

**THE LEXICON INTERNATIONAL SCHOOL, WAGHOLI**  
**MONTHWISE Curriculum FOR CLASS- X (2019-20)**

**MARCH - MAY**

**Theme: Power Sharing**

People's power and role in choosing their representatives in the Parliament in a democratic set up; honesty and dedication as powerful tools to win people's hearts; the fact that with great power comes greater responsibilities.

**Objective:** Sensitizing about the importance of the Right to Vote and qualities of being just and honest.

<p align="center"><b>English</b></p> <p><b>Literature Reader: First Flight</b></p> <p>Prose:</p> <ol style="list-style-type: none"> <li>1. A Letter to God</li> <li>2. Nelson Mandela</li> <li>3. Two Stories about Flying</li> <li>4. From the Diary of Anne Frank</li> </ol> <p>Poems:</p> <ol style="list-style-type: none"> <li>1. Dust of Snow</li> <li>2. Fire and Ice</li> <li>3. A Tiger in the Zoo</li> <li>4. How to Tell Wild Animals</li> </ol> <p><b>Supplementary Reader: Footprints without Feet</b></p> <ol style="list-style-type: none"> <li>1. A Triumph of Surgery</li> <li>2. The Thief's Story</li> <li>3. The Midnight Visitor</li> </ol> <p><b>Novel:</b></p> <p>The Diary of a Young Girl Chapters 1- 6 ( Pg.5 to 88)</p>	<p align="center"><b>Math</b></p> <p>Ch-1 Real Numbers(Pg.1) Ch-2 Polynomials(Pg.20) Ch-7 Co-ordinate Geometry</p> <p>Ch-6 Triangles (Pg.117) Ch-3 Pair of linear equation in two variable (Pg.38)</p> <p align="center"><b>Reasoning</b></p> <ul style="list-style-type: none"> <li>• Which one is different, Analogy</li> <li>• What comes next</li> </ul> <p>Lab Manual:-</p> <ol style="list-style-type: none"> <li>1. HCF of Two Numbers</li> <li>2. Zeroes of Polynomials</li> <li>3. Basic Proportionality Theorem</li> <li>4. Pythagora's Theorem               <ol style="list-style-type: none"> <li>5. A] System of similar Triangles</li> <li>B] Areas of 2 similar triangles</li> </ol> </li> <li>6. System of Linear Equations</li> </ol>
<p align="center"><b>Hindi</b></p> <p>Sparash- Gadya Ch-1 Bade bhai sahib(Pg.53) Ch-2 Diary ka ek panna(Pg.68) Ch-3 tantara vamiro katha [pg 77 ] Padya-Ch-1 kabir(Pg.3)</p> <p>Ch-2 Meera(P8) ch-3parvat Pradesh me pavas [pg 25] Sanchayan- Ch-1 Harihar kaka(Pg.1) Grammar-Shabd va padh me antar(Pg.296) ashudhi shodhan(Pg.372), muhavare(Pg.399), vakya rupantaran[ pg 347 ] anuched(Pg.103) patra (Pg.76) (opacharik) samvad [150]</p>	<p align="center"><b>Chemistry</b></p> <p>Ch-1 Chemical reaction and Equations(Pg.1)</p> <ul style="list-style-type: none"> <li>• Types of chemical reactions</li> <li>• Corrosion</li> <li>• Oxidation and reduction</li> <li>• Rancidity</li> </ul> <p>Ch-2 Acids , Bases and Salts(Pg.17)</p> <ul style="list-style-type: none"> <li>• Chemical properties of acids and bases</li> <li>• ph value and its importance</li> <li>• Salts</li> </ul> <p><b>Ch-3 Metals and Non Metals (Pg.37)</b></p> <ul style="list-style-type: none"> <li>• Physical and chemical properties</li> <li>• Reactivity series</li> <li>• Electrovalent bonding</li> <li>• Extraction of metals</li> <li>• Corrosion</li> </ul> <p>Lab manual: Pg.30, 31, 33, 35, 25, 28, 22 ,37, 39</p>
<p align="center"><b>Sanskrit</b></p> <p>Ch.1 Shuchiparyavaranam (pg.3) Grammar - Vakyarachna, lakar, shabd, kartari-karmani</p>	<p align="center"><b>Biology</b></p> <p>Ch-6 Life processes(Pg.93)</p> <ul style="list-style-type: none"> <li>• Types of nutrition</li> </ul>

