



## EKLAVYA SCHOOL, JALANDHAR

*Syllabus for the months of July to Sept 2018*  
**CLASS – XI (Sci)**



SUBJECT	SYLLABUS
ENGLISH	<p><b>Reading Comprehensions</b></p> <p><b>Writing :</b> Poster/ Advertisement, Letters Based On Verbal/Visual Input, Business Or Official Letters (For Making Enquiries, Registering Complaints, Asking For And Giving Information, Placing Orders And Sending Replies)</p> <p>(b) Letters To The Editor</p> <p>(c) Application For a J ob With A Bio-Data Or Resumé</p> <p>(d) Letter To The School Or College Authorities, Regarding Admissions, School Issues, Requirements /Suitability Of Courses</p> <p>Article, Speech, Report Writing</p> <p><b>Grammar:</b> Gap Filling, Sentence Re-ordering, Dialogue Completion And Sentence Transformation., Determiners, Tenses, Clauses, Modals And Change Of Voice, Error Correction, Editing Tasks,</p> <p><b>Literature:</b></p> <p><b>Hornbill-</b>Ch3 Silk Road, Ch4 Landscape Of The Soul) , Ch5 The Ailing Planet, Ch6 The Browning Version</p> <p><b>Poem:</b> Ch4The Laburnum Top</p> <p><b>Snapshot-</b> Ch6 Birth, Ch7 The Tale Of Melon City, Ch5 The Ghat Of The Only World</p>
MATHS	Ch8 Binomial Therorems, Ch9 Sequences And Series, Ch10 Straight Lines, Ch11 Conic Section, Ch12 Three Dimensional Geometry, Ch13 Limits And Derivatives, Ch14 Mathematical Reasoning, Ch15 Statistics, Ch16 Probability
PHYSICS	Ch6-Work, Power And Energy, Ch7-System Of Particles And Rotational Motion, Ch8-Gravitation, Ch9-Mechanical Properties Of Solids Ch10-Mechanical Properties Of Fluids, Ch11-Thermal Properties Of Matter, Ch12-Thermodynamics, Ch13-Kinetic Theory Of Gases, Ch14-Oscillations, Ch15-Waves
CHEMISTRY	Ch1-Basic concepts of chemistry,Ch2-Structure of atom,Ch3-Classification of Elements & Periodicity in Properties,Ch4-Chemical Bonding and Molecular Structure,Ch5-States of Matter: Gases and Liquids,Ch6-Thermodynamics,Ch7-Equilibrium,Ch8-Redox Reactions,Ch9-Hydrogen,Ch10- s-Blocks elements,Ch11-Some p-Block Elements,Ch14-Environmental Chemistry.
BIOLOGY	Biological classification ,Plant Kingdom , Animal Kingdom , Mophology Of Flowering Plant, Anatomy Of Flowering Plants,Biomolecules, Structural Organisation in AnimalsTransport in plants Mineral Nutrition , Photosynthesis, Respiration In Plants, Breathing And Exchange Of Gases, Body Fluids And Circulation, Excretory Products And Their Elemination,Locomotion Neural Control And Coordination, Chemical Coordination And Integration.
PHYSICAL EDUCATION	Ch6 Management Of Injuries, Ch7Test And Measurement In Sports,Ch8 Fundamentals Of Anatomy And Physiology, Ch9 Biomechanics And Sports, Ch10Psychology And Sports, Ch11Training In Sports
MUSIC	Ch1 Brief Study Of The Margi- Desi, Nibadha- Anibadh Gan, Rag, Swarmalika, Lakshan Geet, Ch2Brief History Of Khyal And Trana, Ch3 Brief Study Of Musical Elements In Natya Shastra And Brihaddeshi, CH4 Life Sketch Of V. D. Pulskar, CH5 One Drut Khayal With Simple Elaborations In Following Raga Jaunpuri

INFORMATION TECHNOLOGY	Ch2 Networking And Internet, Ch3 Office Automation Tools, Ch5 Troubleshooting Hardware, Software And Networking
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