ACTIVITIES	
March - May 15.03.18 to 25.05.18	Chapter 1: Chemical Reactions & Equations Chapter 2: Acids, Bases and Salts Chapter 6: Life Processes (Nutrition, Respiration, Transport) Chapter 12: Electricity Chapter 13: Magnetic Effects of Current Chapter 15: Our Environment	Lab Activities: 1) To perform & observe the following reactions & classify them into: (i) Combination Reaction, (ii) Decomposition Reaction, (iii) Displacement Reaction & (iv) Double Displacement Reaction. (a) Action of water on quick lime. (b) Action of heat on ferrous sulphate crystals. (c) Iron Nails kept in copper sulphate solution. (d) Reaction between sodium sulphate & barium chloride solutions. 2) To prepare a temporary mount of leaf peel to show stomata. 3) To show experimentally that CO ₂ is given out during respiration. 4a) To find the pH of following samples by using pH paper/universal indicator. (i) Dilute HCl (ii) Dilute NaOH solution (iii) Dilute ethanoic acid solution (iv) Lemon Juice (v) Water (vi) Dilute sodium Bicarbonate Solution. 4b) To study the properties of acids and bases- HCl and NaOH by their reaction with (i) Litmus solution (blue/red), (ii) Zinc metal & (iii) Solid Sodium Carbonate.	

		<p>5) To study the dependence of current (I) on the potential difference (V) across a resistor & determine its resistance. Also plot a graph between V & I.</p> <p>6a) To determine the equivalent resistance of two resistors when connected in series.</p> <p>6b) To determine the equivalent resistance of two resistors when connected in parallel.</p>
<p>Periodic Test 1</p> <p>02.07.18 to 29.07.18</p>	<p>Chapter 3: Metals & Non Metals Chapter 6: (Contd.) Life Processes (Excretion) Chapter 7: Control & Coordination Chapter 16: Management of Natural Resources</p>	<p>Lab Activities:</p> <p>7) (i) To observe the action of Zn, Fe, Cu and Al metal on the following salt solutions:</p> <p>(a) ZnSO₄ (aq) (b) FeSO₄ (aq) (c) CuSO₄ (aq) (d) Al₂(SO₄)₃ (aq) (ii) Arrange Zn, Fe, Cu and Al metals in the decreasing order of reactivity based on the above result.</p>
<p>Test Dates</p> <p>(20)</p> <p>30.07.18</p>	<p>Syllabus and assignments covered from 02.07.18 till 29.07.18</p>	
<p>Periodic Test -2</p> <p>(80)</p> <p>(Half Yearly)</p> <p>30.07.18 to 05.09.18</p>	<p>Chapter 4: Carbon & its Compounds Chapter 5: Periodic Classifications of Elements Chapter 14: Sources of Energy</p>	<p>8) To study the following properties of acetic acid (ethanoic acid). (i) Odour, (ii) Solubility in water, (iii) Effect of Litmus and (iv) Reaction with Sodium bicarbonate.</p> <p>9) To study comparative cleaning capacity of a sample of soap in soft and hard water.</p>

<p>Test Dates (80) 06.09.18 onwards</p>	<p>Syllabus and assignments covered from 15.03.18 till 05.09.18</p>	
<p>Periodic Test -3 (20) 20.09.18 to 25.11.18</p>	<p>Chapter 10: Light Reflection & Refraction Chapter 11: Human Eye & Colourful World Chapter 8: How do Organisms Reproduce?</p>	<p>Lab Activities: 10) To determine the focal length of: (a) Concave mirror; (b) convex lens by obtaining the image of a distant object. 11) To trace the path of a ray of light passing through a rectangular glass slab for different angles of incidence measure the angle of incidence, angle of refraction, angle of emergence and interpret the result. 12) To trace the path of rays of light through a glass prism. 13) To draw images of an object formed by a convex lens when placed at various positions. 14) To study (i) Binary fission in Amoeba, (ii) Budding in yeast and hydra with the help of prepared slides. 15) To identify the different parts of an embryo of a dicot seed (Pea, Gram or Red Kidney Bean)</p>
<p>Test Dates (20) 26.11.18</p>	<p>Syllabus and assignments covered from 20.09.18 till 25.11.18</p>	
<p>Mock Test/Pre Board 26.11.18 to 25.12.18</p>	<p>Chapter 9: Heredity & Evolution Revision of complete syllabus covered during the session.</p>	

Test Date

80

26.12.18 onwards**Complete syllabus covered during the session.****Reference Books:**