<p style="text-align: center;"><b>ICT</b></p> <p>Ch-1 Societal Impact of IT (Pg. 5) Ch-2 Algorithm and Flowchart (Pg. 16) Ch-3 Introduction to C (Pg. 25)</p>	<ul style="list-style-type: none"> <li>● Nutrition in human beings</li> <li>● Respiration</li> <li>● Transportation in plants and animals</li> <li>● Excretion in plants and animals</li> </ul> <p>Lab manual: Pg.14 Ch-7 Control and coordination in animals and plant(Pg.114)</p> <ul style="list-style-type: none"> <li>● Nervous system</li> <li>● Reflex action</li> <li>● Coordination in plants</li> <li>● Hormones in plants</li> </ul> <p>Lab manual: Pg. 20</p>
<p style="text-align: center;"><b>Humanities</b></p> <p><u>History:</u> Sub -Unit I- Events and Processes Chs.1, 2 &amp; 3-Any 2 to be done) <b>Ch 1- The Rise of Nationalism in Europe (Pg 3)</b> Subunit 1-Ch 3 - Nationalism in India (Pg 53) <u>Civics:</u> Ch 1- Power sharing (Pg. 1) Ch 2 Federalism (Pg 13) &amp; Ch 3- Democracy and Diversity (Pg. 29) <u>Geography:</u> Ch- 1- Resources and Development (Pg.1*( <b>Ch 2-Forest &amp; Natural Resources - Deleted by CBSE</b>) Ch 3 - Water resources (Pg. 23) Ch 4 - Agriculture (Pg 34) <u>Economics :</u> Ch 1- Development (Pg. 2)</p>	<p style="text-align: center;"><b>Physics</b></p> <p>Ch-12 Electricity(Pg.199)</p> <ul style="list-style-type: none"> <li>● Electric current and circuits</li> <li>● Electric potential and potential difference</li> <li>● Ohm’s Law and resistance</li> </ul> <p>Ch-13 Magnetic effects of electric current(Pg.223)</p> <ul style="list-style-type: none"> <li>● Magnetic field and field lines</li> <li>● Magnetic field due to a current carrying conductor</li> <li>● Electromagnetic induction</li> <li>● Electric motor</li> </ul> <p>Lab manual: Pg. 45,47, 50</p> <hr/> <p style="text-align: center;"><b>Physical Education</b></p> <p>1.Yoga and meditation (Theory and Practice of Asanas)Chakra Asana , 2. Vajra Asna 3.Sarvang Asana,4.Halasma</p> <hr/> <p style="text-align: center;"><b>Art &amp; Craft</b></p> <ul style="list-style-type: none"> <li>● Elements of Art</li> <li>● Design</li> <li>● Still Life</li> </ul>
<p style="text-align: center;"><b>Music</b></p> <p>1) Summer Holiday      2) Beautiful Sunday</p>	

**THE LEXICON INTERNATIONAL SCHOOL, WAGHOLI**  
**Month Wise Curriculum FOR CLASS- X (2019-20)**

June –July

**Theme:** Impact of Urbanization

Urban culture; Our values and traditions as urban people; the disadvantages of urbanization; gradual loss of natural beauty; a look at the dwindling numbers of our National Animal the Tiger.

**Objective:** Creating awareness of the advantages and disadvantages of urbanization and endeavoring towards sustainable development

