

**JKG International School, Indirapuram**

**Annual Syllabus (2020-21)**

**Class: XI(Science )**

<b>Month/ Subject</b>	<b>English</b>	<b>Physics</b>	<b>Chemistry</b>	<b>Math</b>	<b>Bio.</b>	<b>P.E</b>	<b>C. Art</b>
<b>April</b>	Ch 1- The portrait of lady Poem 1- A photograph	Ch1: Physical World	Ch1- Some basic concept of chemistry	Ch1: Sets	Ch. 8 Cell : The Unit of Life	Ch 1 Changing trends and career in Physical Education□	Ch 1 Introduction of art  Ch 2 Art and culture
<b>May</b>	Ch 1- The summer of beautiful white horse Ch- 2 We are not afraid to die Ch 3- Discovering Tut : The saga continues Formal letters	Ch 9: Mechanical Properties of Solids. Ch 2: Units and Measurements	Ch3- Classification of elements and periodicity in properties	Ch2: Relations and Functions Ch3: Trigonometric Functions	Ch. 1 The Living World  Ch.2 Biological Classification	Ch 2 Olympic value Education	Ch 3 Diffrent forms of art  Ch 4 Prehistoric rock paintings
<b>July</b>	Ch 3- Ranga's marriage Dispaly Advertisement Poem 3- Voice of the rain Ch 2- The address Poem 2- The Laburnum Top	Ch 2: Units and Measurements Ch 3: Motion in a straight line.	Ch5- States of matter: Gases and liquids.	Ch5: Complex Numbers Ch6 : Linear Inequalities	Ch. 3 Plant Kingdom Ch. 4 Animal Kingdom	Ch 3 Physical fitness ,wellness and life style Ch 4 Physical education and Sports for CWSN Ch 5 Yoga □	Ch 5 Arts of indus valley  Ch 6 Art of Mauryan Period

<b>Aug.</b>	Ch 4- Landscape of the soul Notice Writing Ch 6- The Browning version Ch-4 Albert Einstein at school Revision- UT 1	Ch 4: Motion in a Plane. Ch 5: Laws of Motion.	Ch-2 Structure of atom	Ch7: permutations and Combinations Ch 12 : Introduction to Three Dimensional Geometry	Ch. 10 Cell cycle and Cell division Ch. 6 Anatomy of Flowering plant	Ch 6 Physical Activity and leadership Training. Ch 7 Test, Measurement and Evaluation. Ch 8 Fundamentals of Anatomy, Physiology and Kinesiology in Sports.	Ch 7 Art of Ajanta cave
<b>Sep.</b>	Ch 6- The Browning version ( to be contd.) Note making , Debate Writing Revision- Half Yearly	Ch 5: Laws of Motion(Cont.) Ch 6: Work and Energy	Ch4-Chemical bonding and molecular structure	Ch9: Sequence and series	Revision Ch 5 Morphology of Flowering plant Ch. 7 Structural Organisation in Animals & Plants	REVISION	Revision
<b>Oct.</b>	Ch 5- The Ailing Planet Ch 5- Mother's Day	Ch 6: Work and Energy(Cont.) Ch 7: System of Particles and Rotational motion.	Ch6- Thermodynamics. Ch7- Equilibrium	Ch10: Straight Lines	Ch. 9 Biomolecules Ch 13 Photosynthesis In Flowering Plants	Ch 9 Psychology and Sports. Ch 10 Training and doping in sports.	Ch 8 Indian Temple Sculptures

<b>Nov.</b>	Poem 4- Childhood Ch 8- Silk road	Ch 8: Gravitation . Ch 10: Mechanical Properties of fluids .	Ch8 - Redox Ch9- Hydrogen	Ch11: Conic Sections Ch: 15 Statistics	Ch. 18 Body Fluids & Circulation Ch. 19 Excretory Products & Their Elimination	PRACTICAL WORK	Ch 9 Indian Bronze Sculptures
<b>Dec.</b>	Integrated Grammar Ch 7- Birth Poster Making	Ch 11: Thermal Properties of matter. Ch 12: Thermodynamic s	Ch12- Organic Chemistry  Ch13- Hydrocarbons	Ch 16: Probability	Ch. 21 Neural Control & Coordination Ch. 22 Chemical Control & Coordination	REVISION	Ch 10 Indo- Islamic Architecture
<b>Jan.</b>		Ch 13: Kinetic Theory of Gases.  Ch 14: Oscillations.	Ch10- Some S block elements.  Ch11:Pblock elements	Ch13: Limits and Derivatives	Ch. 17 Breathing & Exchange of Gases Ch. 14 Respiration in Plants	REVISION	Revision
<b>Feb/ Mar</b>		Ch 14: Oscillations (Cont.)  Ch 15: Waves.	Ch11 (continue)		Ch. 14 Continue		