- (a) Super Simplified Science & Technology - S. Dinesh & Company
- (b) Foundation Science Physics for Class - X- H.C. Verma
- (c) Comprehensive Biology - X- A.K. Singh
- (d) Science & Technology Chemistry for Class -X- S.K. Jain
- (e) IGCSE Physics (Second Edition) - Tom Duncan & Heather Kennett
- (f) Cambridge New Edition Chemistry - Richard Horwood.
- (g) Cambridge Biology - Mary Jones & Geoff Jones
- (h) Pradeep's Chemistry, Physics, Biology
- (i) Exemplar problems in Science for Class – X (NCERT)

Subject : Social Science**Syllabus: 2018-2019****Class : X**

Prescribed Books : 1. History: India and the Contemporary World – II (NCERT) 2. Geography: Contemporary India – II (NCERT)
 3. Pol. Sci.: Democratic Politics – II (NCERT) 4. Economics: Understanding Economic Development – II (NCERT)
 5. Disaster Management: Together Towards a Safer India – III (CBSE) 6. Student's Social Science Module /Workbook (R.D.P.S.)

TEST/EXAM (M.M.)	DETAILS OF CHAPTERS TO BE COVERED	SUBJECT ENRICHMENT ACTIVITIES
<p>March - May</p> <p>15.03.18 to 25.05.18</p>	<p>History: Ch-2: Nationalist Movement in Indo China Ch-3: Nationalism in India Geography: Ch-1: Resources and Development Ch-3: Water Resources Political Science: Ch-1: Power Sharing Ch-2: Federalism Ch-3: Democracy and Diversity</p> <p>Economics: Ch-1: Development Ch-2: Sectors of the Indian Economy Ch-3: Money and Credit</p>	<p>Map work History- Indian National Congress Sessions: Calcutta (Sep. 1920) Nagpur (Dec. 1920) Madras (1927) Lahore (1929) 2. Important Centres of Indian National Movement (Non-cooperation and Civil Disobedience Movement) (i) Champaran (Bihar) - Movement of Indigo Planters (ii) Kheda (Gujrat) - Peasant Satyagrah (iii) Ahmedabad (Gujarat) - Cotton Mill Workers Satyagraha (iv) Amritsar (Punjab) - Jallianwala Bagh Incident (v) Chauri Chaura (U.P.) - calling off the Non Cooperation Movement (vi) Dandi (Gujarat) - Civil Disobedience Movement</p> <p>Geography- Chapter 1: Resources and Development Identification only: Major soil Types. Chapter 3: Water Resources Locating and Labelling – Dams: Salal, Bhakra Nangal, Tehri, Rana Pratap Sagar, Sardar Sarovar, Hirakud, Nagarjuna Sagar, Tungabhadra. (along with rivers) Disaster Management Project (Refer to the guidelines of the project)</p>

<p>Periodic Test -1</p> <p>(20)</p> <p>02.07.18 to 05.08.18</p>	<p>History:</p> <p>Ch-6: Work, Life and Leisure</p> <p>Geography:</p> <p>Ch-4: Agriculture</p> <p>Political Science:</p> <p>Ch-4: Gender, Religion and Caste</p> <p>Economics:</p> <p>Ch-4: Globalisation and the Indian Economy</p>	<p>Map work</p> <p>Geography-</p> <p>Chapter 4: Agriculture</p> <p>Identification only</p> <p>(a) Major areas of Rice and Wheat.</p> <p>(b) Largest / Major producer states of Sugarcane; Tea; Coffee; Rubber; Cotton and Jute.</p>
<p>Test date:</p> <p>(20)</p> <p>06.08.18</p>	<p>Syllabus and assignments covered from 02.07.18 till 05.08.18</p>	
<p>Periodic Test -2</p> <p>(80)</p> <p>(Half Yearly)</p> <p>06.08.18 to 05.09.18</p>	<p>Geography:</p> <p>Ch-5: Mineral and Energy Resources</p> <p>Political Science:</p> <p>Ch-6: Political Parties</p>	<p>Map work</p> <p>Geography</p> <p>Chapter: 5 Mineral and Energy Resources.</p> <p>Minerals: (Identification only)</p> <p>(I) Iron ore mines: Mayurbhanj, Durg, Bailadila, Bellary, Kudremukh, (II) Mica mines:; Ajmer, Beawar, Nellore, Gaya, Hazaribagh, (III) Coal mines : Raniganj, Jharia, Bokaro, Talcher, Korba, Singrauli, Singareni, Neyvali, (IV) Oil Fields :Digboi, Naharkatia, Mumbai High, Bassien, Kalol, Ankaleshwar, (V) Bauxite Deposits: The Amarkantak plateau, Maikal hills, The plateau region of Bilaspur- Katni, Orissa Panchpatmali deposits in Koraput district, (VI) Mica deposits: The Chota Nagpur plateau., Koderma Gaya – Hazaribagh belt of Jharkhand, Ajmer, Nellore mica belt 99, Power Plants: (Locating and Labelling only), (a) Thermal : Namrup, Talcher, Singrauli, Harduaganj, Korba, Uran , Ramagundam, Vijaywada, Tuticorin, (b) Nuclear: Narora, Rawat Bhata, Kakrapara, Tarapur Kaiga, Kalpakkam</p>