<p style="text-align: center;"><b>English</b></p> <p><b>Literature Reader: First Flight</b></p> <p>Prose:</p> <ol style="list-style-type: none"> <li>5. The Hundred Dresses Part-I</li> <li>6. The Hundred Dresses Part-II</li> <li>7. Glimpses of India</li> <li>8. Mijbil the Otter</li> </ol> <p>Poems:</p> <ol style="list-style-type: none"> <li>5. The Ball Poem</li> <li>6. Amanda</li> <li>7. Animals</li> </ol> <p><b>Supplementary Reader: Footprints without Feet</b></p> <ol style="list-style-type: none"> <li>4. A Question of Trust</li> <li>5. Footprints without Feet</li> <li>6. The Making of a Scientist</li> </ol> <p><b>Reader:</b></p> <p>The Diary of a Young Girl Chapters 7-12( Pg. 89 to 176)</p>	<p style="text-align: center;"><b>Math</b></p> <p>Ch-8 Introduction to Trigonometry (Pg.173) Ch-9 Some Applications of Trigonometry Ch-10 Circles Ch-12 Areas Related To Circles</p> <p>Lab Activities:- 1. Verification of Trigonometric Identities</p> <p style="text-align: center;"><b>Reasoning</b></p> <p>Calculating heights and distances using Trigonometric Ratios. Finding areas of circle with the combination of other shapes like squares and rectangles, etc.</p>
<p style="text-align: center;"><b>Hindi</b></p> <p><b>Sparsh-Gadya-</b></p> <p>Ch-4 Teesri kasam ke shilpkar(Pg.89)(ONLY READING) Ch-5 girgit [ pg 99](ONLY READING) Padya -ch- dohe [bihari] [pg 13] Ch- 4 manushyata [pg 18] Grammar- , samas (Pg.361), vigyapan lekhan [pg 155]suchana lekhan [pg ]</p>	<p style="text-align: center;"><b>Chemistry</b></p> <p>Ch-5 Periodic classification of Elements(Pg.79)</p> <ul style="list-style-type: none"> <li>● Dobereiner’s Triads</li> <li>● Newland’s Law of Octaves</li> <li>● Mendeleev’s Periodic table</li> <li>● Modern Periodic table</li> </ul> <p>Lab manual: N.A</p>
<p style="text-align: center;"><b>Sanskrit</b></p> <p>Ch.2 Buddhirbalavati sada (pg.13) Ch.3 Vyayamah sarvada patthyah (pg.22) Ch.4 Shishulalanam(30) Grammar - suffix, sandhi, taddhit, samas- dvigu, dvandva</p>	<p style="text-align: center;"><b>Biology</b></p> <p>Ch-16 Management of Natural resources(Pg.266)</p> <ul style="list-style-type: none"> <li>● Forests and wildlife</li> <li>● Sustainable management</li> <li>● Water harvesting</li> <li>● Coal and petroleum</li> </ul> <p>Lab manual: N.A</p> <p>Ch-8 How do organisms reproduce(Pg.127)</p> <ol style="list-style-type: none"> <li>1. Importance of variation</li> <li>2. Sexual and asexual modes of reproduction in plants and animals</li> <li>3. Male and female reproductive system of human beings</li> </ol> <p>Lab manual: Pg. 54, 60</p>

<p style="text-align: center;"><b>Humanities</b></p> <p><b>History:</b> : Subunit 2 -Livelihoods,Economics &amp; Societies- Chs 4, 5 &amp; 6 - Any 1 to be done) Ch 5 - The Age of Industrialisation (Pg 103) <b>Civics:</b> Ch 4- Gender, Religion and Caste (Pg. 39) Ch 5 Popular Struggles &amp; Movement(Pg 57) *Only for Project Work, Ch 6 Political Parties (Pg 71) <b>Geography:</b> Ch 5 Minerals &amp; Energy Resources (Pg 50)</p> <p><b>Economics:</b> Ch 2- The Sectors of the in Indian Economy (Pg. 18)</p>	<p style="text-align: center;"><b>Physics</b></p> <p>Ch-14 Sources of Energy(Pg.242)</p> <ul style="list-style-type: none"> <li>● Conventional sources of energy</li> <li>● Non- Conventional sources of energy</li> <li>● Environmental consequences</li> </ul> <p>Lab manual: NA</p>
<p style="text-align: center;"><b>Physical Education</b></p> <p>1.Calesthinics Exercise (Dumble Drills) 2. Practice for 15th August 3.Theory Class on Fitness, 4.Safety And Security 5. inter house competition aerobics 6.running for a cause (marathon)</p>	<p style="text-align: center;"><b>ICT</b></p> <p>Ch- 4 Data Types and Operators(33) Ch-5 Input Output in C(Pg. 43) Ch-6 Conditional Control Structures</p>
<p style="text-align: center;"><b>Music</b></p> <ul style="list-style-type: none"> <li>● Ye Desh he Veer</li> <li>● Una Paloma</li> </ul>	<p style="text-align: center;"><b>Art &amp; Craft</b></p> <ul style="list-style-type: none"> <li>● Memory drawing</li> <li>● T_shirt painting</li> </ul>

**THE LEXICON INTERNATIONAL SCHOOL,WAGHOLI**  
**MONTHWISE CURRICULAR FOR CLASS- X (2019-20)**  
**AUGUST**

**Theme: Being Civilized**

The qualities of a civilized society; living in peace and harmony; educating the nation irrespective of gender, caste or creed; utilizing natural resources sustainably; nurturing a harmonious relationship between science, technology and social awareness.

