

## REPORT ON GOOGLE CLASSROOM

### CLASS : XII B

**DATE FROM 01 December 2020 TO 29 December 2020**

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
<b>ENGLISH</b> <b>Ms. Rumpa B</b>	Revision of Literature lessons and poems .  Sample papers / SQPs were discussed and solved in class .	Assignments and sample qps were uploaded and shared in Google Classroom .  Case Study exercises were also shared in Google Classroom .	Annual Examination held on 24.12.2020  Evaluation of Annual Exam papers in progress.	Discursive and interactive .
<b>PHYSICS</b> <b>Ms. Rani V</b>	<b>Lens makers formula, Optical Instruments, Wavefront , Huygen's Principle , Reflection and Refraction on the basis of wave theory ,</b>	Two revision tests based on current CBSE sample paper were uploaded on Google classroom in the form of Google form .	Oral questions, Discussion were used for assessing students .	Following YouTube video was used to supplement the teaching. Diffraction - <a href="https://youtu.be/aYkd_xSvaxE">https://youtu.be/aYkd_xSvaxE</a>

	<b>Interference of light , Diffraction.</b>	Two case studies were also shared in the form of Google classroom.		
<b>CHEMISTRY Ms. Vibha Jain</b>	Coordination Compounds;Werner's theory,nomenclature ,isomerism VBT, CFT revision of case studies for upcoming Annual Exams	Sample paper was discussed.	Chemistry exam was held on 28 December.	Evaluation for annual exam answer scripts is in progress.
<b>E.GRAPHICS Mr. Pradeep S</b>	Revision Topic : Isometric projection (Scale, solids, combination of solids)	<a href="https://www.youtube.com/watch?v=5GFvnofrKel&amp;list=PLDN15nk5uLiCxbM0dIIVDZ4i1IslzrT1W&amp;index=2">https://www.youtube.com/watch?v=5GFvnofrKel&amp;list=PLDN15nk5uLiCxbM0dIIVDZ4i1IslzrT1W&amp;index=2</a> <a href="https://www.youtube.com/watch?v=rQ8-Nv6lliQ&amp;list=PLDN15nk5uLiCxbM0dIIVDZ4i1IslzrT1W&amp;index=26">https://www.youtube.com/watch?v=rQ8-Nv6lliQ&amp;list=PLDN15nk5uLiCxbM0dIIVDZ4i1IslzrT1W&amp;index=26</a>	Assignment discussed based on previous year board question and sample paper	Ebook shared by using share mode
<b>MATHEMATICS Ms. Anjali S</b>	<b>PROBABILITY</b> Introduction to the topic, conditional probability, independent events, Bayes' Theorem and applications, Probability distribution <b>LINEAR PROGRAMMING</b> Solution for a system of inequalities and finding the optimum solution Revision assignments for the topics like Relations and Functions, Continuity and Differentiation	Sample paper issued by the CBSE was discussed Remedial classes were scheduled for the students having doubts in particular topics	Group Discussion and spot evaluation was undertaken Students were apprised of the importance of continuous revision and practice  <b>Annual exam was conducted on the 22nd of December</b>	NCERT Textbook Soft copy of the book  Following videos were shared about the concept  <a href="https://youtu.be/_ZT1PCTJNb0">https://youtu.be/_ZT1PCTJNb0</a>  <a href="https://youtu.be/8WcC5gLzKMU">https://youtu.be/8WcC5gLzKMU</a>  <a href="https://youtu.be/Zs-9d0hHO9o">https://youtu.be/Zs-9d0hHO9o</a>  <a href="https://youtu.be/_o4O6YSB87I">https://youtu.be/_o4O6YSB87I</a>