<p>Test Dates</p> <p>(80)</p> <p>06.09.18 onwards</p>	<p>Syllabus and assignments covered from 15.03.18 till 05.09.18</p>	
<p>Periodic Test - 3</p> <p>(20)</p> <p>20.09.18 to 02.12.18</p>	<p>History</p> <p>Ch-7: Print Culture and the Modern World</p> <p>Geography</p> <p>Ch-6: Manufacturing Industries</p> <p>Ch-7: Lifelines of National Economy</p> <p>Political Science:</p> <p>Ch-7: Outcomes of Democracy</p> <p>Ch-8: Challenges to Democracy</p> <p>Economics:</p> <p>Ch-5: Consumer Rights</p>	<p>Geography</p> <p>Chapter 6: Manufacturing Industries Locating and Labelling Only (1) Cotton Textile Industries: Mumbai, Indore, Ahmedabad, Surat, Kanpur, Coimbatore, Madurai (2) Iron and Steel Plants: Burnpur, Durgapur, Bokaro, Jamshedpur, Raurkela, Bhilai, Vijaynagar, Bhadravati, Vishakhapatnam Salem (3) Software Technology Parks: Mohali, Noida, Jaipur, Gandhinagar, Indore, Mumbai, Pune, Kolkata, Bhubaneswar, Vishakhapatnam, Hyderabad, Bangalore, Mysore, Chennai, Thiruvananthapuram Chapter 7 Lifelines of National Economy. Identification Only: Golden Quadrilateral, North-South Corridor, East-West Corridor. National Highways: NH-1, NH-2, NH-7 Locating and Labelling: Major Ports: Kandla, Mumbai, Jawahar Lal Nehru, Marmagao, New Mangalore, Kochi, Tuticorin, Chennai, Vishakhapatnam, Paradip, Haldia, Kolkata International Airports: Amritsar (Raja Sansi), Delhi (Indira Gandhi International), Mumbai, (Chhatrapati Shivaji), Thiruvananthapuram (Nedimbacherry), Chennai (Meenam Bakkam), Kolkata (Netaji Subhash Chandra Bose), Hyderabad (Rajiv Gandhi)</p>
<p>Test Dates</p> <p>(20)</p> <p>03.12.18</p>	<p>Syllabus and assignments covered from 20.09.18 till 02.12.18</p>	

Mock Test/Pre-Board 03.12.18 to 25.12.18	Revision and Discussion of Sample Papers							
Test Date (80) 26.12.18 onwards	Complete syllabus covered during the session.							
<p>Project Work: 05 Periods(5 Marks)</p> <p>Every student has to compulsorily undertake any one project on the following units / topics.</p> <ol style="list-style-type: none"> 1. Disaster Management (Pertaining to class Xth curriculum of Disaster Management only). OR 2. Popular Struggles and Movements OR 3. Money and Credit <p>The distribution of marks over different aspects relating to Project Work is as follows:</p>								
S.NO.	ASPECTS	MARKS						
1.	Content accuracy and originality	1						
2.	Presentation and creativity	1						
3.	Process of Project Completion : Initiative, cooperativeness, participation and punctuality	1						
4.	Viva or written test for content assimilation	2						
<p>The Project Report should be handwritten by the students themselves and comprise of not more than 15 foolscap pages.</p> <p>Reference books:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">(i) Human and Economic Geography - Leong and Morgan</td> <td style="width: 50%;">(ii) Modern India (1885-1947) - Sumit Sarkar</td> </tr> <tr> <td>(iii) Indian Economy - Dutt and Sundaram</td> <td>(iv) History of World - Jas Grenville</td> </tr> <tr> <td colspan="2">(v) Human Rights, Gender and Environment (Ed.) Dr. Tapan Biswal</td> </tr> </table>			(i) Human and Economic Geography - Leong and Morgan	(ii) Modern India (1885-1947) - Sumit Sarkar	(iii) Indian Economy - Dutt and Sundaram	(iv) History of World - Jas Grenville	(v) Human Rights, Gender and Environment (Ed.) Dr. Tapan Biswal	
(i) Human and Economic Geography - Leong and Morgan	(ii) Modern India (1885-1947) - Sumit Sarkar							
(iii) Indian Economy - Dutt and Sundaram	(iv) History of World - Jas Grenville							
(v) Human Rights, Gender and Environment (Ed.) Dr. Tapan Biswal								