**Objective:** Generating awareness towards the values of being civilized and duties as citizens of a civilized society

<p style="text-align: center;"><b>English</b></p> <p><b>Literature Reader: First Flight</b></p> <p>Prose: 9. Madam Rides the Bus</p> <p>Poems: 8. The Trees</p> <p><b>Supplementary Reader: Footprints without Feet</b></p> <p style="text-align: center;">7. The Necklace</p> <p><b>Reader:</b> The Diary of a Young Girl Chapters 13 ( Pg.177)</p>	<p style="text-align: center;"><b>Math</b></p> <p>Ch-14 Statistics(Pg.260) Ch-4 Quadratic Equations</p> <p style="text-align: center;"><b>Reasoning</b></p> <ul style="list-style-type: none"> <li>● Direction sense</li> <li>● Mathematical Reasoning</li> </ul> <ol style="list-style-type: none"> <li>1. To find Median graphically</li> <li>2. To find Mode graphically</li> <li>3. Centroid of a Triangle</li> </ol>
<p style="text-align: center;"><b>Hindi</b></p> <p>Sparsh- Gadya-Ch-6- ab kahan dusaron ke dukh se dukhi hone vale [pg 109] Padya---ch-6-madhur -madhur mere dipak jal [pg 31](ONLY READING) -Ch-7 Tope(Pg.36)</p> <p>Sanchayan—ch -2 sapano ke se din [ pg 20 ]</p>	<p style="text-align: center;"><b>Chemistry</b></p> <p>Revision</p> <p>Ch-1 Chemical reactions and Equations(Pg.1) Ch-2 Acids, Bases and Salts(Pg.17) Ch-3 Metals and Non-metals(Pg.37) Ch-5 Periodic classification of Elements(Pg.79)</p>

<p style="text-align: center;"><b>Sanskrit</b></p> <p>Ch. 5 Janani tulyavatsala (pg.40) Ch.6 Subhashitani (pg.48) Ch.7 Sauhard Prakruteh Shobha (56) Grammar - matup, samas- upapad, tatpurush</p>	<p style="text-align: center;"><b>Biology</b></p> <p>Ch-9 Heredity and evolution(Pg.142)</p> <ul style="list-style-type: none"> <li>• Accumulation of variation during reproduction</li> <li>• Sex determination</li> <li>• Acquired and inherited traits</li> <li>• Speciation</li> <li>• Evolution and classification</li> </ul>
<p style="text-align: center;"><b>Humanities</b></p> <p><b>History:</b> Ch5 The Age of Industrialisation (Pg 103) <b>Civics:</b> Ch 7 Outcomes of Democracy (Pg 89) <b>Geog:</b> Ch 6 Manufacturing Industries (Pg 65) * Pgs 74 &amp; 75 deleted by CBSE <b>Economics:</b>Ch 3 - Money &amp; Credit (Pg 38))</p>	<p style="text-align: center;"><b>Physics</b></p> <p>Ch- 10 Light-Reflection and refraction(Pg.160)</p> <ul style="list-style-type: none"> <li>• Reflection and refraction of light</li> <li>• Image formation by mirrors and lenses</li> <li>• Magnification</li> </ul> <p>Lab manual: Pg.70, 72, 74, 77, 80</p>
<p style="text-align: center;"><b>Physical Education</b></p> <ol style="list-style-type: none"> <li>1. Fitness (Circuit Training health mela)</li> <li>2. Interval Training - Fitness Test</li> <li>3. Basketball (Shootings, Dribbling) Hurdles</li> <li>4. Human Body</li> <li>5. Health news letter</li> <li>6. Fire brigade demonstration</li> <li>7. Self defence technique</li> </ol>	<p style="text-align: center;"><b>ICT</b></p> <p>Ch-6 Conditional Control Structures Project Work (Pg. 108)</p> <p>Ch-7 Looping Control Structures (Pg. 64)</p>
<p style="text-align: center;"><b>Music</b></p> <ul style="list-style-type: none"> <li>• Make me a Channel of Your Peace</li> <li>• Into The Heaven of Freedom My Father</li> </ul>	<p style="text-align: center;"><b>Art &amp; Craft</b></p> <ul style="list-style-type: none"> <li>• Craft - Best out of waste</li> <li>• Pictorial design</li> </ul>

**THE LEXICON INTERNATIONAL SCHOOL, WAGHOLI**  
**MONTHWISE CURRICULAR FOR CLASS- X (2019-20)**  
**SEPTEMBER-OCTOBER**

**Theme:** We Are One

**Democracy-** Our birthright, the values of equality and fraternity; the immense power in being united as citizens of one nation.

