



EKLAVYA SCHOOL, JALANDHAR
Syllabus July-Sep 2017
Class 12 Science

SUBJECT	SYLLABUS
ENGLISH	<p>Reading Comprehension : Factual Passages, Descriptive Passages, Literary Passages Advance Writing Skills-Letter To The Editor, Business Letters, Advertisement, Notice, Debate, Article, Poster, Application For Job, Formal And Informal Invitations Literature & Long Reading Text Flamingo + Value Based -: Ch1 The Last Lesson, Ch2 Lost Spring, Ch3 Deep Water, Ch4 The Rattrap, Ch5 Indigo, Ch6 Poets And Pancakes, Ch7 The Interview, Ch8 Going Places Poetry:- Ch1 My Mother At Sixty-Six, ch2 An Elementary School Classroom In A Slum, Ch3 Keeping Quiet, Ch4 A Thing Of Beauty, Ch5 A Roadside Stand, Ch6 Aunt Jennifer’s Tigers Vistas :- Ch 1 Third Level, Ch2 The Tiger King, Ch3 The Enemy, Ch5 Should Wizard Hit Mommy?, Ch6 On The Face Of It, Ch7 Evan Tries An O-Level Long Reading Novel - The Invisible Man by H.G. Wells</p>
MATH	Unit 1:Relations and Functions, Unit 2: Algebra, Unit3:Calculus,Unit4, Unit5, Unit6
PHYSICS	Ch1-Electric Charges and fields, Ch2- electrostatic Potential and capacitance Ch3-Current electricity Ch4- Moving Charges and Magnetism , Ch5-Magnetism and matter, Ch6-Electromagnetic induction , Ch7- Alternating currents Ch8- Electromagnetic waves Ch9- Ray optics, Ch10- Wave optics Ch11- Dual nature of matter and radiations Ch12- Atoms, Ch13- Nuclei, Ch14- Semiconductor devices and Electronics Ch15- Communication systems
CHEMISTRY	Ch1 The Solid State, Ch2 Solutions,Ch3 Electrochemistry, Ch4 Chemical Kinetics, Ch5 Surface Chemistry,Ch6 General principles and Processes of Isolation of Elements, Ch7 The p-Block Elements,Ch8 The d- and f- Block Elements,Ch9 The Coordination Chemistry, Ch10 Haloalkanes and Haloarenes, Ch11 Alcohols, Phenols and Ethers, Ch12 Aldehydes, Ketones and Carboxylic acids,Ch13 Amines, Ch14 Biomolecules,Ch15 Polymers,Ch16 Chemistry in Everyday Life
BIOLOGY	Ch1Reproduction,Ch2 Genetics and Evolution,Ch3 Biology and Human Welfare,Ch4 Biotechnology and its Applications
PHYSICAL EDUCATION	Ch1 Planning In Sports, Ch2 Sports And Nutrition, Ch3 Sports And Nutrition, Ch4 Physical Education And Sports For Differently Abled, Ch5 Children And Sports, Ch6 Women And Sports, Ch7 Test And Measurement In Sports, Ch8 Physiology And Sports, Ch9 Sports Medicine, Ch10 Biomechanics And Sports, Ch11 Psychology And Sports, Ch12 Training In Sports.
COMPUTER	Ch-2 Beginning with C++, Ch-3 Tokens,Expressions and Console Structures, Ch-5 Classes and Objects Ch-10 Managing I/O Console operations, Ch-9 Pointer, Virtual Function and Polymorphism, Ch-13 Exception Handling , Ch-14 Manipulating Strings including (Standard Template Library), Ch-11 Working with files, Ch-12 Templates