Subject : German		Syllabus: 2018-2019	Class : X
Prescribed Books : <ol style="list-style-type: none"> 1. Wir 3 Lehrbuch (Grundkurs Deutsch für junge Lerner) 2. Wir 3 Arbeitsbuch (Grundkurs Deutsch für junge Lerner) 			
TEST/EXAM (M.M.)	DETAILS OF CHAPTERS TO BE COVERED	SUBJECT ENRICHMENT ACTIVITIES	
March - May 15.03.18 to 25.05.18	Modul 9: Persönlichkeit, Mode, Beziehungen Lektion 1 – 1: Was für ein Typ ist Thomas? Lektion 2: Was soll ich anziehen? Grammatik: Adjektiv als Attribut: - mit bestimmten Artikel - mit unbestimmten Artikel - Nominativ, Akkusativ Fragewort: Was für ein / eine? Texte, Spiele, Lieder: Wer ist das? Spiel mit, Julia beschreibt ihre neue Freundin, Das ist Stefanie, Lied: Hast du den Mann da gesehen? + dass Sätze Fragewort: Welcher, Welche, Welches...? Konjunktiv II: würde + Infinitiv	<ul style="list-style-type: none"> • Speaking To describe a person physically and discuss about his /her personality traits To express one's opinion about Fashion. • Listening Julia beschreibt ihre neue Freundin. Aussprache: Hör gut zu und sprich nach! Wir singen: Hast du den Mann da gesehen? Language Lab for doing book exercises • PPT on Konjunktiv II & Kleidung. & Reading Comprehension www.mein.deutschbuch.de , www.deutsch.lingolia.com 	
Periodic Test -1 02.07.18 to 12.08.18	Lektion 3: Verstehst du dich gut mit deinen Eltern? Grammatik: E-mail schreiben, Dialog schreiben, Feste Präpositionen und Das Relativpronomen (Nominativ, Akkusativ) Der Relativsatz Konjunktiv II: sein, haben	<ul style="list-style-type: none"> • Speaking Role Play: Discussion between parents and child about going out with friends for a movie in the evening. • Listening Ein Gespräch, Intonation. Listening Comprehension www.mein-deutschbuch.de www.deutsch.lingolia.com • PPT on Relativ Sätze/Relativ Pronomen 	

<p>Test date:</p> <p>(80)</p> <p>13.08.18</p>	<p>Syllabus and assignments covered from 02.07.18 till 12.08.18</p>	
<p>Periodic Test -2</p> <p>(80)</p> <p>(Half Yearly)</p> <p>13.08.18 to 05.09.18</p>	<p>Modul 10: Gesellschaft, Umwelt, Medien Lektion 1: Was tust du für die Umwelt? Grammatik: E-mail schreiben, Dialog schreiben, Feste Präpositionen und Partizip Perfekt Konjunktiv II: Modalverben statt ... zu + Infinitive stattdessen Fragen im Nebensatz (Indirekte Fragen)</p>	<ul style="list-style-type: none"> • Speaking Role Play: Discussion between parents and child about going out with friends for a movie in the evening. • Listening Ein Gespräch, Intonation. Listening Comprehension www.mein-deutschbuch.de www.deutsch.lingolia.com • PPT on Relativ Sätze/Relativ Pronomen
<p>Test Dates</p> <p>(80)</p> <p>06.09.18 onwards</p>	<p>Syllabus and assignments covered from 15.03.18 till 05.09.18</p>	
<p>Periodic Test -3</p> <p>20.09.18 to 09.12.18</p>	<p>Lektion 2: Tina engagiert sich für.... Lektion 3: Wie entsteht eine Schülerzeitung? Grammatik: E-mail schreiben, Dialog schreiben, Präpositionen , Verben mit Präteritum Fragen: Für wen? Mit Wem? Usw, Value Based Questions Fragewörter: Womit ? Wofür / Worauf usw Antwort: damit, dafür darauf, Passiv : Präsens, Präteritum, Perfekt Passiv - Aktiv</p>	<ul style="list-style-type: none"> • Speaking To discuss about socially relevant issues • Listening Wie ist es bei Familie Weigel? Hör gut zu und sprich nach! www.mein-deutschbuch.de www.deutsch.lingolia.com • PPT on verben mit feste Präpositionen • Reading Comprehension <p>ASL (Assessment of Speaking and Listening Skills) as per CBSE guidelines.</p>

