

SYLLABUS

2019 - 2020

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
- * Permanently Affiliated & Accredited to CBSE, MHRD, Govt. of India
- * Affiliation No. 2730165



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www.facebook.com/RukminiDeviPublicSchool



www.twitter.com/rdpspp



www.linkedin.com/in/rukmini-devi-public-school-8537a9141/

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."

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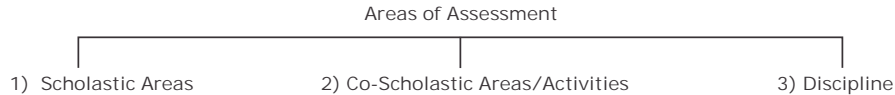
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RUKMINI DEVI PUBLIC SCHOOL
Session: 2019-20 Class: X

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.



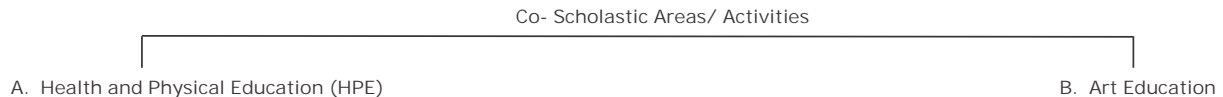
1. **SCHOLASTIC AREAS** : The student will be assessed in 5 academic subjects* namely Language I, Language II, Mathematics, Science and Social Science. Regular classes are provided by the school in the above mentioned academic subjects. Students will be evaluated in all the subjects for their understanding comprehensively through Periodic Tests, Notebook submission, Subject enrichment activities and yearly exam (Details mentioned on Page No. 4 - 6). 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)

*Additional Language: Students may take Hindi Course B 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).

2. CO-SCHOLASTIC AREAS

For robust development of the students, co-curricular activities in HPE and Art 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.



A. Health and Physical Education (HPE) : It is a distinct curricular area integral to health and physical education. In HPE students develop the knowledge, understanding and skills to strengthen resilience personality. 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.

The content of HPE will comprise 4 strands :

1. Games : The importance of sports /games in school encompasses more than just the benefit of physical activity, which increases self-esteem and mental alertness.
2. Health and Fitness : A programme for sensitization of the students towards their responsibility to reduce symptoms of anxiety and depression and improve physical fitness.
3. SEWA : A programme to prepare the students for social and community service that includes environmental, civic responsibilities, democracy etc.
4. Health and Activity Card : An information about physical development of a child.

Health and Physical activity is given regular class five times a week. It will be assessed on 5 point grade scale under the guidance of facilitating teacher on the basis of Table 1.1.

TABLE 1.1
DISTRIBUTION OF MARKS FOR INTERNAL ASSESSMENT

Strand	Periods (Approx.)	Grades*
1. GAMES A) Athletics/ Swimming B) Team Games C) Individual Games/ Activity D) Adventure Sports	90 periods	While filling online data, following grades may be filled against HPE: Class IX-X : Grade (A - E) on 5-point scale (A, B, C, D, E)
2. Health and Fitness	50 periods	
3. SEWA	50 periods	Grades of SEWA is considered against Work Experience Class IX-X : Grade (A - E) on 5-point scale (A, B, C, D, E)
4. Health and Activity Card	10 periods	-
Total	200 Periods (Approx)	

- B Art Education: A student has to choose any one of the following options: Vocal Music, Instrumental Music, Kathak Dance, Bharatnatyam and Contemporary Dance, Dramatics, Visual Art. It will be assessed on 5 point grade scale under the guidance of facilitating teacher.
- 3 Discipline: Discipline significantly impacts career shaping and it helps build 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.

Details of Five-point Grading for Co-scholastic Areas

A	B	C	D	E
Outstanding	Very Good	Good	Fair	Average

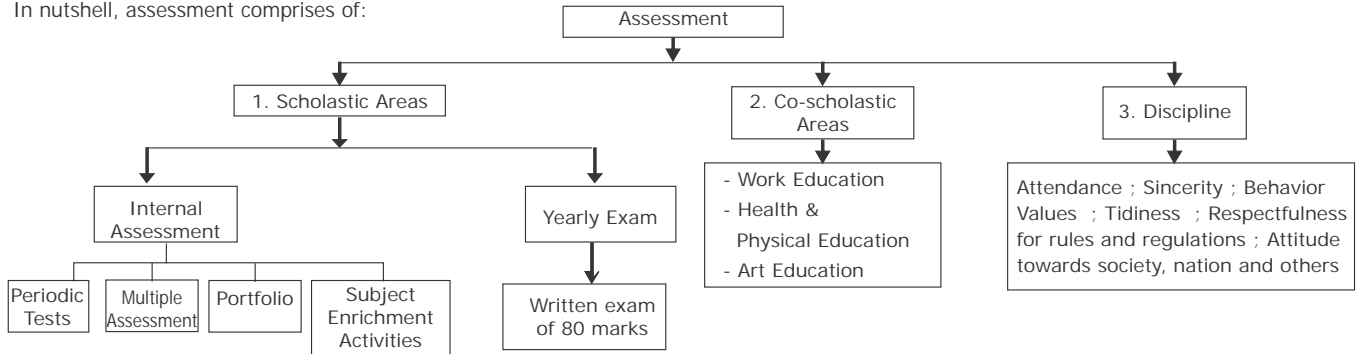
II. EVALUATION AND PROMOTION

The students will be assessed via Periodic tests, Pre-Board-I and Pre-Board - II spread over the complete academic session.

Scholastic Areas

Examination Schedule		Syllabus: 2019-2020		
* PT 1	*PT 2	*PT 3	*Pre-Board - I	*Pre-Board - II
20.06.2019 to 28.06.2019	07.09.2019 to 16.09.2019	11.11.2019 to 20.11.2019	06.12.2019 to 19.12.2019	03.01.2020 to 16.01.2020
Date sheet will be provided a month in advance.		* M.M. : 80	Duration : 3 hrs.	

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 05) + Multiple Assessment (05)* + Portfolio (05)** + Assessment of Subject Enrichment activities for the complete session (05)***

*Multiple Assessment (5 marks) : May include Oral Test, Group Work, Class Discussion, Field Work, Concept Maps, Graphic Organiser, Visual Representation etc.

**Assessing Portfolio (5 Marks): Organisation, Completion of guided work, Evidence of Student's growth, Inclusion of all relevant work.

***Subject Enrichment Details (5 Marks):

Subject	Enrichment Activity
English	Assessment of Speaking and Listening Skills
Hindi/French/German/Spanish	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 and CBSE Circular No. Acad 11/2019).

- 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 / Pre Board Exam 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. If a student fails to appear for a test (whatever grounds), he / she would have to pay Rs. 1000/- 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 catered accordingly.

