

*This syllabus belongs to*

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**Of**  
**Class- X**

**CLASS – X SUBJECT – English**  
**BOOK 1- FIRST FLIGHT (LITERATURE) BOOK-2 – FOOTPRINTS**  
**WITHOUT FEET (SUPPLEMENTARY READER)**

<b>MONT H</b>	<b>CHAPTER NO.</b>	<b>NAME OF THE CHAPTER</b>	<b>NO. OF PERIODS REQUIRED</b>	<b>EXAM SCHEDULE/ PORTION</b>
<b>APRIL 2019</b>	B-1) 1 ,2 B-2) 1	B-1)A LETTER TO GOD , NELSON MANDELA , DUST OF SNOW(POEM) B-2) A TRIUMPH OF SURGERY	20	
<b>JUNE 2019</b>	B-1) 3	B-1) TWO STORIES , FIRE & ICE (POEM) GRAMMAR- TENSES , MODALS	10	
<b>JULY 2019</b>	B-1) 4 B-2) 2,3	B-1) FROM THE DIARY OF ANNE FRANK, A TIGER IN THE ZOO (POEM) B-2) THE THIEF’S STORY , THE MIDNIGHT VISITOR GRAMMAR- DETERMINERS , GAP FILLING WRITING- ARTICLE WRITING	25	<b>PERIODIC TEST- I [15<sup>TH</sup> TO 20<sup>TH</sup> JULY]</b> SYLLABUS- B- 1) 1,2,3 B- 2)1,2,POEM- 1,2 GRAMMAR
<b>AUGU ST 2019</b>	B-1) 5,6 B-2) 4,5	B-1)THE HUNDRED DRESSES PART-I & II,HOW TO TELL WILD ANIMALS (POEM) B-2) A QUESTION OF TRUST, FOOTPRINTS WITHOUT FEET GRAMMAR – EDITING & OMISSION , WRITING- FORMAL LETTERS	22	

<p><b>SEPT 2019</b></p>	<p>B-1) 7,8 B-2) 6,7</p>	<p>B-1) GLIMPSES OF INDIA , MIJBIL THE OTTER , THE BALL POEM(POEM), AMANDA(POEM) B-2) THE MAKING OF A SCIENTIST , THE NECKLACE GRAMMAR- SUBJECT VERB AGREEMENT, SENTENCE REORDERING</p>	<p>22</p>	<p><b>HALF YEARLY EXAMINATION [16<sup>TH</sup> TO 30<sup>TH</sup> SEP] SYLLABUS- APRIL- SEPTEMBER</b></p>
<p><b>OCT 2019</b></p>	<p>B-1) POEM B-2) 8</p>	<p>B-1) ANIMALS (POEM), THE TREES (POEM) B-2) THE HACK DRIVER WRITING- SHORT STORY</p>	<p>18</p>	
<p><b>NOV 2019</b></p>	<p>B-1) 9,10 B-2) 9</p>	<p>B-1) MADAM RIDES THE BUS , THE SERMON AT BENARES , FOG (POEM) B-2) BHOLI GRAMMAR- SENTENCE TRANSFORMATION (VOICE)</p>	<p>18</p>	<p><b>PERIODIC TEST- II [22<sup>ND</sup> TO 30<sup>th</sup> NOV] SYLLABUS- B- 1) 9,10 B-2) 8, 9 POEM-7,8 GRAMMAR &amp; WRITING</b></p>
<p><b>DEC 2019</b></p>	<p>B-1)11 B-2) 10 EARTH .</p>	<p>B-1) THE PROPOSAL , THE TALE OF CUSTARD THE DRAGON (POEM), FOR ANNE GREGORY (POEM) B-2) THE BOOK THAT SAVED THE EARTH .  GRAMMAR-  SENTENCE TRANSFORMATION (REPORTED SPEECH )</p>		

<b>JAN 2020</b>	REVISION  PRE BOARD	<b>PERIODIC – III ( 7<sup>TH</sup> – 14<sup>TH</sup> JAN ) SYLLABUS- B- 1) 11, POEM- 10, 11. B-2) 10 GRAMMAR &amp;WRITING</b>
<b>FEB 2020</b>	<b>REVISION PRE BOARD</b>	
<b>NOTE – NOVEL (THE STORY OF MY LIFE ) DISCUSS IN CLASSROOM TEACHING LEARNING PROCESS</b>		
<p><b>SUBJECT ENRICHMENT:-</b></p> <p style="text-align: center;">No. 1 Assignment- Read a book of your own choice &amp; write a review on that .(JUNE)</p> <p style="text-align: center;">No. 2 group discussion book FIRST FLIGHT page no.89(SEPTEMBER)</p> <p style="text-align: center;">No. 3 ROLE PLAY –THE BOOK THAT SAVED THE EARTH (DECEMBER)</p>		

