

**BAL BHARATI PUBLIC SCHOOL, ROHINI**  
**XII (SCIENCE ) CONTENT COVERAGE ONLINE CLASSES**

Subject & Subject Teacher	Time Period	Topics Covered	Link/Assignments to be uploaded on Google Classroom	Assesment to be Taken (Yes/No) (Quiz/Graded Test/Viva/Google Form/ Group Discussion)
<b>ENGLISH</b> Ms. Namrata	April'21	Literature- The Last Lesson Writing skills- Letter of Enquiry	1) video on importance of language. <a href="https://youtu.be/RKK7wGAYP6k">https://youtu.be/RKK7wGAYP6k</a> 2) google assignment on letter writing	Quizzex - last lesson and kahoot - letter writing. assignment- SATQ & LATQ on The last lesson.
<b>PHYSICS</b> Mr. Praveen Kapoor	April'21	Chapter-1: Electric Charges and Fields Electric Charges; Conservation of charge, Coulomb's law-force between two point charges, forces between multiple charges; superposition principle and continuous charge distribution. Electric field, electric field due to a point charge, electric field lines, electric dipole, electric field due to a dipole, torque on a dipole in uniform electric field. Electric flux, statement of Gauss's theorem and its applications to find field due to infinitely long straight wire, uniformly charged infinite plane sheet and uniformly charged thin spherical shell (field inside and outside). Chapter-2: Electrostatic Potential and Capacitance Electric potential, potential difference, electric potential due to a point charge, a dipole and system of charges; equipotential surfaces, electrical potential energy of a system of two point charges and of electric dipole in an electrostatic field. Conductors and insulators, free charges and bound charges inside a conductor. Dielectrics and electric polarisation, capacitors and capacitance, combination of capacitors in series and in parallel, capacitance of a parallel plate capacitor with and without dielectric medium between the plates, energy stored in a capacitor.	PPT on Potential and Capacitance <a href="https://drive.google.com/open?id=1kcsz2-8EnJkrieUa_r6Wq7UHTVbrKX&amp;authuser=0">https://drive.google.com/open?id=1kcsz2-8EnJkrieUa_r6Wq7UHTVbrKX&amp;authuser=0</a> <a href="https://www.pdffiles.in/sl-arora-physics-class-11th-and-12th-pdf-download/PLAYLIST%20(ELECTROSTATICS)">https://www.pdffiles.in/sl-arora-physics-class-11th-and-12th-pdf-download/PLAYLIST (ELECTROSTATICS)</a> - <a href="https://youtube.com/playlist?list=PLCWm8Bxm8UGCuQMj2D-HDxj3Cc162A0">https://youtube.com/playlist?list=PLCWm8Bxm8UGCuQMj2D-HDxj3Cc162A0</a>	Assessment through quizzes, viva and group discussion.
<b>CHEMISTRY</b> Ms. Monica Arora	April'21	Ch10: Haloalkane and Haloarene: IUPAC naming, Physical and chemical properties, Preparation, Types of chemical reactions shown Ch1: Solid state: Classification of solids, Unit cell, Packing efficiency, defects in solids, semiconductors Ch2: Solutions: Types of solutions, expressing the concentration of solutions	<a href="https://youtu.be/KIAqfRKCSDI">https://youtu.be/KIAqfRKCSDI</a> , <a href="https://youtu.be/nnrx4b4Cwef">https://youtu.be/nnrx4b4Cwef</a> , <a href="https://youtu.be/KKNfTr581PA">https://youtu.be/KKNfTr581PA</a> , <a href="https://youtu.be/kKQlPtOrBk">https://youtu.be/kKQlPtOrBk</a> , <a href="https://youtu.be/reLSyXc9iUs">https://youtu.be/reLSyXc9iUs</a> , <a href="https://youtu.be/RcG9e28g3eF">https://youtu.be/RcG9e28g3eF</a> , <a href="https://youtu.be/kZDUJuliaAWw">https://youtu.be/kZDUJuliaAWw</a>	Assessment will be done through both graded and non graded assignments in the form of google form, quizzes and worksheets.