Subject : English

Syllabus: 2019-2020

Class : X

Prescribed Books : 1. First Flight - Text Book (X)
2. Footprints without Feet – X Supplementary Reader in English (SR : Supplementary Reader)



TEST/EXAM	DURATION	DETAILS OF CHAPTERS TO BE COVERED	Use of ICT	Use of Labs
PT-1 <u>80</u>	14.03.19 to 24.05.19	<p>Prose: F1: A Letter to God F2: Nelson Mandela : Long Walk to Freedom F3: Two Stories about Flying I - His First Flight II - Black Aeroplane F4: From the Diary of Anne Frank</p> <p>Poem P1: Dust of Snow P2: Fire and Ice P3: A Tiger in the Zoo P4: How to Tell Wild Animals P5 : The Ball Poem</p> <p>SR 1 : A Triumph of Surgery 2 : The Thief's Story 3 : The Midnight Visitor</p> <p>Grammar : Determiners, Tenses, Subject Verb Agreement, Connectors</p> <p>Writing Skills: Formal Letter (Letter to the Editor and Letter of Enquiry)</p>	<p>1.Video on Nelson Mandela: https://www.youtube.com/watch?v=6S-OFEvRZFc https://www.youtube.com/watch?v=PDS_BBVfuYQ</p> <p>2.Power point presentation on :</p> <ul style="list-style-type: none"> • A Letter to God • Determiners • Tenses • Subject Verb Agreement • Formal Letter (Letter to the Editor, Letter of Enquiry) <p>2. Video on Anne Frank's Life: https://www.youtube.com/watch?v=ond6r5pafjw</p>	<ul style="list-style-type: none"> • Speak your Mind (Debate) • Just A Minute • Learning Lab • Group Quiz (Integrated Grammar Practice) • Self Learning Session on Tenses and Subject Verb Agreement

Test Dates	20.06.19 to 28.06.19	Syllabus Covered from 14.03.19 to 24.05.19		
PT-2 (80)	01.07.19 to 06.09.19	Prose: F5: The Hundred Dresses - I F6: The Hundred Dresses - II F7: Glimpses of India I - A Baker From Goa II - Coorg III - Tea from Assam F11: The Proposal (Play) Poem P6: Amanda P7: Animals P8: The Trees SR 4 : A Question of Trust 5 : Footprints without Feet 6 : The Making of Scientist 7 : The Necklace Grammar : Preposition, Reported Speech Writing Skills: Formal letter (Letter of Order and Complaint), Story Writing	1. Glimpses of India https://www.youtube.com/watch?v=LIynOot-Cn8 2. Powerpoint presentation on : Reported Speech, Formal Letter (Letter of Order and Complaint)	<ul style="list-style-type: none"> • Language Lab • Group Discussion • Weaving a Yarn • Role Play • Learning Lab • Group Quiz (Integrated Grammar Practice) • Self Learning Session on Preposition and Reported Speech
Test Dates	07.09.19 to 16.09.19	Syllabus Covered from 14.03.19 to 06.09.19		
PT-3 (80)	17.09.19 to 10.11.19	Prose: F8: Mijbil the Otter F9: Madam Rides the Bus F10: The Sermon at Benares Poem P9: Fog	1. Short video: Madam Rides the Bus: https://www.youtube.com/watch?v=1BxkJ11ORY 2. Power point Presentation on : Modals-Expressing Attitudes Active and Passive Voice	

		P10: The Tale of Custard the Dragon P11: For Anne Gregory SR 8 : The Hack Driver 9 : Bholi 10 : The Book That Saved the Earth Grammar : Modals-Expressing Attitudes, Active and Passive Voice Writing Skills: Revision of Formal Letter (Letter to the Editor, Letter of Order / Complaint / Enquiry)		<ul style="list-style-type: none"> • Language Lab • In the Hot Seat • Spell-O-Check • Learning Lab • Group Quiz (Integrated Grammar Practice) • Self Learning Session on Active and Passive Voice
Test Dates	11.11.19 to 20.11.19	Syllabus Covered from 14.03.19 to 10.11.19		
Pre Board 1 80	21.11.19 to 05.12.19	Revision of complete syllabus covered during the session.		
Test Dates	06.12.19 to 19.12.19	Syllabus Covered from 14.03.19 to 05.12.19		
Pre Board 2 80	20.12.19 to 31.12.19	Revision of complete syllabus covered during the session.		
Test Dates	03.01.20 to 16.01.20	Syllabus Covered from 14.03.19 to 02.01.20		
Reference books: 1. U-like Sample Papers (Language and Literature) 2. English Grammar by W.H. Wason				

Subject : Mathematics		Syllabus: 2019-2020		Class : X	
Prescribed Books: 1. Mathematics – Textbook for Class : X (NCERT) 2. Mathematics – Exemplar Problems for Class : X (NCERT)					
TEST/EXAM	DURATION	DETAILS OF CHAPTERS TO BE COVERED	Use of ICT	Use of Labs	
PT-1 <u>80</u>	14.03.19 to 24.05.19	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	CAT:Extramarks.com (SLM) Videos / PPT Chapter 2: Polynomials Web link(Reference) http://www.learnnext.com/lesson/CBSE-X-Maths-Geometrical-Meaning-of-Zero-of-Polynomials.htm http://www.learnnext.com/lesson/CBSE-X-Maths-Relationship-between-zeros.htm (Reference for division Algorithm) http://www.youtube.com/watch?v=FsoT1B0Usvw http://www.sosmath.com/algebra/factor/fac01/fac01.html Chapter 3: Pair of Linear Equations in two variables Extra reading: (Reference) Graphing linear equations in two variables http://www.tpub.com/math1/13.htm http://www.purplemath.com/modules/graphlin.htm Video: (Reference) http://www.youtube.com/watch?v=-Hut9QnQIF8&NR=1&featur e=fvwp (for revision of plotting points in a Cartesian plane) Graphing linear equations in two variables http://www.youtube.com/watch?v=jpVrLZdIuW0 http://www.mathexpression.com/graphing.html http://www.learnnext.com/lesson/CBSE-X-Maths-Algebraic-Methods-of-Solving-a-Pair-of-LINEAR-Equations.htm Extra reading	3 D Labs Chapter 8: Introduction to Trigonometry · Introduction to Trigonometric Ratios · Definition of Sine and Cosine Ratios Chapter 10: Circles · Common Tangents to Two Circles Chapter 12: Areas related to Circles · Definition of Pi (π) · Area and The Perimeter of a Sector 0 labs Chapter 3: Pair of Linear Equations in two variables 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	