<p>Test Dates (20) 10.12.18</p>	<p align="center">Syllabus and assignments covered from 20.09.18 till 9.12.18</p>	
<p>Mock Test/Pre Board 10.12.18 to 25.12.18</p>	<p>Wiederholung (Revision through sample papers , Get Ready X and CBSE Exam papers) Modul 9: (Lektion 1, 2 & 3) Modul 10: (Lektion 1, 2 & 3)</p>	<ul style="list-style-type: none"> • Speaking To discuss the contents and layout offer school magazine. To compare the Educational & Political System of Germany & India. • Listening Das Gesprächsthema in der Schule. Interview: Eine Welt ohne Fernsehen- Traum oder Albtraum? Language Lab for doing book exercises Hör gut zu und sprich nach! • PPT on Passiv, Perfekt, Die Zeitschrift • Reading Comprehension
<p>Test Date (80) 26.12.18 onwards</p>	<p align="center">Complete syllabus covered during the session.</p>	
<p>Reference books: Get Ready Deutsch (New), CBSE Sample Papers, Fit In Deutsch 2</p>		

Subject : French		Syllabus: 2018 -2019	Class : X
Prescribed Books : Entre Jeunes X, Cahier d' exercices X			
TEST/EXAM (M.M.)	DETAILS OF CHAPTERS TO BE COVERED	SUBJECT ENRICHMENT ACTIVITIES	
March - May 15.03.18 to 25.05.18	Leçon 1 : Retrouvons nos amis Leçon 2 : Après le bac Leçon 3 : Chercher du travail Leçon 4 : Le plaisir de lire	<ul style="list-style-type: none"> • Speaking Role Play: Discussing future professional plans. A guessing game on professions using hints. • Listening Video on "Se Présenter" and professions • PPT on les proverbes, les pronoms relatifs and les fêtes. 	
Periodic Test -1 02.07.18 to 12.08.18	Leçon 5 : Les médias Leçon 6 : Chacun ses goûts Leçon 7 : En plein forme	<ul style="list-style-type: none"> • Speaking Student will list the healthy habits & bad habits • Listening Short clippings of the French Tv channel "TV 5 Monde" French advertisements • PPT on "Plus-que-Parfait" "Le pronom Y" and "Le pronom EN" 	
Test date: (20) 13.08.18	Syllabus and assignments covered from 02.07.18 till 12.08.18		

<p>Periodic Test -2 (80) (Half Yearly) 13.08.18 to 05.09.18</p>	<p>Leçon 8 : L'environnement</p>	<ul style="list-style-type: none"> • Speaking Group discussion on "Ways of conserving the environment" • Listening Telephonic conversations for "Le discours rapporté" • PPT on the means of transport in France, "Le conditionnel passé" and "L'hypothèse" "Le discours rapporté" <p>ASL (Assessment of Speaking and Listening Skills) as per CBSE guidelines.</p>
<p>Test Dates (80) 06.09.18 onwards</p>	<p>Syllabus and assignments covered from 15.03.18 till 05.09.18</p>	
<p>Periodic Test -3 20.09.18 to 09.12.18</p>	<p>Leçon 9 : Métro, Boulot, Dodo Leçon 10 : Vive la République Leçon 11 : C'est bon le progrès Leçon 12 : Vers un monde interculturel</p>	<ul style="list-style-type: none"> • Speaking Discussion on the cultural diversity of France and India. • Listening Videos of Culture of France. • PPT on "Le participe présent" and "Le gérondif"
<p>Test Dates (20) 10.12.18</p>	<p>Syllabus and assignments covered from 20.09.18 till 09.12.18</p>	
<p>Mock Test/Pre Board 10.12.18 to 25.12.18</p>	<p>Revision and Discussion of Sample Papers</p>	
<p>Test Date (80) 26.12.18 onwards</p>	<p>Complete syllabus covered during the session.</p>	
<p>Reference books: 1. Together with French 2. Get Ready 3. Set Rite</p>		

**Co-Scholastic Activity
Physical Education**
Syllabus: 2018-2019
Class : X

MONTH	PARTICULARS
April'18 & May'18	<ul style="list-style-type: none"> • Tests in Sports • Play in Sports • Practical-AAPHERD Test
July'18 & August'18	<ul style="list-style-type: none"> • Physical Activity and Gender • Stress and Coping • Practical - Athletics: 50 Mts Dash, Throws 342
September'18	Half Yearly Exam
October'18 & November'18	<ul style="list-style-type: none"> • Physical Activity and Quality of Life • Physiological Basis of Physical Education
December'18 & January'19	<ul style="list-style-type: none"> • Psychological Basis of Physical Education • Career Avenues in Physical Education
February'19	<ul style="list-style-type: none"> • Safety and Injuries
March'19	Yearly Exam

Self Defence Training for Girl Students :

Commands - Ray Group, Right Rest - Hands down, Sico Dachi Punch Position - stance- ready up right side right leg with bothhands at waist with punch(close fingers & lock by thumb).