**Objective:** Arousing awareness about the importance of equality and qualities which make us human beings such as kindness, empathy, honesty and treating others around without any sort of discrimination.

<p style="text-align: center;"><b>English</b></p> <p><b>Literature Reader: First Flight</b></p> <p>Prose:</p> <ol style="list-style-type: none"> <li>10. The Sermon at Benares</li> <li>11. The Proposal</li> </ol> <p>Poems:</p> <ol style="list-style-type: none"> <li>9. Fog</li> <li>10. The Tale of Custard the Dragon</li> </ol> <p><b>Supplementary Reader: Footprints without Feet</b></p> <ol style="list-style-type: none"> <li>8. The Hack Driver</li> <li>9. Bholi</li> </ol> <p><b>Reader:</b> The Diary of a Young Girl Chapters: 14 to 16</p>	<p style="text-align: center;"><b>Math</b></p> <p>Ch-13 Surface area and volume(Pg.239), Ch-15 Probability(Pg.295), Ch-5 Arithmetic ,Progression(Pg.93), Ch-11 Construction(Pg.216)</p> <p>Lab Manual:-</p> <ol style="list-style-type: none"> <li>1. A] Idea of Probability B] Determination of Experimental Probability</li> <li>2. Arithrmetic Progression-1,2,3 Measurement of Height using Clinometer</li> </ol> <ul style="list-style-type: none"> <li>• Revision</li> <li>Ch-1 Real numbers(Pg.1)</li> <li>Ch-2 Polynomials(Pg.20)</li> <li>Ch-3 Pair of linear equation in two variables(Pg.38)</li> <li>Ch-6 Triangles(Pg.117)</li> <li>Ch-14 Statistics(Pg.260)</li> <li>Ch-15 Probability(Pg.295)</li> </ul>
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	<p style="text-align: center;"><b>Reasoning</b></p> <ul style="list-style-type: none"> <li>• Blood relations</li> <li>• Mathematical reasoning</li> </ul> <p>Lab Activity:-</p> <ol style="list-style-type: none"> <li>1. Verification of Lengths of Tangents</li> <li>2. Area of a circle</li> <li>3. Areas of sectors formed at vertices of a Triangle</li> </ol> <ul style="list-style-type: none"> <li>• Cubes and dice, Analytical reasoning</li> </ul> <p>Lab manual:-</p> <ol style="list-style-type: none"> <li>1. Comparison of Volumes of Right Circular cylinder</li> <li>2. Volume of a Right circular cylinder</li> <li>3. A right circular cone</li> <li>4. Surface area of a Sphere</li> <li>5. Volume of a sphere</li> </ol>
<p style="text-align: center;"><b>Hindi</b></p> <p><b>Sparsh-</b> Gadya-Ch-7 patajhar me tuti pattiyan [pg117] Ch-8 kartus [127] Padya-Ch-8 kar chale ham fida [ pg-41] Ch 9 aatmtran [pg 46]</p>	<p style="text-align: center;"><b>Chemistry</b></p> <p>Ch-4 Carbon and Its Compound(Pg.58)</p> <ul style="list-style-type: none"> <li>• Covalent bonding</li> <li>• Saturated and unsaturated carbon compounds</li> <li>• Nomenclature of carbon compounds</li> <li>• Chemical properties of alcohol and acids</li> </ul> <p>Lab manual: Pg. 63</p>
<p style="text-align: center;"><b>Sanskrit</b></p> <p>Ch.8 Vichitrah sakshi (pg.66) Ch.9 Suktayah (pg.75) Grammar - Samas- Avyayi, tatpurush</p>	<p style="text-align: center;"><b>Biology</b></p> <p>Ch-15 Our Environment(Pg.256)</p> <ul style="list-style-type: none"> <li>• Ecosystem and its components</li> <li>• Ozone layer and its depletion</li> <li>• Food web and food chain</li> </ul> <p>Lab manual: N.A</p>
<p style="text-align: center;"><b>Humanities</b></p> <p><b>Half Yearly Revision</b> <b>History:</b> Subunit 1-Ch 1 The Rise of Nationalism in Europe(Pg 3) &amp; Ch 3 Nationalism in India (Pg 53) <b>Civics:</b> Ch 1- Power sharing (Pg. 1),Ch 2 Federalism (Pg 13) &amp; Ch 3- Democracy and Diversity (Pg. 29), Ch 4- Gender, Religion and Caste (Pg. 39) <b>Geography:</b> Ch 1- Resources and Development (Pg. 1),Ch 3- Water resources (Pg. 23) &amp; Ch 4 Agriculture (Pg 34) <b>Economics:</b> Ch 1- Development (Pg. 2) ,Ch 2- The Sectors of the Indian Economy (Pg. 18) <b>History: Subunit 3 - Everyday Life, Culture &amp; Politics-Chs. 7 &amp; 8 Any 1 ch to be done</b> Ch 7 - Print, Culture &amp; the Modern World (Pg 130) <b>Civics:</b>, Ch 8 Challenges of Democracy (Pg 101) <b>Geog:</b> Ch 7- Lifelines of National Economy (Pg78) <b>Economics:</b> Ch 4- Globalisation (Pg 54) Ch 5- Consumer Rights (Pg 74)</p>	<p style="text-align: center;"><b>Physics</b></p> <p><b>Revision</b></p> <p>Ch-12 Electricity(Pg.199) Ch-13 Magnetic effects of electric current(Pg.223) Ch-14 Sources of Energy(Pg.242)</p> <p>Ch-11 Human eye and colourful world(Pg.187)</p> <ul style="list-style-type: none"> <li>• Power of accommodation</li> <li>• Atmospheric refraction</li> </ul> <p style="text-align: center;"><b>ICT</b></p> <p>Ch-8 Functions in C (Pg. 77)</p> <p><b>Revision</b></p> <p>Ch-3 Introduction to C (Pg. 25) Ch- 4 Data Types and Operators (Pg. 33) Ch-5 Input Output in C (Pg. 43) Ch-6 Conditional Control Structures(Pg. 53) Ch-7 Looping Control Structures (Pg. 64)</p>

