



MONTHLY REPORT ON ONLINE LEARNING

CLASS : XII B

DATE: FROM 01 July 2021 TO 31 July 2021

Students of Class **XII B** attended online classes through the Hangouts Meet app as per the Time Table circulated and were provided the following worksheets, videos and online academic materials to enhance the learning outcome.

Subject & Subject Teacher	Topics Covered	Link / Assignments Uploaded On Google Classroom	Assessment Taken(Yes/No) (Quiz/Graded Test/Viva/Google Form/Group Discussion)	Mode Of Teaching & Additional Links Video/PPT Provided To Supplement The Teaching
ENGLISH Ms. Rumpa B	Writing Skills - Job Applications and Bio data. Literature - Poem - keeping Quiet by Pablo Neruda . Prose - The Rattrap by Selma Lagerlof Indigo by Louis Fischer .	Uploaded Assignments and questions in Google classroom .	https://drive.google.com/file/d/1Qx9oKFBxJfHrZCHdZT8kejZZ_0Y-dDUn/view?usp=sharing Students referred to the ppt and prepared MCQs highlighting critical thinking skills .	Discursive and explanatory. Students discussed on the effects of fear and how to overcome it through determination . This was done to enhance speaking and analytical skills . https://drive.google.com/file/d/1bxU3j4jlyxp1vL5QV6UKrTEjEd1f7efj/view?usp=sharing

<p>PHYSICS Ms. Rani V</p>	<p>Chapter–3: Current Electricity Wheatstone bridge, metre bridge(qualitative ideas only). Potentiometer - principle and its applications to measure potential difference and for comparing EMF of two cells; measurement of internal resistance of a cell</p> <p>Chapter–4: Moving Charges and Magnetism Concept of magnetic field, Oersted's experiment. Concept of magnetic field, Oersted's experiment. Biot - Savart law and its application to current carrying circular loop. force on a moving charge in uniform magnetic and electric fields.</p>	<p>MCQ based assignment on Chapter -3 : Current Electricity was given to students for practice . https://classroom.google.com/c/MzEyNzE4NTE5ODgy/a/Mzc0NzkzODg3OTI4/details .</p> <p>Latest termwise syllabus was shared on google Classroom . https://classroom.google.com/c/MzEyNzE4NTE5ODgy/m/Mzc0NzQ0NzEwODY5/details</p>	<p>Regular assessments of students were done by classroom discussions , viva , assignments etc .</p>	<p>Following links were used Following resources were shared with learners to have better understanding about the concept of Potentiometer and Meter Bridge https://www.youtube.com/watch?v=GvogWA3-W1w https://www.youtube.com/watch?v=PCGPGmtd3Ow</p>

	Force on a current-carrying conductor in a uniform magnetic field, force between two parallel current-carrying conductors-definition of ampere,			
CHEMISTRY Ms. Vibha Jain	Solution-Colligative Properties Lowering in Vapour Pressure, Depression in freezing point, Elevation in boiling point.Osmotic Pressure Electrochemistry- Electrochemical cell and Electrolytic cell.Nernst Equation, Equilibrium constant, Gibbs free energy. Molar conductivity, cell constant, Faraday's law of electrolysis .	https://classroom.google.com/c/MzEyNzE4NTE5ODgy/m/MzY4OTMwMjU3MzMw/details https://classroom.google.com/c/MzEyNzE4NTE5ODgy/m/MzcZNzg5NjgzMDY1/details	UT-2 will be taken in 2 August.All numericals in between the text solved unsolved and questions from back exercise we discussed during the chapters.	To understand the topic more comprehensively YouTube videos were shown. https://youtu.be/1VEICP7_GFI https://youtu.be/NlwhKecDqNQ https://youtu.be/5JSbWHH_kiM
PHY EDU Ms. Vidhi Oberoi	PHYSICAL EDUCATION AND SPORTS FOR CWSN DISABILITY AND DISORDERS ADHD, SPD ASD, ODD, OCD	https://classroom.google.com/c/MzEyMzcyNzY1NzEz/m/MzcwNDE5MTY1NTY5/details	Regular assessments of students done by classroom discussions , MCQ R1 Evaluation done & discussed. https://classroom.google.com/c/MzEyMzcyNzY1NzEz/m/MzcyOTM2NTM0ODE1/details	Use of Jamboard and Powerpoint Presentations https://classroom.google.com/c/MzEyMzcyNzY1NzEz/m/MzcyOTM3MjQzMTYw/details