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**CLASS –X      SUBJECT – HINDI**

<b>MONT H</b>	<b>CHAPTER NO.</b>	<b>NAME OF THE CHAPTER</b>	<b>NO. OF PERIODS REQUIRED</b>	<b>EXAM (UNIT)</b>
<b>APRIL 2019</b>	पाठ-10 (गद्य) पाठ-1 (पद्य) व्याकरण	नेताजी का चश्मा सूरदास के पद रस	20	एकल क्रियाकलाप- नेताजी का चश्मा-नेताजी के व्यक्तित्व और कृतित्व पर परियोजना कार्य।

<b>JUNE 2019</b>	पाठ-11 (गद्य) पाठ-2 पद्य व्याकरण	बालगोबिन भगत राम-लक्ष्मण-परशुराम संवाद पत्र-लेखन, विज्ञापन-लेखन	10	एकल एवं सामूहिक क्रियाकलाप- राम-लक्ष्मण परशुराम संवाद का सस्वर वाचन।
<b>JULY 2019</b>	पाठ-12 (गद्य) पाठ-13 (गद्य) कृतिका	लखनवी अंदाज मानवीय करुणा की दिव्य चमक माता का अंचल	25	<b>PERIODIC TEST- I</b> <b>[15<sup>TH</sup> TO 20<sup>TH</sup> JULY]</b> गद्य-10,11 पद्य-1, व्याकरण-रस, कृतिका- माता का अंचल
<b>AUGUST 2019</b>	पाठ-5 (पद्य) पाठ-6 (पद्य) व्याकरण कृतिका	उत्साह, अट नहीं रही है दंतुरित मुस्कान, फसल वाच्य, पद-परिचय जॉर्ज पंचम की नाक	20	एकल क्रियाकलाप- बादलों का चित्रांकन कर बादल से सम्बन्धित कविता लिखें।
<b>SEPT 2019</b>	कृतिका व्याकरण	साना-साना हाथ जोड़ि वाक्य (रचना के आधार पर) पत्र-लेखन, विज्ञापन-ले खन, निबंध-लेखन	20	<b>HALF YEARLY EXAMINATION</b> <b>[16<sup>TH</sup> TO 30<sup>TH</sup> SEP]</b> गद्य-10,11,12,13 पद्य-1,2,5,6 व्याकरण-रस, वाच्य, वाक्य पद-परिचय, पत्र-लेखन, विज्ञापन-लेखन, निबंध-लेखन कृतिका- जॉर्ज पंचम की नाक
<b>OCT 2019</b>	पाठ-14 (गद्य) पाठ-16 (गद्य) पाठ-7	एक कहानी यह भी नौबतखाने में इबादत छाया मत छूना	16	सामूहिक क्रियाकलाप- नौबतखाने में इबादत और साना-साना हाथ जोड़ि-काशी और गैंगटोक का संक्षिप्त परिचय देते हुए पर्यटन स्थल पर आधारित एलबम तैयार करें।
<b>NOV 2019</b>	पाठ-8 (पद्य) पाठ-9 (पद्य) कृतिका	कन्यादान संगतकार साना-साना हाथ जोड़ि	15	<b>PERIODIC TEST- II</b> <b>[22<sup>ND</sup> TO 30<sup>RD</sup> NOV]</b> गद्य-14,16 पद्य-7,8 व्याकरण-, वाक्य रचना के आधर पर कृतिका-साना-साना हाथ जोड़ि

DEC 2019	REVISION	सामूहिक क्रियाकलाप- पाठ में आए लेखकों एवं कवियों का संक्षिप्त जीवन परिचय देते हुए फोटो के साथ फाइल तैयार करें।
JAN 2020	REVISION	1 <sup>st</sup> pre-board
FEB 2020	<p style="text-align: center;">REVISION  <b>ANNUAL EXAMINATION (2019-20)</b>          [18<sup>TH</sup> -26<sup>TH</sup> FEBRUARY]          FULL SYLLABUS</p>	
	<p style="text-align: center;">नोट-निम्नलिखित पाठों से प्रश्न नहीं पूछे जाएंगे:-</p> <p>पद्य- पाठ-3, देव के सवैये          पद्य- पाठ-4, आत्मकथ्य          गद्य- पाठ-15, स्त्री शिक्षा के विरोधी कुतर्कों का खण्डन          गद्य- पाठ-17, संस्कृति          कृतिका-              पाठ-4, एही ठैयां झुलनी हेरानी हो रामा          कृतिका-              पाठ-5, मैं क्यों लिखता हूँ</p>	