			<p>http://www.mathguide.com/lessons/Systems.html Video: http://www.youtube.com/watch?v=cwHR_B9zK7k&feature=related</p> <p>Chapter 8: Introduction to Trigonometry Web link(Reference) http://www.learnnext.com/lesson/CBSE-X-Maths-Trigonometric-Ratios-and-Angles.htm ICT: (Reference) http://www.youtube.com/watch?v=zxvfu6zXCbg</p> <p>Chapter 10: Circles Web link(Reference) http://www.slideshare.net/rashkath/basic-terms-of-circles</p> <p>Chapter 12: Areas related to Circles Web link(Reference) https://www.khanacademy.org/math/in-in-grade-10-ncert/in-in-chapter-12-area-related-to-circles</p>	<p>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</p> $\frac{\pi r^2}{2}$
Test Dates	20.06.19 to 28.06.19	Syllabus Covered from 14.03.19 to 24.05.19		
PT-2 <u>80</u>	01.07.19 to 06.09.19	<p>Chapter 01: Real Numbers</p> <p>Chapter 15: Probability</p> <p>Chapter 06: Triangles</p> <p>Chapter 04: Quadratic Equations</p>	<p>ICT: CAT: Extramarks.com (SLM) Videos / PPT</p>	<p>3 D Labs</p> <p>Chapter 06: Triangles</p> <ul style="list-style-type: none"> · Similar Triangles · Similarity · Similarity in Right Triangles (Corollaries) · Converse of Pythagoras Theorem

		<p>Chapter 05: Arithmetic Progressions</p>	<p>Chapter 01: Real Numbers Web link(Reference) http://www.learnnext.com/lesson/CBSE-X-Maths-Euclid-Division-Lemma.htm http://www.learnnext.com/lesson/CBSE-X-Maths-Fundamental-Theorem-of-Arithmetic.htm</p> <p>Chapter 15: Probability Web link(Reference) http://www.learnnext.com/lesson/CBSE-X-Maths-Probability-Theoretical-Approach.htm</p> <p>Chapter 06: Triangles Web link(Reference) www.youtube.com/watch?v=edtFK_7uVIQ http://www.learnnext.com/lesson/CBSE-X-Maths-Areas-of-Similar-Triangles.htm</p> <p>Chapter 04: Quadratic Equations Web link(Reference) http://www.learnnext.com/lesson/CBSE-X-Maths-Quadratic-Equations.htm</p> <p>Chapter 05: Arithmetic Progressions Web link(Reference) http://www.learnnext.com/nextgurukul/wiki/concept/CBSE/X/Maths/General-Term.htm http://www.learnnext.com/nextgurukul/wiki/concept/CBSE/X/Maths/Sum-of-n-Terms.htm</p>	<p>Chapter 04: Quadratic Equations</p> <ul style="list-style-type: none"> Quadratic Functions Roots of a Quadratic Equation: Illustration Quadratic Polynomial: Completing the Square $(a + b)^2$ Quadratic Polynomial: Completing the Square $(a - b)^2$ Roots and Discriminant <p>Chapter 05: Arithmetic Progressions</p> <ul style="list-style-type: none"> Arithmetic Progression General Term of an Arithmetic Progression Sum of the First 'n' Terms of an Arithmetic Progression <p>Chapter 15: Probability</p> <ul style="list-style-type: none"> Introduction to Probability <p>O labs</p> <p>Chapter 01: Real Numbers</p>  <p>Least common multiple</p> <p>Chapter 06: Triangles</p> <p>Chapter 05: Arithmetic Progressions</p> 
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			<p>Methods-of-Solving-a-Pair-of-LINEAR-Equations.htm Extra reading http://www.mathguide.com/lessons/Systems.html Video: http://www.youtube.com/watch?v=cwHR_B9zK7k&feature=related Chapter 8: Introduction to Trigonometry Web link(Reference) http://www.learnnext.com/lesson/CBSE-X-Maths-Trigonometric-Ratios-and-Angles.htm ICT:(Reference) http://www.youtube.com/watch?v=zxvfu6zXCbg Chapter 10: Circles Web link(Reference) http://www.slideshare.net/rashkath/basic-terms-of-circles</p> <p>Chapter 12: Areas related to Circles Web link(Reference) https://www.khanacademy.org/math/in-in-grade-10-ncert/in-in-chapter-12-area-related-to-circles</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 Activity 18. To find the probability of different outcomes in double color card experiment</p>
Test Dates	07.09.19 to 16.09.19	Syllabus Covered from 14.03.19 to 06.09.19		
PT-3 <u>80</u>	17.09.19 to 10.11.19	<p>Chapter 13: Surface Areas and Volumes Chapter 14: Statistics Chapter 09: Some Applications of Trigonometry Chapter 07: Co-ordinate Geometry</p>	<p>ICT: CAT: Extramarks.com (SLM) Videos / PPT Chapter 13: Surface Areas and Volumes Web link(Reference) http://www.learnnext.com/lesson/CBSE-X-Maths-Conversion-of-Solid-from-One-Shape-to-Another.htm Chapter 14: Statistics Web link(Reference)</p>	<p>3 D Labs Chapter 13: Surface Areas and Volumes · Surface Area of Composite Objects: Rectangular Prism and Triangular Prism · Surface Area of Composite Objects:</p>

			<p>http://www.learnnext.com/lesson/CBSE-X-Maths-Graphical-Representation-of-Cumulative-Frequency-Distribution.htm</p> <p>Chapter 09: Some Applications of Trigonometry</p> <p>Web link(Reference))</p> <p>http://www.learnnext.com/lesson/CBSE-X-Maths-Heights-and-Distances.htm</p> <p>Chapter 07: Co-ordinate Geometry</p> <p>Web link(Reference)</p> <p>http://www.learnnext.com/lesson/CBSE-X-Maths-Distance-Formula.htm</p> <p>http://www.learnnext.com/lesson/CBSE-X-Maths-Area-of-Triangle.htm</p>	<ul style="list-style-type: none"> · Prism and Pyramid · Surface Area of Composite Objects: Hemisphere and Cone · Surface Area of a Hollow Object: Cylinder · Volume of Composite Objects: Cylinder and Hemisphere · Volume of Composite Objects: Cylinder, Cone, and Hemisphere · Volume of Composite Objects: Rectangular Prism and Triangular Prism · Volume of Composite Objects: Hemisphere and Cone · Volume of Hollow objects: Cylinder and Sphere · Volume of a Frustum · Volume · Volume of a Cylinder · Volume of a Cone · Practical Application of Mensuration Chapter 07: Co-ordinate Geometry · Derivation of Distance Formula 2-D · Translation Translation of Axes
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				<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>11.11.19 to 20.11.19</p>	<p>Syllabus Covered from 14.03.19 to 10.11.19</p>		