Techniques - Middle Punch, Upper Punch, Lower Punch, Middle Finger's tips attack, Upper finger's tips attack, Lower finger's tips attack, Middle palm thrust, Upper palm thrust, Lower palm thrust, Temple attack, Temple short punch, Front elbow attack, Back elbow attack, Front block, Side block, Lower block, Chin shoggi, Front shoggi (Stomach), Ribs attack, Bus attack-self equipments-as mentioned earlier, Front kick, Side kick, Back kick, Single hand grip, Double hand grip and Attack on sensitive parts by hand & legs

* Available options in sports are **Athletics / Badminton / Basket Ball / Hand Ball / Kho - Kho / Table Tennis / Volley Ball**

Note: Students will be assessed by subject faculty as per grades prescribed by CBSE.

**Co-Scholastic Activity
Health Education**
Syllabus: 2018-2019
Class : X

MONTH	PARTICULARS
April'18 & May'18	<ul style="list-style-type: none"> • Health Hazard • Communicable & Non-communicable Diseases
July'18 & August'18	<ul style="list-style-type: none"> • Primary Healthcare • Importance of International Health • WHO, UNICEF
September'18	Half Yearly Exam
October'18 & November'18	<ul style="list-style-type: none"> • Adolescence Education and Awareness
December'18 & January'19	<ul style="list-style-type: none"> • Health setups
February'19	<ul style="list-style-type: none"> • Awareness of evils associated with promiscuity
March'19	Yearly Exam

Yogic Practices for Health and Harmony: Surya Namaksar, Tadasana, Katichakrasana, Simhasana, Uttana Mandukasana, Kukkutasana, Akarna Dhanusana, Matsyasana, Bhujangasana, Shalabhasana, Dhanurasana, Sarvangasana, Halasana, Shavasana, Kapalabhati, Agnisar, Anuloma – viloma, Bhastrika, Uddiyana , Meditation , Introspection

NOTE: Students will be assessed by subject faculty as per grades prescribed by CBSE.

**Co-Scholastic Area:
Art Education (Dramatics)**
Syllabus: 2018-2019
Class : X

MONTH	Theory	Practical
April'18 & May'18	<ul style="list-style-type: none"> • Speech, Diction, Body Language, characterization. 	<ul style="list-style-type: none"> • Exercises in characterization and speech dialogue delivery.
July'18 & August'18	<ul style="list-style-type: none"> • Understanding social issues. 	<ul style="list-style-type: none"> • Formal performance on stage.
September'18	Half Yearly Exam	
October'18 & November'18	<ul style="list-style-type: none"> • Reading and understanding the stories of various Western authors. 	<ul style="list-style-type: none"> • Performance based on short scenes from classical dramas.
December'18 & January'19	<ul style="list-style-type: none"> • Knowledge about play script and its importance. 	<ul style="list-style-type: none"> • Play writing: unscripted play to be written down in the form of a script to be acted.
February'19	<ul style="list-style-type: none"> • Knowledge of the term: Stage, Stage costumes and Stage movements. 	<ul style="list-style-type: none"> • Stage Craft: Designing of costumes and the movement of character of a given play in drawing form or model form.
March'19	Yearly Exam	

NOTE: Students will be assessed by subject faculty as per grades prescribed by CBSE.

**Co-Scholastic Area:
Art Education (Visual Art)**
Syllabus: 2018-2019
Class : X

MONTH	Theory	Practical
April'18 & May'18	<ul style="list-style-type: none"> Study of lines, strokes and other elements of art by organizing 2-D space with 2-D and 3-D shapes and forms. 	<ul style="list-style-type: none"> Object Study in pencil / colour. Creative agarbatti Stand (3-D): Material required: Shilpkar (white m-seal), acrylic colours (pearl shades), metallic colour, No stich fabric glue, small round terracotta pot, painting brushes, scissors, small steel scale, water container, duster, apron.
July'18 & August'18	<ul style="list-style-type: none"> Study of seals/ sculptures and relief art of various civilization. Concept of perspective, colour and texture and its application in a painting. 	<ul style="list-style-type: none"> Mask Making (3-D): Material required: Shilpkar, acrylic / metallic colour, painting brushes, water container, scissors, No stich fabric glue, duster, apron etc. Sketching from nature and surrounding in poster colour.
September'18	Half Yearly Exam	
October'18 & November'18	<ul style="list-style-type: none"> Study of human anatomy and sketching. Concept of layout and calligraphy: Its importance and usage. 	<ul style="list-style-type: none"> Study of figures in action and various expressions in pencil / colour. Design a book cover: Material required: Ivory sheet, acrylic colours / poster colour, scissors, painting brushes, water container, duster.
December'18 & January'19	<ul style="list-style-type: none"> Concept of Collage/ Mosaic: its types and methods. Painting and its various category with an example of artist and their works. 	<ul style="list-style-type: none"> Collage making/ mosaic on the given theme with coloured papers, colourd printed pictures/ photographs from news papers and magazines. Abstract / Semi Abstract painting in acrylic / poster colour.
February'19	<ul style="list-style-type: none"> Revision 	<ul style="list-style-type: none"> Revision
March'19	Yearly Exam	

NOTE: Students will be assessed by subject faculty as per grades prescribed by CBSE.

