



EKLAVYA SCHOOL, JALANDHAR
Class XI Science
Half Yearly Syllabus for the Month Sept 2017

SUBJECT	SYLLABUS
ENGLISH	Reading Comprehensions Writing : 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) (b) Letters To The Editor (c) Application For a J ob With A Bio-Data Or Resumé (d) Letter To The School Or College Authorities, Regarding Admissions, School Issues, Requirements /Suitability Of Courses Article, Speech, Report Writing Grammar: Gap Filling, Sentence Re-ordering, Dialogue Completion And Sentence Transformation., Determiners, Tenses, Clauses, Modals And Change Of Voice, Error Correction, Editing Tasks, Literature: Hornbill-, Ch1 The Portrait Of A Lady, A Photograph (Poem), Ch2 We're Not Afraid To Die, Ch3 Discovering Tut, Ch4 Landscape Of The Soul) , Snapshot- Ch1 The Summer Of The Beautiful White Horse ,Ch2The Address, Ch4 Albert Einstein At School, Novel: Ch(1 – 6)
MATH	Ch1 Sets, Ch2 Relation and Functions, Ch3 Trigonometric Functions, Ch4 Principle of Mathematical induction, Ch5 Complex Numbers and Quadratic Equations, Ch6 Linear Inequalities, Ch7 Permutations and Combinations, Ch8 Binomial Theorem,Ch9 Sequence and Series, Ch10 Straight Lines
PHYSICS	Ch1- Physical World, Ch2-Units and Measurements, Ch3- Motion in a Straight line, Ch4-Motion in a Plane, Ch5-Laws of Motion, Ch6-Work, power and energy, Ch9-Mechanical Properties of Matter, Ch10-Mechanical Properties of Fluids, Ch11-Thermal Properties of Matter
CHEMISTRY	Ch1 Some Basic Concepts of Chemistry,Ch2 Structure of Atom, Ch3 Classification of Elements and Periodicity in Properties, Ch4 Chemical Bonding and Molecular Structure,Ch5 States of Matter, Ch8Redox Reactions,Ch9 Hydrogen, Ch10 The s-Block Elements, Ch14 Environmental Chemistry
BIOLOGY	Ch- 1 The Living World,Ch-2 Biological Classification, Ch-3 Plant Kingdom, Ch-4 Animal Kingdom, Ch-8 The Unit Of Life, Ch-9 Biomolecules, Ch-10 Cell Cycle & Cell Division
PHYSICAL EDUCATION	Ch1 Physical Fitness, Wellness And Lifestyle, Ch2 Changing Trends And Career In Physical Education, Ch3 Olympic Movement, Ch4 Physical education and sports for differently abled, Ch5 yoga, Ch6 Management Of Injuries