

DON BOSCO SCHOOL, NASHIK

SYLLABUS FOR JULY 2018 – 2019

CLASS – XII SCIENCE

SUBJECT	TOPIC / CHAPTER
<u>ENGLISH</u> A. LESSON B. WRITING SKILLS	a. A tale for many Cities b. Aamchi Mumbai and I c. Old Women d. 16 killed in Haridwar stampede e. A yawning divide f. A girl with an apple a. Letter writing b. Report writing
<u>INFORMATION TECHNOLOGY</u> A. PRACTICALS	a. Cyber Laws and Ethics b. E-commerce a. Image Mapping b. Use of Audio on Webpage. c. Use of Video on Webpage.
<u>PHYSICS</u> A. PRACTICALS	a. Electrostatics. b. Oscillations. c. Current electricity. a. Expt – Sonometer II. b. Expt – Resonance tube c. Expt – Surface tension of liquid d. Expt – Young's modulus e. Activity – Dissipation of energy in simple pendulum f. Activity – Factors affecting rate of fall of temperature. g. Activity – Use of polaroid
<u>CHEMISTRY</u> A. PRACTICALS	a. Chemical thermodynamics and energetics. b. Alcohols, phenols and ethers. c. Co-ordination compounds a. Detection of Acidic radicals. b. Detection of basic radicals
<u>MATHEMATICS AND STATISTICS</u> A. PRACTICALS	a. Applications Of Derivatives b. Trigonometric Functions a. Application Of Derivatives – Tangent & Normal b. Application Of Derivatives – Rate Measure & Approximations c. Application Of Derivatives – Rolle's Theorem and LMVT d. Application Of Derivatives – Maxima and Minima
<u>BIOLOGY</u> A. PRACTICAL	a. Reproduction in plant b. Reproduction in animals c. Organisms and Environment II a. To study T.S. of testis and Ovary through permanent slide b. To study V.S. of blastula through permanent slide c. To dissect flowers and display different floral whorls d. To dissect ovary to show no. of locules.

<u>E.V.S.</u>	<ul style="list-style-type: none">a. Our changing world.b. Geosphere and Biosphere.c. Seminar presentation
<u>P.T</u>	<ul style="list-style-type: none">a. Developmental exerciseb. Rotation and stretching exercisec. Personal healthd. Yogabhyas – Pranayam - Bhramari