**Co-Scholastic Area:
Art Education (Vocal Music)**
Syllabus: 2018-2019
Class : X

MONTH	Theory	Practical
April'18 & May'18	<ul style="list-style-type: none"> Different forms of Indian Music. Community singing. 	<ul style="list-style-type: none"> Tribal Song.
July'18 & August'18	<ul style="list-style-type: none"> Definition of Aroha Avaroha, Laya, Matra, Tal, Avartan, Sam etc. 	<ul style="list-style-type: none"> Folk Song/ Regional song. National Anthem.
September'18	Half Yearly Exam	
October'18 & November'18	<ul style="list-style-type: none"> Rhythm, Tal and thekas- Kaharva, Dadra, Trital 	<ul style="list-style-type: none"> Practice of Annual Day Celebration.
December'18 & January'19	<ul style="list-style-type: none"> Brief description of Raga Characteristics of Raga-Kafi, Bhairav 	<ul style="list-style-type: none"> Devotional song Christmas Carol Related matters of Raga e.g. Sargam, Alap, Taan etc.
February'19	<ul style="list-style-type: none"> Revision 	<ul style="list-style-type: none"> Revision
March' 19	Yearly Exam	

NOTE: Students will be assessed by subject faculty as per grades prescribed by CBSE.

**Co-Scholastic Area:
Art Education (Instrumental Music)**
Syllabus: 2018-2019
Class : X

MONTH	Theory	Practical
April'18 & May'18	<ul style="list-style-type: none"> • Introduction of Tal / Rhythm • Knowledge about at least four musical instruments, the characteristics of the sound (music) they produce. 	<ul style="list-style-type: none"> • Practice of Rhythm, Tal and thekas- Kaharva, Dadra, Trital, Jhaptal. • Tuning and playing of any one of the following instruments: Sitar, Guitar, Violin, Flute, etc.
July'18 & August'18	<ul style="list-style-type: none"> • Knowledge of Aroha, Avaroha, Avartan, Sam, Tali, Khali. 	<ul style="list-style-type: none"> • Prayer Practice • National Song, National Anthem.
September'18	Half Yearly Exam	
October'18 & November'18	<ul style="list-style-type: none"> • Knowledge of Raga. 	<ul style="list-style-type: none"> • Practice of Raga- Kafi, Bhairav. • Practice for Senior Annual Day.
December'18 & January'19	<ul style="list-style-type: none"> • Basic Knowledge of Notation system. 	<ul style="list-style-type: none"> • Practice to play music compositions with notation.
February'19	<ul style="list-style-type: none"> • Knowledge about the main components of at least four musical instruments. 	<ul style="list-style-type: none"> • Identification of quality of sound by different musical instruments.
March' 19	Yearly Exam	

NOTE: Students will be assessed by subject faculty as per grades prescribed by CBSE.

**Co-Scholastic Area:
Art Education (Indian Dance)**
Syllabus: 2018-2019
Class : X

MONTH	Theory	Practical
April'18 & May'18	<ul style="list-style-type: none"> Costume and instruments used in Indian dance emphasizing the distinguish features, region and language. 	<ul style="list-style-type: none"> Warmup: body line improvement as per the Indian dance form.
July'18 & August'18	<ul style="list-style-type: none"> Comparative study between Indian folk and classical dance forms. 	<ul style="list-style-type: none"> Creative presentation based on Indian folk and classical dance techniques.
September'18	Half Yearly Exam	
October'18 & November'18	<ul style="list-style-type: none"> Discussion of different Indian classical dance forms as per the tradition. 	<ul style="list-style-type: none"> Advance practice of Indian Classical Dance – Kathak and its different Gharanas.
December'18 & January'19	<ul style="list-style-type: none"> Discussion of forms of movement and dance through pictures/ videos/documentaries. 	<ul style="list-style-type: none"> Usage of Mudras with explanation.
February'19	<ul style="list-style-type: none"> Life history of famous dancers (Pt. Birju Maharaj ji, Sitaradevi Ji, etc.) 	<ul style="list-style-type: none"> Presentation of classical / semi classical/ folk/creative dance choreography by the students.
March' 19	Yearly Exam	

NOTE: Students will be assessed by subject faculty as per grades prescribed by CBSE.