Pre Board 1 (80)	21.11.19 to 05.12.19	Chapter 11: Constructions Revision of complete syllabus covered during the session.	ICT: CAT: Extramarks.com (SLM) Videos / PPT Chapter 11: Constructions Web link(Reference) www.youtube.com/watch?v=xGHAYvdxIWQ https://www.youtube.com/watch?v=-LThYisGipE	3 D Lab · Dividing a Line segment into a Given Ratio (Externally) · Dividing a Line segment into a Given Ratio (Internally) · Direct Common Tangent · Tangents through an external point · Indirect or Transverse Common tangent · Tangents to a Circle from a Point Exterior to the Circle
Test Dates	06.12.19 to 19.12.19	Syllabus Covered from 14.03.19 to 05.12.19		
Pre Board 2 (80)	20.12.19 to 31.12.19	Revision of complete syllabus covered during the session.		
Test Dates	03.01.20 to 16.01.20	Syllabus Covered from 14.03.19 to 02.01.20		
Reference books: 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: 2019-2020		Class : X			
Prescribed Books :		1- Li 'kz x [kM i kB&1 cMs Hkbsz l kgc i kB&2 Mk; jh dk , d i lluk lk [kM i kB&1 l k [kh %dchj½ i kB&2 in %ehj k½ l p; u i kB&1 gfjgj dkd 0; kdj .k& "kn vlg in eavrj] egkoj½ "kf) dj .k] l ekl] okD; &fopkj ys[ku& vu@Nn&ys[ku] i=&ys[ku] l puk& ys[ku] l okn& ys[ku] fokki u& ys[ku		2. l p; u %kx&2½ (NCERT)			
TEST/EXAM	DURATION	DETAILS OF CHAPTERS TO BE COVERED	Use of ICT	Use of Labs			
PT-1 (80)	14.03.19 to 24.05.19		Li 'kz x [kM i kB&1] 2 Extramarks.com lk [kM i kB&1] 2 Extramarks.com l p; u i kB&1 Extramarks.com 0; kdj .k& Extramarks.com ys[ku& Extramarks.com	Hk"kk i z; ksx' kkyk & l okn&ys[ku			
Test Dates	20.06.19 to 28.06.19	Syllabus Covered from 14.03.19 to 24.05.19					
PT-2 (80)	01.07.19 to 06.09.19	Li 'kz x [kM i kB&3 rrrkj&okehjs dFkk i kB&6 vc dgl; nll jha ds nqk l s nqk gkus okys lk [kM i kB&3 nks %fcgkj h½ i kB&4 euq; rk i kB&5 ioF insk ea i kol i kB&7 rki l p; u i kB&2 l i uka ds l sfnu	Li 'kz x [kM i kB&3] 6 Extramarks.com lk [kM i kB&3] 4] 5] 7 Extramarks.com l p; u i kB&2 Extramarks.com 0; kdj .k& i qjkoFuk ys[ku& i qjkoFuk	Hk"kk i z; ksx' kkyk & dfork&okpu			

Test Dates	07.09.19 to 16.09.19	Syllabus Covered from 14.03.19 to 06.09.19		
PT-3 (80)	17.09.19 to 10.11.19	Li 'kz x [kM i kB&7 ir>j ea VW/h i fRr; k; i kB&8 dkj rñ lk [kM i kB&8 dj pysge fQnk i kB&9 vkRe=k.k l p; u i kB&3 Vki h 'kðyk 0; kdj .k& i qj kofÙk ys[ku& i qj kofÙk	Li 'kz x [kM i kB&7] 8 Extramarks.com lk [kM i kB&8] 9 Extramarks.com l p; u i kB&3 Extramarks.com 0; kdj .k& Extramarks.com ys[ku& Extramarks.com	Hkk"kk i z; ksx' kkyk & vk" kq Hkk" k. k
Test Dates	11.11.19 to 20.11.19	Syllabus Covered from 14.03.19 to 10.11.19		
Pre Board 1 (80)	21.11.19 to 05.12.19	lkqj kofÙk l á wk i kB; Øe		
Test Dates	06.12.19 to 19.12.19	Syllabus Covered from 14.03.19 to 05.12.19		
Pre Board 2 (80)	20.12.19 to 31.12.19	lkqj kofÙk l á wk i kB; Øe		
Test Dates	03.01.20 to 16.01.20	Syllabus Covered from 14.03.19 to 02.01.20		
Reference books:				
1. 0; kdj .k nf"kd k ¼ j Lorh i fcydskul½ 2. 0; kdj .k i nsk' WQy ekDI z ik- fy-½				
uksv/ & xg dk; z \$ d{kk dk; z & 5 vad} ekf[kd o fyf[kr vfHk; fDr dks ky & 5 vad				

Subject : Science

Syllabus: 2019-2020

Class : X

Prescribed Books : 1. Science, A Textbook for Class – X (NCERT)

2. Science Exemplar Problems for Class X

TEST/EXAM	DURATION	DETAILS OF CHAPTERS TO BE COVERED	Use of ICT	Use of Labs
PT-1 <u>80</u>	14.03.19 to 24.05.19	Chapter 1: Chemical Reactions & Equations Chapter 2: Acids, Bases and Salts Chapter 12: Electricity Chapter 13: Magnetic Effects of Electric Current Chapter 6: Life Processes (Nutrition, Respiration, Transport) Chapter 15: Our Environment	From Extramarks and 3-D Lab: Ch1- Chemical equations and their balancing, types of chemical reactions. Ch2- pH and its importance in everyday life, chemical properties of acids and bases, classification of salts and some important salts. Ch3- Photosynthesis in plants; physiology of digestion, respiration and circulation in humans; transpiration and translocation in plants. Ch12- Electric circuit, Ohm's law, combination of resistors, heating effect of current, electric power. Ch13- Magnetic field and field lines, magnetic field due to current carrying conductor, force on current carrying conductor in magnetic field, electric motor, electromagnetic induction, electric generator, domestic circuit. Ch15- Ecosystem and energy flow, food chains and webs, ozone depletion, waste management.	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 Hydrogen Carbonate Solution. 4b) To study the properties of acids and bases- HCl and NaOH by their reaction with (i) Litmus solution (blue/red), (ii)

				<p>Zinc metal & (iii) Solid Sodium Carbonate.</p> <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>
Test Dates	20.06.19 to 28.06.19	Syllabus Covered from 14.03.19 to 24.05.19		
PT-2 (80)	01.07.19 to 06.09.19	<p>Chapter 3: Metals & Non Metals</p> <p>Chapter 6: (Contd.) Life Processes (Excretion)</p> <p>Chapter 7: Control & Coordination</p> <p>Chapter 4: Carbon & its Compounds</p> <p>Chapter 5: Periodic Classifications of Elements</p> <p>Chapter 8: How do Organisms Reproduce?</p>	<p>From Extramarks and 3-D Lab:</p> <p>Ch3- Physical and chemical properties of metals and non-metals, reactivity series of metals, ionic compounds, metallurgy, corrosion, alloys.</p> <p>Ch6- Excretory system, nephron (structure and function), urine formation, haemodialysis.</p> <p>Ch7- Hormone mediated responses to stimuli in plants, nervous system in animals, reflex actions, endocrine system in humans and endocrine disorders.</p> <p>Ch4- Covalent bonding, types of carbon compounds, homologous series, isomerism, properties of ethanol and ethanoic acid, cleansing action of soaps and detergents.</p> <p>Ch5- Early attempts at classification of elements, trends in Modern Periodic Table.</p> <p>Ch8- Asexual reproduction methods, sexual</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) $ZnSO_4$ (aq)</p> <p>(b) $FeSO_4$ (aq)</p> <p>(c) $CuSO_4$ (aq)</p> <p>(d) $Al_2(SO_4)_3$ (aq)</p> <p>(ii) Arrange Zn, Fe, Cu and Al metals in the decreasing order of reactivity based on the above result.</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>10) To study (i) Binary fission in Amoeba, (ii) Budding in yeast and hydra with the help of prepared slides.</p>