<p>MATHEMATICS Ms. Anjali S</p>	<p>CONTINUITY AND DIFFERENTIABILITY</p> <ul style="list-style-type: none"> *Introduction to the topic of Continuity with reference to finding Limits *Continuity of a function at a point, in an interval *Concept of DIFFERENTIABILITY of a function at a point *Derivatives of functions using Product rule, Quotient rule, Chain rule *Derivatives of Implicit functions *Derivatives of Inverse Trigonometric functions *Derivatives of Parametric functions *Derivatives using logarithmic functions *Second derivatives 	<p>Assignment related to the topic Uploaded on Google classroom</p>	<p>YES Regular assessment of students is done by giving small class test and checking on the spot</p>	<p>Method of teaching is explanatory and use of real life situational problems to enhance the understanding of concepts Use of Whiteboard and Pen Tablet to help students in better understanding</p> <p>https://youtu.be/hlsmHdrFEis</p> <p>https://youtu.be/ti2L2DYBPD0</p> <p>https://youtu.be/vP_cMPqxxto</p> <p>https://youtu.be/8Kvg6BPokk0</p>
<p>BIOLOGY Ms. Amita G</p>	<p>Molecular Basis of Inheritance</p>	<p>https://classroom.google.com/c/MzEyNzE4NTE5ODgy/a/MzY4OTM3NjkxNTYx/details</p>	<p>YES Case Studies were presented by the students and the same were assessed.</p>	<p>https://classroom.google.com/c/MzEyNzE4NTE5ODgy/m/MzY5NTc2Nzc2Njc1/details https://bankofbiology-my.sharepoint.com/:b:/g/</p>

				personal/biomaster bank ofbiology onmicrosoft com/EZGEiiVIKiBGvjaDfXpbIKwBq5Z8E6Y0hRae2v6Xcp4jVg?e=aVyJzT https://bankofbiology-my.sharepoint.com/:b:/g/personal/biomaster_bankofbiology_onmicrosoft_com/ERUf_arSFQZCt0W9N3UVIB8BeyZQFyfaSnRto9eMr12l8g?e=encMiX
ENGINEERING GRAPHICS Mr. P. Sajwan	Bolts (Hexagonal, Square, Tee headed, Hook), Combination of hexagonal bolt, washer & square nut, Combination of hexagonal nut, washer & square bolt, single riveted lap joint	https://youtu.be/N5oC0fzhTuY https://www.youtube.com/watch?v=XqvA5XBoBHY		Using teaching aid, ebook and screen share mode
ECONOMICS ANITA PANDA	NATIONAL INCOME ACCOUNTING, MONEY AND BANKING	https://drive.google.com/file/d/1xZjXrrE0x7FlaL38j7L_GExJazdObAul/view?usp=drive_web&authuser=0 https://docs.google.com/document/d/1APXgxFUU9CLJkkDButLpX-Vf_b0k58Js/edit https://classroom.google.com/c/MzMxMDc5ODYzNDg5/a/MzE5MDMzODY4ODEy/details	Assessment was done through oral discussion and written questions based on numericals. Note making was advised. Discussion of assignment questions were done	https://www.youtube.com/watch?v=L_iCNzDe-s https://www.khanacademy.org/economics-finance-domain/old-macroeconomics/gdp-topic-old/gdp-components-tutorial/v/income-and-expenditure-views-of-gdp https://www.khanacademy.org/economics-finance-domain/old-macroeconomics/gdp-topic-old/gdp-components-

				tutorial/v/investment-and-consumption
PSYCHOLOGY Ms. Aditi Gaur	<p>Ch- Self and Personality- Humanistic Approach</p> <p>Assessment of Personality</p> <p>Self-report Measures</p> <p>Projective Techniques</p> <p>Behavioural Analysis</p> <p>Ch- 3 Meeting Life Challenges- Introduction</p> <p>Nature, Types and Sources of Stress</p> <p>Effects of Stress on Psychological Functioning and Health</p> <p>Examination Anxiety</p> <p>Stress and Health</p> <p>General Adaptation Syndrome</p> <p>Stress and Immune System</p> <p>Lifestyle</p> <p>Coping with Stress</p> <p>Stress Management Techniques</p> <p>Promoting Positive Health and Well-being</p> <p>Life Skills</p> <p>Resilience and Health</p>	<p>https://classroom.google.com/c/MzEyNzE4NTE5ODgy/a/MzY4MjQ5NTkyMjc2/details</p> <p>https://classroom.google.com/c/MzEyNzE4NTE5ODgy/a/MzczOTM4MDc1NjEx/details</p> <p>https://classroom.google.com/c/MzEyNzE4NTE5ODgy/a/MzY5NzUxNzQ5ODc5/details</p>	<p>Discussions are also held after completion of each topic and questions asked to check the understanding of students</p> <p>A quiz was conducted to revise the concepts of chapter 2 after completion of the chapter</p> <p>https://classroom.google.com/c/MzEyNzE4NTE5ODgy/a/MzcxMDAwMDc4NDQx/details</p>	<p>Powerpoint Presentation</p> <p>NCERT Textbook</p> <p>Discussions</p> <p>Guided Imagery demonstration</p> <p>https://www.youtube.com/watch?v=eYm9FkWQc0Q</p>

	Practical 1- Raven's Standard Progressive Matrices			
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