Co-Scholastic Area: Syllabus: 2018-2019
Art Education (Bharatanatyam & Contemporary Dance)

Class : X

MONTH	Theory	Practical
April'18 & May'18	<ul style="list-style-type: none"> Flexibility, co-ordination, strength and stamina 	<ul style="list-style-type: none"> Basic stretch : Body movement and exercise One Bharatanatyam performance
July'18 & August'18	<ul style="list-style-type: none"> Choreography, Life History of famous dancers Contemporary, Martial Art and Life history 	<ul style="list-style-type: none"> Styling, figuring Beat sense Hasta Mudras
September'18	Half Yearly Exam	
October'18 & November'18	<ul style="list-style-type: none"> Floor work, kicks, roll down, jumps turns 	<ul style="list-style-type: none"> How to improvise nonverbal; body contact movements. Work on techniques of choreography based on social issue. One contemporary performance with floor work. Practice of Senior Annual Day
December'18 & January'19	<ul style="list-style-type: none"> Work on the styling, costume of different classical dances. 	<ul style="list-style-type: none"> Improvise performance One semi-classical item
February'19	<ul style="list-style-type: none"> Revision History / origin of Bharatanatyam Dance, costumes, jewelleries, makeup and instruments accompanying the classical dance form. 	<ul style="list-style-type: none"> Revision One improvised performance See pictures of dances or a film.
March' 19	Yearly Exam	

NOTE: Students will be assessed by subject faculty as per grades prescribed by CBSE.

Year Planner : 2018-2019

Class : X

MONTH	DATE & DAY	DETAILS
March' 18	15.03.2018 (Thursday)	Commencement of the Session
April' 18	11.04.2018 (Wednesday)	Principal's Session
	21.04.2018 (Saturday)	Parent's Workshop : Career Counseling
May' 18	02.05.2018 (Wednesday)	Students' Workshop : Social Networking Ethics
	11.05.2018 (Friday)	Value Education Workshop : Courtesy by X A
June' 18	26.05.2018 (Saturday) to 20.06.2018 (Wednesday)	Summer Break
	21.06.2018 (Thursday) to 29.06.2018 (Friday)	June Test
July' 18	16.07.2018 (Monday) to 20.08.2018 (Monday)	PT 1 Exam
	18.07.2018 (Wednesday)	Students' Workshop : Be Emotional Smart - Managing emotions
	27.07.2018 (Friday)	Value Education Workshop : Discipline by X B
	31.07.2018 (Tuesday)	Educational Visit : Visit to National Agricultural Science Museum
August' 18	03.08.2018 (Friday)	Value Education Workshop : Sharing, Compassion & Empathy by X C
	04.08.2018 (Saturday)	Parent Teacher Meeting
	08.08.2018 (Wednesday)	Value Education Workshop :Fostering balance between Rights and duties by X D
	18.08.2018 (Saturday)	Parent's Workshop :Befriending Your Children
September' 18	06.09.2018 (Thursday) to 19.09.2018 (Wednesday)	PT 2 Exam
	24.09.2018 (Monday)	Self Management
October' 18	06.10.2018 (Saturday)	Parent Teacher Meeting and Book Fair
	13.10.2018 (Saturday)	'Chrysalis', Senior Annual Day & Prize Distribution Ceremony
November' 18	16.11.2018 (Friday)	Senior Sports Day
	14.11.2018 (Wednesday) to 17.12.2018 (Monday)	PT 3 Exam
	28.11.2018 (Wednesday)	Stream selection/Career Awareness
December'18	15.12.2018 (Saturday)	Insync - School Fete
	27.12.2018 (Thursday) to 18.01.2019 (Friday)	Pre Board Examination
January' 19	19.01.2019 (Saturday)	Parent Teacher Meeting and Book Fair
February – March' 19	Board Exams (As per CBSE Schedule)	

Note: 1. Dates Proposed are tentative and subject to change.

2. Dates and details of workshops & Educational Visit will be intimated as per the availability of Venue & Resource Person.

List of Holidays : 2018-2019		Class : X
MONTH	DATE & DAY	DETAILS
April' 18	30th Monday	Buddha Purnima
May - June' 18	26th May till 20th June, 2018	Summer Break
July' 18	-	-
August' 18	15th Wednesday 22nd Wednesday	Independence Day Id-ul-Zuha (Bakrid)
September' 18	3rd Monday 21st Friday	Janamashtami Muharram
October' 18	2nd October, Tuesday 17th Wednesday to 19th Friday 24th Wednesday	Mahatma Gandhi's Birthday Dussehra Break Maharishi Valmiki's Birthday
November' 18	6th Tuesday to 9th Friday 21st Wednesday 23rd Friday	Diwali Break Milad-un-Nabi Guru Nanak's Birthday
December' 18	25th Tuesday	Christmas Day
January '19	14th Monday 26th Saturday	Makar Sankranti Republic Day