			reproduction in flowering plants, human male and female reproductive systems, placenta and embryonic development, contraceptive methods.	11) To identify the different parts of an embryo of a dicot seed (Pea, Gram or Red Kidney Bean)
Test Dates	07.09.19 to 16.09.19	Syllabus Covered from 14.03.19 to 06.09.19		
PT-3 (80)	17.09.19 to 10.11.19	Chapter 10: Light Reflection & Refraction Chapter 11: Human Eye & Colourful World Chapter 14: Sources of Energy Chapter 16: Management of Natural Resources	From Extramarks and 3-D Lab: Ch10- Image formation by spherical mirrors, refraction of light, image formation by spherical lenses. Ch11- Human eye (parts and their functions), defects of vision and their correction, dispersion of white light by prism, atmospheric refraction and scattering of light. Ch14- Conventional and non-conventional sources of energy. Ch16- Sustainable forest management, dams and water harvesting, disadvantages of using fossil fuels.	Lab Activities: 12) To determine the focal length of: (a) Concave mirror; (b) convex lens by obtaining the image of a distant object. 13) 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. 14) To trace the path of rays of light through a glass prism. 15) To draw images of an object formed by a convex lens when placed at various positions.
Test Dates	11.11.19 to 20.11.19	Syllabus Covered from 14.03.19 to 10.11.19		
Pre Board 1 (80)	21.11.19 to 05.12.19	Chapter 9: Heredity & Evolution Revision of complete syllabus covered during the session.	From Extramarks and 3-D Lab: Ch9- Principles of inheritance, sex determination, factors that cause evolution, speciation, tracing evolutionary relationships.	
Test Dates	06.12.19 to 19.12.19	Syllabus Covered from 14.03.19 to 05.12.19		

Pre Board 2 (80)	20.12.19 to 31.12.19	Revision of complete syllabus covered during the session.		
Test Dates	03.01.20 to 16.01.20	Syllabus Covered from 14.03.19 to 02.01.20		

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: 2019-2020		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. Map Book					
TEST/EXAM	DURATION	DETAILS OF CHAPTERS TO BE COVERED	Use of ICT	Use of Labs	
PT-1 (80)	14.03.19 to 24.05.19	History: Ch-3: Nationalism in India Geography: Ch-1: Resources and Development Ch-2: Forest and Wild Life* Ch-3: Water Resources* Political Science: Ch-1: Power Sharing Ch-2: Federalism Economics: Ch-1: Development Ch-2: Sectors of the Indian Economy Ch-3: Money and Credit	ICT: CAT: Ch2(History) https://www.youtube.com/watch?v=fWB0BvfqmkM Ch3 (History) https://www.youtube.com/watch?v=Q7JL3pcsrQo Geog Ch1- https://www.youtube.com/watch?v=xnBxvgM0iKk Ch 3- https://www.youtube.com/watch?v=T1ecAv9pK-I Pol Sc. Ch1- https://www.youtube.com/watch?v=tZr06ceO1jg Ch2- https://www.youtube.com/watch?v=epfECG0XA-g Eco Ch1 https://www.youtube.com/watch?v=NUXU18XVRSa Ch2 https://www.youtube.com/watch?v=IKnj7nulyz4 Ch 3- https://www.youtube.com/watch?v=820sCSdOno8 https://www.youtube.com/watch?v=9222CU5SZ8Y Extramarks.com (SLM) Videos / PPT for all the chapters CAL: Learning Lab (Self learning Session on Extramarks.com)	Use of Learning Lab	
Test Dates	20.06.19 to 28.06.19	Syllabus Covered from 14.03.19 to 24.05.19			
PT-2 (80)	01.07.19 to 06.09.19	History: Ch-1: The Rise of Nationalism in Europe Ch-4: The Making of a Global World Geography: Ch-4: Agriculture	ICT: CAT: History-Ch-6 https://www.youtube.com/watch?v=gvxORhN7TME Geog -Ch4- https://www.youtube.com/watch?v=biG41rsU384 Ch 5- https://www.youtube.com/watch?v=lqZbU7kLJA	Use of Learning Lab	

		<p>Political Science:</p> <p>Ch-3: Democracy and Diversity*</p> <p>Ch-4: Gender, Religion and Caste</p> <p>Ch-5: Popular Struggles and Movements*</p> <p>Ch-6: Political Parties</p> <p>Economics:</p> <p>Ch-4: Globalisation and the Indian Economy</p>	<p>Pol sc.</p> <p>CH3- https://www.youtube.com/watch?v=lu7j_EXJ84k</p> <p>Ch4- https://www.youtube.com/watch?v=WcYBeMaOLmU</p> <p>https://www.youtube.com/watch?v=ISnVPbwG5Wo</p> <p>https://www.youtube.com/watch?v=13Yg7YKlyhE</p> <p>Ch6</p> <p>https://www.youtube.com/watch?v=pQYnn4VDB9g</p> <p>https://www.youtube.com/watch?v=zRlXMMlF0Eg</p> <p>https://www.youtube.com/watch?v=TumGR91gtyQ</p> <p>Eco</p> <p>Ch4</p> <p>https://www.youtube.com/watch?v=JJOndFD19eT8</p> <p>Extramarks.com (SLM) Videos / PPT for all the chapters</p> <p>CAL: Learning Lab (Self learning Session on Extramarks.com)</p>	
Test Dates	07.09.19 to 16.09.19	Syllabus Covered from 14.03.19 to 06.09.19		
PT-3 (80)	17.09.19 to 10.11.19	<p>History</p> <p>Ch-7: Print Culture and the Modern World</p> <p>Geography</p> <p>Ch-5: Mineral and Energy Resources</p> <p>Ch-6: Manufacturing Industries</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 (Project work only)</p>	<p>Ch-7 History</p> <p>https://www.youtube.com/watch?v=JJOndFD19eT8</p> <p>Ch 6 geography</p> <p>https://www.youtube.com/watch?v=SWHYGUbO3rg</p> <p>Pol sc</p> <p>Ch 7 https://www.youtube.com/watch?v=wsYUwgXiQOw</p> <p>Ch8</p> <p>https://www.youtube.com/watch?v=XtX7msjV9oY</p> <p>Eco</p> <p>Ch5</p> <p>https://www.youtube.com/watch?v=-T3vWwQEPL4</p> <p>Extramarks.com for all the chapters</p> <p>CAL: Learning Lab (Self learning Session on Extramarks.com)</p>	Use of Learning Lab
Test Dates	11.11.19 to 20.11.19	Syllabus Covered from 14.03.19 to 10.11.19		

Pre Board 1 (80)	21.11.19 to 05.12.19	Geography Ch-7: Lifelines of National Economy	CAT: Geog Ch 7 Ports- https://www.youtube.com/watch?v=-1uwSfa316U https://www.youtube.com/watch?v=BrEEcqFhc40 Extramarks.com (SLM) Videos / PPT CAL: Learning Lab (Self learning Session on Extramarks.com)	Use of Learning Lab
Test Dates	06.12.19 to 19.12.19	Syllabus Covered from 14.03.19 to 05.12.19		
Pre Board 2 (80)	20.12.19 to 31.12.19	Revision of complete syllabus covered during the session.		
Test Dates	03.01.20 to 16.01.20	Syllabus Covered from 14.03.19 to 02.01.20		

* To be assessed in the Periodic Test only and will not be evaluated in the Board Examination.