**CLASS -X      SUBJECT - MATHEMATICS**

MON TH	WORK ING DAYS	UNIT & CHAPTER	PERI ODS	ACTIVITY	EXAM (UNIT)
APRIL 2019	24	01. REAL NUMBERS 02. POLYNOMIALS	20	TO VERIFY PYTHAGORU S THEOREM OF TRIANGLE	

JUNE 2019	12	03. PAIR OF LINEAR EQUATION	12		
JULY 2019	27	08. INTRODUCTION TO TRIGONOMETRY 12. AREA RELATED TO CIRCLES 14. STATISTICS	25		<b>PERIODIC TEST- I [15<sup>TH</sup> TO 20<sup>TH</sup> JULY] 1, 2, 3</b>
AUGU ST 2019	25	06. TRIANGLES 15. PROBABILITY	22	TO FIND THE SUM OF n-terms OF A.P.	
SEPT 2019	24	04. QUADRATIC EQUATIONS 07. CO-ORDINATE GEOMETRY 11. CONSTRUCTIONS	23	DRAW THE GRAPH OF LESS THAN OGIVE	<b>HALF YEARLY EXAMINATION [16<sup>TH</sup> TO 30<sup>TH</sup> SEP] 1,2,3,4,7,8,11,14,15</b>
OCT 2019	19	05. ARITHMETIC PROGRESSION	15		
NOV 2019	25	09. APPLICATION OF TRIGONOMETRY 10. CIRCLES 13. SURFACE AREA VOLUME	18		<b>PERIODIC TEST- II [22<sup>ND</sup> TO 30<sup>TH</sup> NOV] 13</b>
DEC 2019	20	<b>REVISION</b>			
JAN 2020	24	<b>PRE BOARD-I [7<sup>TH</sup> TO 14<sup>TH</sup> JAN] FULL SYLLABUS</b>			
FEB 2020	24	<b>PRE BOARD-II [3<sup>RD</sup> TO 12<sup>TH</sup> FEB] FULL SYLLABUS</b>			
MAR 2020	<b>BOARD EXAMINATION</b>				

**CLASS –X SUBJECT - SCIENCE**

<b>MON TH</b>	<b>WORK ING DAYS</b>	<b>UNIT &amp; CHAPTER</b>	<b>PERI ODS</b>	<b>ACTIVITY</b>	<b>EXAM SCHEDULE/ PORTION</b>
<b>APRIL 2019</b>	<b>24</b>	1. Chemical reactions and equations 6. Life processes(half ) 12. Electricity (half )	<b>20</b>	LIST OF PRACTICALS TO BE CONDUCTED & AND COURSE STRUCTURE ARE MENTIONED ON THE NEXT PAGE	
<b>JUNE 2019</b>	<b>12</b>	2. Metals and non-metals (half ) 12. Electricity(half ) 6. Life processes (half )	<b>12</b>		
<b>JULY 2019</b>	<b>27</b>	3. Metals and non metals(half ) 11. Magnetic effect of electric current (Half) 7. Control and coordination	<b>25</b>		<b>PERIODIC TEST- I [15<sup>TH</sup> TO 20<sup>TH</sup> JULY] (1,6,12)</b>
<b>AUGU ST 2019</b>	<b>25</b>	2. Acid , Base and Salts 10. Light, reflection and refraction. (half) 8. How do organisms reproduce.	<b>22</b>		
<b>SEPT 2019</b>	<b>24</b>	9. Heredity and evolution. (half) 4. Carbon and its compounds (half) 10. Light, reflection and refraction. (half)	<b>23</b>		<b>HALF YEARLY EXAMINATION [16<sup>TH</sup> TO 30<sup>TH</sup> SEP] (1,2,3,6,7,8,10,12,13)</b>



