



# EKLAVYA SCHOOL, JALANDHAR

Syllabus for the months of July to Sept 2019

CLASS 12th 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> - Ch5 Indigo, Ch8 Going Places</p> <p><b>Poetry</b>:- Ch4 A Thing Of Beauty, Ch6 Aunt Jennifer's Tigers</p> <p><b>Vistas</b> :- Ch 1 Third Level, , Ch5 Should Wizard Hit Mommy?, Ch6 On The Face Of It, Ch7 Evan Tries An O-Level</p>
MATHS	Ch7 Integrals, Ch8 Application Of Integrals, Ch9 Differential Equation, Ch10 Vector Algebra, Ch11 Three D-Geometry, Ch2 Relation and function, Ch13 Probability
PHYSICS	Ch5-Magnetism And Matter Ch6-Electro-Magnetic Induction, Ch7-Alternating Currents, Ch8-Electromagnetic Waves, Ch11-Dual Nature Of Matter And Radiations, Ch14-Semiconductor Materials, Devices And Electronics,
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	Molecular Basis Of Inheritance, Evolution, Human Health And Disease, Strategies For Enhancement In Food Production, Microbes In Human Welfare, Biotechnology Principles And Processes, Biotechnology And Its Applications. Organisms and Populations , Ecosystem , Biodiversity and Conservation , Environmental Issues
PHYSICAL EDUCATION	Ch4 Physical Education And Sports For CWSN, Ch5 Children And Women In Sports, Ch6 Test And Measurement In Sports, Ch7 Physiology And Injuries In Sports, Ch8 Biomechanics And Sports, Ch9 Psychology And Sports, Ch10 Training In Sports
MUSIC	<p><b>Theory</b> :Unit 1. Classification Of Ragas , Time Theory of Ragas, Unit 2. Detail Study of Sangeet Ratnakar, Sangeet Parijat, Unit 3 Contribution (Ustad Abdul Karim Khan, Ustad Faiyaz Khan, Pt. Krishan Rao Shankar, Ustad Bade Gulam Ali Khan)</p> <p><b>Practical</b>: Q1. One Drut Khayal In Bageshri, Bhimplasi With Simple Elebroation And Few Tanas, Q2. Two Vilambit Khayal With Alap And Tanas In Any Two Ragas, Q3. One Tarana, One Dhamar With Dugun and Chaugun, Q4. One Composition Of Sadra And Dadra, Q5. Taals (Tilwara, Rupak, Dhamar)</p>