Project Work: 05 Periods(5 Marks)

Every student has to compulsorily undertake any one project on the following units / topics.

1. Consumer Awareness
OR
2. Social Issues
OR
3. Sustainable Development

The distribution of marks over different aspects relating to Project Work is as follows:

S.NO.	ASPECTS	MARKS
1.	Content accuracy, originality and analysis.	2
2.	Presentation and creativity	2
3.	Viva or written test for content assimilation	1

The Project Report should be handwritten by the students themselves

Reference books:

- | | |
|---|--|
| (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: 2019-2020		Class : X	
Prescribed Books : Beste Freunde B1.1 Deutsch für Jugendliche Kursbuch und Arbeitsbuch					
TEST/EXAM	DURATION	DETAILS OF CHAPTERS TO BE COVERED	Use of ICT	Use of Labs	
PT-1 <u>80</u>	14.03.19 to 24.05.19	Lektion 1: Magst du grüne Bohnen? – Essen Grammatik: Indirekte Frage mit 'ob' Nullartikel+ Adjektiv im Nominativ und Akkusativ Lektion 2: Die App, die den Dieb findet – Medien Grammatik: Präteritum, lokale Präpositionen – um, über+ Akkusativ - Gegenüber + Dativ Relativsatz: Relativpronomen mit Präposition Adjektive: Komparativ und Superlativ	PPT on the topic: Vorteile und Nachteile angeben Eine Präsentation beenden Activity: a) sich bei den Zuhörern bedanken b) über Ereignisse berichten, nach dem Weg beschreiben, einen Werbespruch formulieren	Language Lab: Book C.D. will be played. Clicker Lab: Schulessen, Rezepte, Zutaten, Apps, wegbeschreibung, Werbung Wortschatz und Aussprache	
Test Dates	20.06.19 to 28.06.19	Syllabus Covered from 14.03.19 to 24.05.19			
PT-2 <u>80</u>	01.07.19 to 06.09.19	Lektion 3: Einfach Sprachen lernen- Sprachen Grammatik: Konzessiver Nebensatz: Konjunktion obwohl Plusquamperfekt	PPT on the topic: Eine Einschränkung ausdrücken Activity: a) über eigene Erfahrungen mit Fremdsprachen sprechen b) etwas aushandeln	Language Lab: Book C.D. will be played. Clicker Lab: Fremdsprachen lernen, zweisprachigkeit Wortschatz und Aussprache	
Test Dates	07.09.19 to 16.09.19	Syllabus Covered from 14.03.19 to 06.09.19			

PT-3 (80)	17.09.19 to 10.11.19	Lektion 4: Deine Hilfe zählt!- Soziales Engagement Grammatik: Relativsatz: Relativpronomen wo, was Temporale Nebensätze: Konjunktion als und Nachdem	PPT on the topic: Vermutungen äußern Activity: a) Aus dem eigenen Leben erzählen b) Die Reihenfolge von Ereignissen angeben	Language Lab: Book C.D. will be played. Clicker Lab: Initiativen und Erlebnisse Wortschatz und Aussprache
Test Dates	11.11.19 to 20.11.19	Syllabus Covered from 14.03.19 to 10.11.19		
Pre Board 1 (80)	21.11.19 to 05.12.19	Wiederholung	PPT on Grammatik	Clicker Lab: Wiederholungstest
Test Dates	06.12.19 to 19.12.19	Syllabus Covered from 14.03.19 to 05.12.19		
Pre Board 2 (80)	20.12.19 to 31.12.19	Revision of complete syllabus covered during the session.		
Test Dates	03.01.20 to 16.01.20	Syllabus Covered from 14.03.19 to 02.01.20		
<p>Reference Books:</p> <p>Team Deutsch 2/2 , Planet 2, Ping Pong 2, DVD - Wir Live, Langenscheidt Euro Dictionary, K.M. Sharma; German-Hindi/Hindi-German Dictionary. Rachna Publishing House, Get Ready Practice Book (class X) , Wir 3 (Lehrbuch und Arbeitsbuch)</p>				

Subject : French		Syllabus: 2019-2020		Class : X	
Prescribed Books :		1. Entre Jeunes-2		2. Entre Jeunes(Cahier d'exrcices)	
TEST/EXAM	DURATION	DETAILS OF CHAPTERS TO BE COVERED	Use of ICT	Use of Labs	
PT-1 (80)	14.03.19 to 24.05.19	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"> • Powerpoint presentation on Tenses and pronoms relatifs • Activity of identifying proverbs with the situations given • Picture description 	<ul style="list-style-type: none"> • Cliket lab: Objective type questions on Tenses • Language lab: Audio comprehensions • Language lab: Speaking activity-Book review 	
Test Dates	20.06.19 to 28.06.19	Syllabus Covered from 14.03.19 to 24.05.19			
PT-2 (80)	01.07.19 to 06.09.19	Leçon 5 : Les médias Leçon 6 : Chacun ses goûts Leçon 7 : En plein forme Leçon 8 : L'environnement	<ul style="list-style-type: none"> • Powerpoint presentation on les pronoms, les démonstratifs and les possessifs • Activity of guessing the person according to the clues given using les démonstratifs • Picture description 	<ul style="list-style-type: none"> • Cliket lab: Objective type questions on pronouns • Language lab: Audio comprehensions • Language lab: Speaking activity: Film review 	
Test Dates	07.09.19 to 16.09.19	Syllabus Covered from 14.03.19 to 06.09.19			