OCT 2019	19	11. Human eye and colourful world. 4. Carbon and its compound (half) 9. Heredity and evolution	15		
NOV 2019	25	5. Periodic classification of elements 14. Sources of energy 16. Management of natural resources	18		<b>PERIODIC TEST- II</b> [22 <sup>ND</sup> TO 30 <sup>TH</sup> NOV]  (4,9,11)
DEC 2019	20	15. Our environment.			
JAN 2020	24	<b>PRE BOARD-I [7<sup>TH</sup> TO 14<sup>TH</sup> JAN]</b> <b>FULL SYLLABUS</b>			
FEB 2020	24	<b>PRE BOARD-II [3<sup>RD</sup> TO 12<sup>TH</sup> FEB]</b> <b>FULL SYLLABUS</b>			
MAR 2020	<b>BOARD EXAMINATION</b>				

### LIST OF EXPERIMENTS (Class X)

1. To find the pH of the following samples by using pH paper/universal indicator.

- |                             |                          |   |
|-----------------------------|--------------------------|---|
| i) Dilute Hydrochloric acid | ii) Dilute NaOH solution | iii) Dilute Ethanoic acid solution      |
| iv) Lemon juice             | v) Water                 | vi) Dilute Sodium Bicarbonate Solution. |

2. To study the properties of acids and bases (dilute HCL & dilute NaOH) by their reaction with :

i) Litmus solution (Blue/Red)      ii) Zinc metal      iii) Solid Sodium Carbonate

3. To determine the focal length of

a) A Concave mirror      b) Convex lens by obtaining the image of a distant object.

4. 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 results.

5. To study the dependence of current

(I) on the potential difference (V) across a resistor and determine its resistance.

Also plot a graph between V and I.

6. To determine the equivalent resistance of two resistors when connected in series.

7. To determine the equivalent resistance of two resistors when connected in parallel.

8. To prepare a temporary mount of a leaf peel to show stomata.

9. To show experimentally that light is necessary for photosynthesis.

10. To show experimentally that carbon dioxide is given out during respiration.

11. To study (a) binary fission in Amoeba and (b) budding in yeast with the help of prepared slides.

12. To determine the percentage of water absorbed by raisins.

13. To prepare SO<sub>2</sub> gas, observe its following properties and draw inferences in respect of

i) odour      ii) solubility in water      iii) effect on litmus paper      iv) action on acidified potassium dichromate solution.

14. a) To observe the action of Zn, Fe, Cu and Al metals on the following salt solutions.

i) ZnSO<sub>4</sub> (aq.)      ii) FeSO<sub>4</sub> (aq.)      iii) CuSO<sub>4</sub> (aq.)  
iv) Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub> (aq.)

b) Arrange Zn, Fe, Cu and Al metals in the decreasing order of reactivity based on the above result.

15. To study the following properties of acetic acid (ethanoic acid):

i) odour      ii) solubility in water      iii) effect on litmus  
iv) reaction with sodium bicarbonate

**CLASS –X      SUBJECT – SOCIAL SCIENCE**

<b>MONT H</b>	<b>WORKI NG Days</b>	<b>CHAP TER NO.</b>	<b>NAME OF THE CHAPTER</b>	<b>NO. OF PERIOD S REQUIR ED</b>	<b>EXAM (UNIT)</b>
<b>APRIL 2019</b>	<b>25</b>	1 1 1 1	The Rise of Nationalism in Europe Resources and development ch-2 omitted Power Sharing Development	10 6 3 3	
<b>JUNE 2019</b>	<b>12</b>	1 1 1 1	The Rise of Nationalism in Europe (cont) Resources and development (cont) Power Sharing (cont) Development (cont)	3 3 3 3	
<b>JULY 2019</b>	<b>27</b>	2 3 2 2	Nationalism in India Water Resources Federalism Sectors of Indian economy	9 6 6 6	<b>PERIODIC TEST- I [15<sup>TH</sup> TO 20<sup>TH</sup> JULY] Chapter-1, His-1, Civics-1, Geo-1, Eco-1</b>
<b>AUGU ST 2019</b>	<b>25</b>	2 3 3 4 3	Nationalism in India Water Resources (cont) Agriculture Democracy and Diversity Money and credit	6 6 6 6 6	