<b>COMPUTER SCIENCE</b> Ms. Shikha Thakur	April'21	Database concepts: Database, DBMS, Relational database Database terminologies Keys: Primary key, foreign key, candidate key, alternate key MySQL: Introduction, Datatypes Categories of My Sql: DDL, DML, TCL Syntax of create table command Constraints	<a href="https://youtu.be/GUP3Z2PsktU">https://youtu.be/GUP3Z2PsktU</a> <a href="https://www.youtube.com/watch?v=UvqpQ3D2yCw">https://www.youtube.com/watch?v=UvqpQ3D2yCw</a>	Assessment will be done in the form of google form and Quiz
<b>MATHS</b> Ms. Pooja Chawla	April'21	Matrices and Determinants - Basic operations on matrices, adjoint and inverse of the matrix, Properties of determinants, area of a triangle, Solution of Linear equations Relation and Function - Types of relations, One-one and onto function Finding inverse of a function	<a href="https://youtu.be/DwQMAZPrilM">https://youtu.be/DwQMAZPrilM</a> <a href="https://youtu.be/1E1pf81ogw">https://youtu.be/1E1pf81ogw</a> <a href="https://youtu.be/7cxc7BjX8">https://youtu.be/7cxc7BjX8</a> <a href="https://youtu.be/256beXZxk4Q">https://youtu.be/256beXZxk4Q</a> <a href="https://youtu.be/uzMcMgcclH8">https://youtu.be/uzMcMgcclH8</a> <a href="https://youtu.be/dgVol02vss8">https://youtu.be/dgVol02vss8</a> <a href="https://youtu.be/CwKkyEZYy8">https://youtu.be/CwKkyEZYy8</a> <a href="https://youtu.be/pnyh7F4m9k">https://youtu.be/pnyh7F4m9k</a> <a href="https://youtu.be/I29y1z7FFRg">https://youtu.be/I29y1z7FFRg</a> <a href="https://youtu.be/3U5QOmluuYc">https://youtu.be/3U5QOmluuYc</a> <a href="https://youtu.be/LoHqixCNoKY">https://youtu.be/LoHqixCNoKY</a>	Assesment through google form, exit tickets quiz and group discussion
<b>BIOLOGY</b> Ms. Sarita	April'21	Principals of Inheritance and variation: Mendelian Inheritance, Post mendelian era of discoveries, chromosomal theory of inheritance Sex determination mechanism. Linkage and crossing over, Mendelian disorders, Molecular Basis of Inheritance : DNA as genetic material, experimental proofs and justifications.	<a href="https://youtu.be/agUgUjQ1pk">https://youtu.be/agUgUjQ1pk</a>	oral assessment will be taken both objective and subjective type questions will be asked.
<b>ECONOMICS</b> Ms. Poonam Mehra	April'21	1. CHAPTER 1 - Indian Economy at Independence 2. Macro Economics - National Income and related aggregates - Circular Flow, Basic Concepts	<a href="https://www.youtube.com/watch?v=D9wNcMsWnQI&amp;t=324s">https://www.youtube.com/watch?v=D9wNcMsWnQI&amp;t=324s</a> <a href="https://www.youtube.com/watch?v=ikwiVn43J5I">https://www.youtube.com/watch?v=ikwiVn43J5I</a> <a href="https://www.youtube.com/watch?v=m7w1KPXXuQ">https://www.youtube.com/watch?v=m7w1KPXXuQ</a> <a href="https://www.youtube.com/watch?v=m7w1KPXXuQ">https://www.youtube.com/watch?v=m7w1KPXXuQ</a> Self modified PPTs	Objective type Questions will be asked in the class to assess students' understanding. Quiz
<b>BIOLOGY</b> MS. RADHIKA	April'21	chapter-4 (psychological disorders- introduction, history, classification, factors, types of disorders)	<a href="https://youtu.be/O2SfhQNUj7A">https://youtu.be/O2SfhQNUj7A</a> ppt 1st and ppt 2nd posted at the google classroom	oral assessment will be taken both objective and subjective type questions will be asked.

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