<p align="center"><b>Physical Education</b></p> <p>1.Yoga Practice (Theory about Postures) 2.Sitting , 3.Meditation 4.personal awareness session 5. Shot put , 6.We And Environment 7.health card , 8. Knowledge about body processes in girls and boys</p>	<p align="center"><b>Art &amp; Craft</b></p> <p align="center">Tile painting</p>
<p align="center"><b>Music</b></p> <ul style="list-style-type: none"> <li>● By The River Of</li> <li>● Jamaica Farewell</li> </ul>	

**THE LEXICON INTERNATIONAL SCHOOL, WAGHOLI**  
**MONTHWISE CURRICULAR FOR CLASS- X (2019-20)**

**NOVEMBER-DECEMBER**

**Theme: Evolving ourselves**

**Our transformation through ages by means of technology and science; overcoming trials and tribulations; development that have taken place in various spheres of life through the years; introspection on whether we have developed as human beings too alongside development in other genres; globalization and its impact on us.**

**Objective: Creating awareness about us as evolving global citizens, our contribution towards the world, our rights as consumers and how much we have evolved and grown as human beings**

<p align="center"><b>English</b></p> <p><b><u>Literature Reader: First Flight</u></b></p> <p>Prose: 10. The Proposal</p> <p>Poems: 11. For Anne Gregory</p> <p><b>Supplementary Reader: Footprints without Feet</b></p> <p align="center">11. The Book that Saved the Earth</p> <p><b>Reader:</b> The Diary of a Young Girl Chapter 17 to Ch. 19</p> <p align="center">REVISION after the completion of Portion.</p>	<p align="center"><b>Math</b></p> <p align="center">REVISION</p>
	<p align="center"><b>Chemistry</b></p> <p align="center">REVISION</p>
<p align="center"><b>Hindi</b></p> <p>Sanchayan-Ch-3 Topi shukla(Pg.32) Punaravritti gadya padya [sparsh] Grammar-Revision.</p> <p>Shabd aur pad me antar(Pg.296), Samas(Pg.361)</p>	<p align="center"><b>Physics</b></p> <p align="center">REVISION</p>
<p align="center"><b>Sanskrit</b></p> <p>Ch.10 Bhukampavibhishika (pg.82) Ch.11 Pranabhuyopi priyah (pg.90) Ch.12 Anyoktayah (99)</p>	<p align="center"><b>Biology</b></p> <p align="center">REVISION</p>