SEPT 2019	24	7 4 5 4 6 3	Print culture and modern world Agriculture(cont) Minerals and energy resources Gender ,Religion and Caste Ch -5 omitted Political Parties Money and credit (cont.)	6 6 6 6	<b>HALF YEARLY EXAMINATION</b> <b>[16<sup>TH</sup> TO 30<sup>TH</sup> SEP]</b>  <b>Chapters- His-1,2 civics -1,2,3 Geo- 1,3,4 Eco - 1,2,</b>
OCT 2019	19	7 6 6 6 7 4 7	Print culture and modern world (cont) Work, life and leisure Minerals and energy resoures (cont) Manufacturing industries Political Parties(cont) Outcomes of democracy Globalization and Indian economy Consumer Rights	10 3 3 3	Project – 5 marks topic – sustainable development of energy resources .
NOV 2019	25	6 6 7 8	Work, life and leisure(cont) Manufacturing industries (Cont) Lifelines of National Economy Challenges of democracy Consumer Rights (cont)	7 6 6 6	<b>PERIODIC TEST- II</b> <b>[22<sup>ND</sup> TO 23<sup>RD</sup> NOV]</b> <b>His-3, Civcs-4,6 Geo- 5 Eco-3,4</b>

<b>DEC 2019</b>	<b>20</b>	<b>REVISION</b>	
<b>JAN 2020</b>	<b>25</b>	<b>REVISION PRE BOARD-I [7<sup>TH</sup> TO 14<sup>TH</sup> JAN] FULL SYLLABUS [7<sup>TH</sup> TO 14<sup>TH</sup> JAN]</b>	
<b>FEB 2020</b>	<b>24</b>	<b>REVISION PRE-BOARD-II EXAMINATION (2019-20) [3<sup>RD</sup> -12<sup>TH</sup> FEBRUARY] FULL SYLLABUS</b>	
<b>MAR 2020</b>	<b>BOARD EXAMINATION</b>		
	<p style="text-align: center;"><b>SUBJECT ENRICHMENT :</b></p> <p>Periodic assessment    10 marks (pen paper -5 marks, debate 2.5 marks , concept- 2.5)</p> <p>Portfolio –                    5 marks .</p> <ol style="list-style-type: none"> <li>1. Classwork.    2. Activities on forest &amp; wild life</li> <li>3. Journals on age of industrialization</li> <li>4. participation of students in different activities</li> <li>5. Achievement of students throughout the year</li> </ol> <p>Project – 5 marks</p> <p>Topic – sustainable development of energy resources .</p>		

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**CLASS –X SUBJECT – PHYSICAL EDUCATION**

<b>MONT H</b>	<b>WOR KING Days</b>	<b>UNIT &amp;CHAPTER</b>	<b>PERIO DS</b>	<b>ACTIVITY</b>	<b>EXAM (UNIT)</b>
<b>APRIL 2019</b>	<b>24</b>	1. CONCEPT OF HEALTH & FACTORS INFLUENCING 2. HEALTH HAZARDS OF MODERN AGE	.....	ATHLETICS, NATIONAL KABBADDI, VOLLEY BALL	....
<b>JUNE 2019</b>	<b>12</b>	3. GROWTH & DEVELOPMENT	.....	KHO-KHO, BASKET BALL	....
<b>JULY 2019</b>	<b>27</b>	4. STRUCTURE OF HUMAN BODY 5. FOOD & NUTRITION	.....	HAND BALL, FOOTBALL	<b>UNIT TEST- I [15<sup>TH</sup> TO 20<sup>TH</sup> JULY]</b>
<b>AUGU ST 2019</b>	<b>24</b>	6. CONTAGIOUS (COMMUNICABLE) & INFECTIOUS (NON-COMMUNICABLE) DISEASE 7. FAMOUS MEDICINES IN VOGUE IN INDIA	.....	TABLE TENNIS, YOGA	....
<b>SEPT 2019</b>	<b>24</b>	8. HEALTH ORGANISATIONS IN INDIA 9. FIRST AID, HOME NURSING & CIVIL DEFENCE	.....	BADMINTON, YOGA	<b>HALF YEARLY EXAMIN ATION [16<sup>TH</sup> TO 30<sup>TH</sup> SEP]</b>

<b>OCT 2019</b>	<b>19</b>	10. WORLD HEALTH ORGANISATION, UNICEF, CARE, FOOD & AGRICULTURE ORGANISATION	.....	ATHLETICS	....
<b>NOV 2019</b>	<b>25</b>	PROJECT & PRACTICAL			<b>UNIT TEST- II [22<sup>ND</sup> TO 30<sup>TH</sup> NOV]</b>
<b>DEC 2019</b>	<b>20</b>	REVISION			
<b>JAN 2020</b>	<b>26</b>	REVISION/ DOUBT CLEARANCE CLASSES			
<b>FEB 2020</b>	REVISION/ DOUBT CLEARANCE CLASSES				
<b>MARCH 2020</b>	BOARD EXAMINATION 2020				

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# NOTES

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