



**EKLAVYA SCHOOL, JALANDHAR**  
**Pre Board Syllabus for the month of November 2018**  
**Class 12 Science**

SUBJECT	SYLLABUS
ENGLISH	<p><b>Reading Comprehension</b> : Factual Passages, Descriptive Passages, Literary Passages</p> <p><b>Advance Writing Skills</b>-Letter To The Editor, Business Letters, Advertisement, Notice, Debate, Article, Poster, Application For Job, Formal And Informal Invitations</p> <p><b>Literature &amp; Long Reading Text</b></p> <p><b>Flamingo + Value Based</b> -: Ch1 The Last Lesson, Ch2 Lost Spring, Ch3 Deep Water, Ch4 The Rattrap,, Ch8 Going Places</p> <p><b>Poetry</b>:- <b>Ch1</b> My Mother At Sixty-Six, <b>Ch2</b> An Elementary School Classroom In A Slum, <b>Ch3</b> Keeping Quiet, <b>Ch4</b> A Thing Of Beauty, <b>Ch6</b> Aunt Jennifer’s Tigers</p> <p><b>Vistas</b> :- <b>Ch2</b> The Tiger King, <b>Ch3</b> The Enemy, <b>Ch5</b> Should Wizard Hit Mommy?, <b>Ch8</b> Memories of Childhood</p> <p><b>Long Reading Novel</b> - The Invisible Man by H.G. Wells (Ch1 – Ch15)</p>
MATH	<p>Ch1-Relations And Functions, Ch2-Inverse Trigonometric Functions, Ch3-Matrices, Ch4-Determinants, Ch5-Continuity And Differentiability, Ch-6Applications Of Derivatives, Ch-7 Integrals Ch8-Applications Of Integrals, Ch9-Differential Equations, Ch10-Vector Algebra, Ch11-three Dimensional Geometry, Ch12-Linear Programming, ch13-Probability</p>
PHYSICS	<p>Ch1-Electric Charges And Fields, Ch2-Electrostatic Potential And Capacitance, Ch3-Current Electricity, Ch4-Moving Charges And Magnetism, Ch6-ElectroMagnetic Induction, Ch7-Alternating Currents, Ch9-Ray Optics, Ch14-Semiconductor Materials, Devices And Electronics, Ch15-Communication Systems Ch8-ElectroMagnetic Waves, Ch10-Wave Optics, Ch11-Dual Nature Of Matter And Radiations, Ch12-Atoms, Ch13-Nuclei,Ch8-Electromagnetic Waves,Ch5-Magnetic Properties Of Matter</p>
CHEMISTRY	<p>Ch1-Solid States, Ch2-Solutions, Ch3-Electrochemistry, Ch4-Chemical Kinetics, Ch5-Surface Chemistry, Ch6-General Principles And Processes Of Isolation Of Elements, Ch7-P-Block Elements, Ch 8-d-Block Elements, Ch9-Coordination Compounds, Ch-10 Haloalkanes&amp;Haloarenes, Ch-11 Alcohols,Phenols,Ethers,Ch-12 Aldehyde, Ketones &amp; Carboxylic acid Ch-13 Amines, Ch14-Biomolecules,Ch15-Polymers,Ch16-Chemistry in everyday life.</p>
BIOLOGY	<p>Ch1-Reproduction In Organisms, Ch2-Sexual Reproduction In Flowering Plants, Ch3-Human Reproduction, Ch4-Reproductive Health, Ch5-Principles Of Inheritance And Variations, Ch6-Molecular Basis Of Inheritance, Ch7-Evolution,Ch8- Human Health And Diseases,Ch9- Strategies For Enhancement In Food Production,Ch10- Microbes In Human Welfare Ch13-Organisms And Populations, , Ch.11 Biotechnology:Principles And Processes Ch.12 Biotechnology And Its Application, Ch 14. Ecosystem, Ch.15 Biodiversity And Conservation, Ch. 16 Environmental Issues.</p>

PHYSICAL EDUCATION	Ch1-Planning In Sports,Ch2-Sports And Nutrition,Ch-3 Yoga And Life Style,Ch4-Physical Education And Sports For CWSN,Ch5-Children And Sports,Ch6-Women And Sports, Ch8 Physiology & Sports, Ch9 Sports Medicine, Ch 10 Kinesiology, Biomechanics & Sports, Ch 11 Psychology & Sports, Ch 12 Training in Sports.