Grammar -ktumun, kta, Aniyar, Samas- AvyayiBhav	
<p style="text-align: center;"><b>Physical Education</b></p> <p>1.Football , 2.Dribling 3.Theory about Football Skills and Field Practice 4.Orientation , 5. house/class board decoration ( daily sports articles) To Physical Education &amp; Sports Education</p>	
<p style="text-align: center;"><b>Humanities</b></p> <p><b>History:</b> Subunit 3 - Everyday Life, Culture &amp; Politics-Chs. 7 &amp; 8 Any 1 chapter to be done) Ch 7 - Print, Culture &amp; the Modern World (Pg 130) <b>Civics:</b>, Ch 8 Challenges of Democracy (Pg 101) <b>Geog:</b> Ch 7- Lifelines of National Economy (Pg78) <b>Economics)</b> Ch 5- Consumer Rights (Pg 74)</p> <p><u>REVISION</u></p>	<p style="text-align: center;"><b>ICT</b></p> <p>Ch-9-Introduction to C++(Pg. 89) Ch-10 Programming in C++ 9Pg. 98) IT Icons (Pg. 112) National Cyber Olympiad (Pg.110)</p>
	<p style="text-align: center;"><b>Art &amp; Craft</b></p> <p>Folk art, Pot painting Poster painting,Book cover</p>
	<p style="text-align: center;"><b>Music</b></p> <ul style="list-style-type: none"> <li>• Daya kar daan</li> </ul>

**THE LEXICON INTERNATIONAL SCHOOL,WAGHOLI**  
**MONTHWISE CURRICULAR FOR CLASS- X (2019-20)**

**JANUARY-FEBRUARY**

**Theme:** Incredible India

The pride of being an Indian; the values of unity in diversity as grilled in us as Indian citizens; India- a Paradise on Earth with its picturesque places and ensemble communities and cultures, a nation with a rich heritage and tradition.

**Objective:** Sensitizing about our nation with all its beauty and bounty, natural resources, trade and transport, India as a democratic nation believing in its principles of Liberty, Equality and Fraternity.

<p style="text-align: center;"><b>English</b></p> <p>Revision</p>	<p style="text-align: center;"><b>Math</b></p> <p>Revision</p> <p>Ch-4 Quadratic Equation(Pg.70) Ch-5 Arithmetic Progression(Pg.93) Ch-10 Circles(Pg.206) Ch-11 Construction(Pg.216) Ch-8 Some Application of Trigonometry(Pg.173) Ch-7 Coordinate Geometry(Pg.155) Ch-12 Area related to circle(Pg.223) Ch-13 Surface area and volume(Pg.239)</p>
<p style="text-align: center;"><b>Hindi</b></p> <p>Revision.</p> <ul style="list-style-type: none"> <li>• Manushyata (Pg.18) aur thop(Pg.36)</li> <li>• Sapon ke se din(Pg.20)</li> <li>• Topi Shukla(Pg.32)</li> <li>• Vakyarupantaran(Pg.347)</li> </ul>	<p style="text-align: center;"><b>Chemistry</b></p> <p>REVISION</p>



<b>Sanskrit</b> <b>Revision - Grammar - Aniyar, Samas- AvyayiBhav</b>	<b>Biology</b>  REVISION
ICT <b>Theory &amp; Practical Final Assessment</b>	
<b>Humanities</b> REVISION	<b>Physics</b>  REVISION
<b>Physical Education</b> 1.Practice for 26th Jan. 2.Table Tennis (Theory and Practice of Skills) 3.Fitness Test, 4.Badminton 5. Social Health , 6. Consumer Health and Sports Services , 7. planting saplings and trees Panel discussions, .8. traffic rules explanation	<b>Art &amp; Craft</b> <ul style="list-style-type: none"> <li>• Design glass painting</li> <li>• Framing &amp; mounting</li> <li>• Portfolio</li> </ul>
	<b>Music</b> Christmas song

**THE LEXICON INTERNATIONAL SCHOOL, WAGHOLI**  
**MONTHWISE CURRICULAR FOR CLASS- X (2017-18)**

**Term I Science Practical**

Chemistry

1. To find the pH of the following samples by using pH paper/universal indicator.
  - a. Dilute Hydrochloric acid
  - b. Dilute NaOH solution
  - c. Dilute ethanoic acid solution
  - d. Lemon juice
  - e. Water
  - f. Dilute sodium bicarbonate solution.
  