PT-3 (80)	17.09.19 to 10.11.19	Leçon 9 : Métro, Boulot, Dodo Leçon 10 : Vive la République Leçon 11 : C'est bon le progrès Leçon 12 : Vers un monde interculturel	<ul style="list-style-type: none"> • Powerpoint presentation on Tenses and reported speech • Short role play videos • Picture description 	<ul style="list-style-type: none"> • Clicker lab: Objective type questions on tenses and pronouns • Language Lab: Audio comprehensions • Language lab: Speaking activity: Role play using reported speech
Test Dates	11.11.19 to 20.11.19	Syllabus Covered from 14.03.19 to 10.11.19		
Pre Board 1 (80)	21.11.19 to 05.12.19	Revision of complete syllabus covered during the session.	<ul style="list-style-type: none"> • Powerpoint presentations on all the grammatical topics 	<ul style="list-style-type: none"> • Clicker lab: Objective type questions on all the grammatical topics
Test Dates	06.12.19 to 19.12.19	Syllabus Covered from 14.03.19 to 05.12.19		
Pre Board 2 (80)	20.12.19 to 31.12.19	Revision of complete syllabus covered during the session.		
Test Dates	03.01.20 to 16.01.20	Syllabus Covered from 14.03.19 to 02.01.20		
<p>Reference Books:</p> <ol style="list-style-type: none"> 1. Together with French-X 2. Set Rite-X 3. Get Ready-X 				

Subject : Spanish		Syllabus: 2019-2020		Class : X	
Prescribed Books : Aula Internacional 2 (+CD)					
TEST/EXAM	DURATION	DETAILS OF CHAPTERS TO BE COVERED	Use of ICT	Use of Labs	
PT-1 80	14.03.19 to 24.05.19	Unidad 1 - El español y tú Unidad 2- Una vida de película Unidad 3- Hogar,dulce hogar Unidad 4- ¿Como va todo?	<ul style="list-style-type: none"> • Powerpoint presentation on Preterito Pluscuamperfecto and Presente de Subjuntivo . • Quiz on Preterito Indefinido. 	<ul style="list-style-type: none"> • Language lab: Pictorial Representation for Identification of positions and directions. • Clicker Lab:Test of El subjuntivo 	
Test Dates	20.06.19 to 28.06.19	Syllabus Covered from 14.03.19 to 24.05.19			
PT-2 80	01.07.19 to 06.09.19	Unidad 5-Guía del ocio Unidad 6-No como carne Unidad 7-Nos gusta mucho	<ul style="list-style-type: none"> • Short Video on Preterito Perfecto de Subjuntivo . • Powerpoint presentation on los Preposiciones. 	<ul style="list-style-type: none"> • Language Lab:Debate:“Vivir con o sin Red” • Speech:Una vida Sana 	
Test Dates	07.09.19 to 16.09.19	Syllabus Covered from 14.03.19 to 06.09.19			

PT-3 (80)	17.09.19 to 10.11.19	Unidad 8-Estamos muy bien Unidad 9-Antes y ahora Unidad 10-Momentos especiales	<ul style="list-style-type: none"> Powerpoint Presentation on el Imperfecto de Subjuntivo Short video:El cuidado de nuestro ciudades 	<ul style="list-style-type: none"> Clicker Lab:Quiz on “La Literatura” Language lab: Listening Skills:“Pretexto”-Malas Costumbres
Test Dates	11.11.19 to 20.11.19	Syllabus Covered from 14.03.19 to 10.11.19		
Pre Board 1 (80)	21.11.19 to 05.12.19	Revision of complete syllabus covered during the session.	<ul style="list-style-type: none"> Powerpoint presentations on por/para 	<ul style="list-style-type: none"> Language Lab:Video on “las capitales del mundo hispano”
Test Dates	06.12.19 to 19.12.19	Syllabus Covered from 14.03.19 to 05.12.19		
Pre Board 2 (80)	20.12.19 to 31.12.19	Revision of complete syllabus covered during the session.		
Test Dates	03.01.20 to 16.01.20	Syllabus Covered from 14.03.19 to 02.01.20		
<p>Reference Books:</p> <ol style="list-style-type: none"> Compañeros 2, (CD+Workbook) by Francisca Castro et.al., SGEL En acción A2, (CD + workbook) Collins Gem Spanish School Dictionary Learn Spanish through Games and Activities (Level 1) 				

Co-Scholastic Activity
Physical Education

Syllabus: 2019-2020

Class : X

MONTH	PARTICULARS
April'19 & May'19	<ul style="list-style-type: none"> • Tests in Sports • Play in Sports • Practical-AAPHERD Test
July'19 & August'19	<ul style="list-style-type: none"> • Physical Activity and Gender • Stress and Coping • Practical - Athletics: 50 Mts Dash, Throws 342
September'19	Half Yearly Exam
October'19 & November'19	<ul style="list-style-type: none"> • Physical Activity and Quality of Life • Physiological Basis of Physical Education
December'19 & January'20	<ul style="list-style-type: none"> • Psychological Basis of Physical Education • Career Avenues in Physical Education
February'20	<ul style="list-style-type: none"> • Safety and Injuries
March'20	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

Name of Tests to be conducted :

BMI, Partial Curl Up, Flexed / Bent Arm Hang, Sit and Reach, 600 Metre Run, Flamingo Balance Test, Shuttle Run, Sprint / Dash, Standing Vertical Jump, PLate Tapping and Alternative Hand Wall Test

* 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: 2019-2020

Class : X

MONTH	PARTICULARS
April'19 & May'19	<ul style="list-style-type: none"> • Health Hazard • Communicable & Non-communicable Diseases
July'19 & August'19	<ul style="list-style-type: none"> • Primary Healthcare • Importance of International Health • WHO, UNICEF
September'19	Half Yearly Exam
October'19 & November'19	<ul style="list-style-type: none"> • Adolescence Education and Awareness
December'19 & January'20	<ul style="list-style-type: none"> • Health setups
February'20	<ul style="list-style-type: none"> • Awareness of evils associated with promiscuity
March'20	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: 2019-2020

Class : X

MONTH	Particulars
April'19 & May'19	<ul style="list-style-type: none"> • Speech, Diction, Body Language, Characterization. • Exercises in characterization and speech dialogue delivery.
July'19 & August'19	<ul style="list-style-type: none"> • Understanding social issues. • Formal performance on stage.
September'19	Half Yearly Exam
October'19 & November'19	<ul style="list-style-type: none"> • Reading and understanding the stories of various western authors. • Performance based on short scenes from classical dramas.
December'19 & January'20	<ul style="list-style-type: none"> • Knowledge about play script and its importance. • Play writing: unscripted play to be written down in the form of a script to be acted.
February'20	<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'20	Final Exam

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

Co-Scholastic Area:
Art Education (Visual Art)

Syllabus: 2019-2020

Class : X

MONTH	Particulars
April'19 & May'19	<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'19 & August'19	<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'19	Half Yearly Exam
October'19 & November'19	<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'19 & January'20	<ul style="list-style-type: none"> Collage making/ Mosaic on the given theme with coloured papers, coloured printed pictures/ photographs from news papers and magazines. Abstract / Semi Abstract painting in acrylic / poster colour.
February'20	<ul style="list-style-type: none"> Revision
March'20	Final Exam

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

Co-Scholastic Area:
Art Education(Vocal Music)