2. To study the properties of acids and bases HCl & NaOH by their reaction with
  - a. Litmus solution (Blue/Red)
  - b. Zinc metal
  - c. Solid sodium carbonate
  
3. To perform and observe the following reactions and classify them into:
  - i. Combination reaction
  - ii. Decomposition reaction
  - iii. Displacement reaction
  - iv. Double displacement reaction
  - 1) Action of water on quick lime.
  - 2) Action of heat on ferrous sulphate crystals.
  - 3) Iron nails kept in copper sulphate solution.
  - 4) Reaction between sodium sulphate and Barium sulphate solutions
  
- 4) Reaction between sodium sulphate and barium chloride solutions.
  - a) To observe the action of Zn, Fe, Cu and Al metals on the following salt solutions.
    - a.  $ZnSO_4$  (aq)
    - b.  $FeSO_4$  (aq)
    - c.  $CuSO_4$ (aq)
    - d.  $Al_2(SO_4)_3$ (aq)
  - b) Arrange Zn, Fe, Cu and Al metals in the decreasing order of reactivity based on the above

result.

### Physics

1. To study the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plot a graph between V and I.
2. To determine the equivalent resistance of two resistors when connected in series.
3. To determine the equivalent resistance of two resistors when connected in parallel.

### Biology

1. To prepare a temporary mount of a leaf peel to show stomata.
2. To show experimentally that carbon dioxide is given out during respiration.

### ICT

Write the C program for the following.

1. Write a program to print area of a circle.
2. Write a program to print the Sum, difference, product, division and remainder of two numbers.
3. Write a program to find the Compound Interest.
4. Write a program to check whether the given numbers is even or odd.
5. Write a Program to print Corresponding days of the week.
6. Write a Print the number from 1 to 10 using While Loop.
7. Write a Print the table of N numbers.
8. Write a program to display a message on the screen using functions.
9. Write a program to find the area of a circle by using function.
10. Write a program to add two numbers using function.

Write the C ++ program for the following.

1. Write a program to find the Sum of two numbers.
2. Write a program to interchange the value of two numbers.
3. Write a program to find the area and perimeter of a rectangle.
4. Write a program to convert the temperature in Fahrenheit into Celsius.
5. Write a program to find the largest of two numbers.
6. Write a program to print Happy Birthday message ten times.
7. Write a program to print odd numbers between 1 and 100.
8. Write a program to print the table of 5.

### Term II Science Practical

#### Chemistry

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
2. To study saponification reaction for preparation of soap.
  3. To study the comparative cleaning capacity of a sample of soap in soft and hard water.

#### Physics

1. To determine the focal length of
  - i. Concave mirror
  - ii. Convex lensby obtaining the image of a distant object.

2. To trace the path of a ray of light passing through a rectangular glass slab for different angles of incidence.
3. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.
4. To trace the path of the rays of light through a glass prism.
5. To find the image distance for varying object distances in case of a convex lens and draw corresponding ray diagrams to show the nature of image formed.

Biology

1. To study (a) binary fission in Amoeba and (b) budding in yeast with the help of prepared slides.
2. To identify the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).

ICT

1. To import data from an Excel Spreadsheet into Access, Employees Record.
2. Create a query to retrieve record from 'Hospitals-record'.
3. Create a library database to practice validation rules, query formation & report generation.
4. Create a website on bones & spines using html.
5. Create a website on Astrology prediction 2016.

**S.E.W.A**

(SOCIAL EMPOWERMENT FOR WORK AND ACTION)

<p><b>TERM I</b>  <b>Creating patriotic fervour by visiting NDA.</b>  <b>Celebration of national festivals in the school.</b></p> <p><u>Thinker keys:</u>          Brainstorming          The question          The what if?</p>	<p><b>TERM II</b>  <b>Creating awareness on Swach Bharat Abhiyan.</b></p> <p><u>Thinker keys:</u>          The Question          The alternative          The what if?</p>
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THINKING SKILLS

<p><b>TERM I</b>  <u>Thinking skills:</u>  <b>Compare and contrast the lives of civilians and defense personnel.</b></p> <p><u>Thinker keys:</u>          The similarity          The difference          The prediction          The alternative</p>	<p><b>TERM II</b>  <b>Why is it important to spread awareness on cleanliness and hygiene?</b></p> <p><u>Thinker keys:</u>          The brain storming          The what if ?          Interpretation          The alternative</p>
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**MANAGEMENT STUDIES**

<p><b>TERM I</b> <b>How can we motivate students to serve the nation by joining defense services?</b></p> <p><u>Thinker keys:</u> Brainstorming The prediction The difference</p>	<p><b>TERM II</b> <b>How can we assure basic hygiene to all citizens?</b></p> <p><u>Thinker keys:</u> Brainstorming Construction [ collection of data from slum areas on death rates due to unhygienic conditions] The difference</p>
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