Syllabus: 2019-2020

Class : X

MONTH	Particulars
April'19 & May'19	<ul style="list-style-type: none"> • Different forms of Indian Music. • Practice of Folk Song.
July'19 & August'19	<ul style="list-style-type: none"> • Definition of Aroha Avaroha, Laya, Matra, Tal, Avartan, Sam etc. • Practice of Qawwali • National Anthem.
September'19	Half Yearly Exam
October'19 & November'19	<ul style="list-style-type: none"> • Practice of Annual Day Celebration. • Rhythm, Tal and thekas- Kaharva, Dadra, Trital
December'19 & January'20	<ul style="list-style-type: none"> • Christmas Carol • Brief description of Raag (Kafi), characteristics and related matters of Raag e.g. Sargam, Alap, Taan etc.
February'20	<ul style="list-style-type: none"> • Revision
March'20	Final Exam

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

Co-Scholastic Area:
Art Education (Instrumental Music)

Syllabus: 2019-2020

Class : X

MONTH	Particulars
April'19 & May'19	<ul style="list-style-type: none"> Practice of Rhythm, Taal and thekas- Keherwa, Dadra, Jhaptal. Tuning and playing of any one of the following instruments: Sitar, Guitar, Violin, Santoor, etc.
July'19 & August'19	<ul style="list-style-type: none"> Knowledge of Aroha, Avaroha, Avartan, Sam, Tali, Khali. Practice of National Song, National Anthem.
September'19	Half Yearly Exam
October'19 & November'19	<ul style="list-style-type: none"> Practice of Raga- Puriya Dhanashri & Ahir Bhairav. Practice for Senior Annual Day.
December'19 & January'20	<ul style="list-style-type: none"> Knowledge of Swar- Sudh, Komal, Teevra and Laya Matra. Practice to play music compositions with notation.
February'20	<ul style="list-style-type: none"> Revision.
March'20	Final Exam

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

Co-Scholastic Area:
Art Education (Kathak Dance)

Syllabus: 2019-2020

Class : X

MONTH	Particulars
April'19 & May'19	<ul style="list-style-type: none"> • Warmup: body line improvement as per the Kathak dance form.
July'19 & August'19	<ul style="list-style-type: none"> • Creative presentation based on Indian folk and classical dance techniques.
September'19	Half Yearly Exam
October'19 & November'19	<ul style="list-style-type: none"> • Advance practice of Indian Classical Dance – Kathak and its different Gharanas.
December'19 & January'20	<ul style="list-style-type: none"> • Usage of Mudras with explanation.
February'20	<ul style="list-style-type: none"> • Presentation of classical / semi classical/ folk/creative dance choreography by the students.
March'20	Final Exam
<p>NOTE: Students will be assessed by subject faculty as per grades prescribed by CBSE.</p>	

Co-Scholastic Area: Syllabus: 2019-2020
Art Education (Bharatnatyam & Contemporary Dance)

Class : X

MONTH	Theory	Practical
April'19 & May'19	<ul style="list-style-type: none"> • Basic stretch : Body movement and exercise • One Bharatanatyam performance 	
July'19 & August'19	<ul style="list-style-type: none"> • Styling, figuring • Beat sense • Hasta Mudras 	
September'19	Half Yearly Exam	
October'19 & November'19	<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'19 & January'20	<ul style="list-style-type: none"> • Improvised performance • One semi-classical item 	
February'20	<ul style="list-style-type: none"> • Knowledge about origin of Bharatnatyam Dance, costumes, jewelleryes, makeup and instruments accompanying the classical dance form. • One improvised performance 	
March'20	Final Exam	

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

Year Planner : 2019-2020

Class : X

MONTH	DATE & DAY	DETAILS
March' 19	14.03.2019 (Thursday)	Commencement of the Session
April' 19	20.04.2019 (Saturday)	Parent's Workshop : Future Frontiers (Career Counseling)
May' 19	02.05.2019 (Thursday)	Students' Workshop : Social Networking Ethics
	03.05.2019 (Friday)	Principal's Session
	03.05.2019 (Friday)	Educational Visit : Visit to AIIMS
	09.05.2019 (Thursday)	Value Education Workshop : Courtesy by X A
	16.05.2019 (Thursday)	Value Education Workshop : Discipline by X B
	23.05.2019 (Thursday)	Value Education Workshop : Sharing, Compassion & Empathy by X C
	25.05.2019 (Saturday) to 31.05.2019 (Friday)	Summer Break
June' 19	01.06.2019 (Saturday) to 19.06.2019 (Wednesday)	Summer Break
	20.06.2019 (Thursday) to 28.06.2019 (Friday)	PT – 1 Examination (June Test)
July' 19	04.07.2019 (Thursday)	Value Education Workshop :Fostering balance between Rights and duties by X D
	11.07.2019 (Thursday)	Value Education Workshop :Time Management by X E
	18.07.2019 (Thursday)	Students' Workshop : Be Emotional Smart - Managing emotions
	27.07.2019 (Saturday)	Parent Teacher Meeting and Book Fair
30.07.2019 (Tuesday)	Educational Visit : Visit to National Agricultural Science Museum	
August' 19	17.08.2019 (Saturday)	Parent's Workshop :3 P's of Positive Parenting
September' 19	26.09.2019 (Thursday)	Student's Workshop :Self Management
	07.09.2019 (Saturday) to 16.09.2019 (Monday)	PT – 2 Examination
October' 19	05.10.2019 (Saturday)	Parent Teacher Meeting and Book Fair
November' 19	09.11.2019 (Saturday)	'Chrysalis', Senior Annual Day & Prize Distribution Ceremony
	20.11.2019 (Wednesday)	Senior Sports Day
	11.11.2019 (Monday) to 20.11.2019 (Wednesday)	PT – 3 Examination
	28.11.2019 (Thursday)	Student's Workshop Stream selection/Career Awareness
December'19	06.12.2019 (Friday) to 19.12.2019 (Thursday)	Pre Board 1 Examination
	03.01.2020 (Friday) to 16.01.2020 (Thursday)	Pre Board 2 Examination
January' 20	25.01.2020 (Saturday)	Parent Teacher Meeting and Book Fair
	February – March' 20	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: 2019-2020

Class : X

MONTH	DATE & DAY	DETAILS
April'19	17th Wednesday 19th Friday	Mahavir Jayanti Good Friday
May'19	18th Saturday	Buddha Purnima
August '19	12th Monday 15th Thursday 24th Saturday	Id – Ul – Zuha (Bakrid) Independence Day & Raksha Bandhan Janmashtami
September'19	10th Tuesday	Muharram
October'19	2nd Wednesday 7th Monday & 8th Tuesday 17th Thursday 26th Saturday to 29th Tuesday	Mahatma Gandhi Birthday Dussehra Karva Chauth Diwali Break
November'19	12th Tuesday	Guru Nanak's Birthday
December'19	25th Wednesday	Christmas Day
January'20	26th Sunday	Republic Day