<b>BIOLOGY</b> <b>Ms. Amita G</b>	Biodiversity and its Conservation	<a href="https://classroom.google.com/c/NTc2NjQyMjlzMTNa/a/MjQ5MDCyMTU2ODY5/details">https://classroom.google.com/c/NTc2NjQyMjlzMTNa/a/MjQ5MDCyMTU2ODY5/details</a>	Chapter Wise Assignments were discussed in Class	<a href="https://classroom.google.com/c/NTc2NjQyMjlzMTNa/m/MjM3MjQzOTI3NzM4/details">https://classroom.google.com/c/NTc2NjQyMjlzMTNa/m/MjM3MjQzOTI3NzM4/details</a>
<b>ECONOMICS</b> <b>Ms. Anita P</b>	Development experiences of India: a comparison with neighbours	Sample paper issued by the CBSE was discussed Remedial classes were held for students who needed extra time for understanding.	Assignment and important questions were discussed	<a href="https://en.wikipedia.org/wiki/Demographics_of_China">https://en.wikipedia.org/wiki/Demographics_of_China</a> <a href="https://www.reddit.com/r/MapPorn/comments/eqzira/population_density_map_of_china/">https://www.reddit.com/r/MapPorn/comments/eqzira/population_density_map_of_china/</a> <a href="https://www.google.com/search?q=china+density+of+population&amp;source=lnms&amp;tbm=isch&amp;sa=X&amp;ved=2ahUKEwjVy62Nsb3tAhWd7XMBHTJHDr8Q_AUoAnoECBIQBA&amp;biw=1366&amp;bih=">https://www.google.com/search?q=china+density+of+population&amp;source=lnms&amp;tbm=isch&amp;sa=X&amp;ved=2ahUKEwjVy62Nsb3tAhWd7XMBHTJHDr8Q_AUoAnoECBIQBA&amp;biw=1366&amp;bih=</a>
<b>PSYCHOLOGY</b> <b>Ms. Aditi Gaur</b>	Chapter wise Revision & clarification of doubts for preparation of Annual Exam. Revision test assignments Annual Exam	<a href="https://classroom.google.com/c/NzM2Nzk2NDcxMjVa/a/MjQxNTE2ODM3NzM0/details">https://classroom.google.com/c/NzM2Nzk2NDcxMjVa/a/MjQxNTE2ODM3NzM0/details</a> <a href="https://classroom.google.com/c/NzM2Nzk2NDcxMjVa/a/MTczMzY1MTY2MDY5/details">https://classroom.google.com/c/NzM2Nzk2NDcxMjVa/a/MTczMzY1MTY2MDY5/details</a> <a href="https://classroom.google.com/c/NzM2Nzk2NDcxMjVa/a/MTcyNDQwMDY2MzE5">https://classroom.google.com/c/NzM2Nzk2NDcxMjVa/a/MTcyNDQwMDY2MzE5</a>	Revision tests were held to help students prepare for annual exams. Previous years sample papers and revised CBSE sample papers were discussed with students Annual Exam conducted on 21 December 2020	Explanation Discussion Sample papers Revision assignments Assignment booklet


# New Initiatives

## 1. COE Webinars


- a) The Principal **Ms Asha Prabhakar** and the Vice Principal, **Ms Anupama Motwani** were the resource people for a webinar titled **Art Integration as Experiential Learning**. It was held on 7th Dec.2020 and was very well attended by teachers from all over the country.
  
- b) **Ms Meetu Tripathi** (PGT, Computer Science) and **Ms Meenakshi Gulati** (TGT, Computer Science) were the resource people for a webinar titled **Cyber Safety and Security** held on 14th Dec,2020 wherein they made efforts to create awareness and understanding of Cyber activities.



2. On 11th Dec,2020, the Career Counselling Cell of the school held an informative webinar for the parents and the students of class XII on **Career Counselling: Career Choice**. The resource person for the same was **Mr Jitin Chawla** the Founder Director of Centre for Career Development located in Delhi.



**Bal Bharati**  
PUBLIC SCHOOL  
Sector-21, Noida



**Mr. Jitin Chawla** is the Founder Director of Centre for Career Development located in Delhi. He and his team have conducted more than 18000 workshops and 260 Career Fairs in Schools & Colleges.

*The Career Counselling Cell BBPS, Noida  
Cordially invites Parents and Students of  
Class XII to an informative webinar  
on **Career Counselling: Career Choice**  
by India's TOP Career Counsellor*

**Mr. Jitin Chawla**

11 December 2020 (Friday)

At 12:30 pm

Registration Link : <https://forms.gle/VStN7swBD9LXyVnE6>

3. The annual examinations for class XII, session 2020-21 in the offline medium commenced from 16th Dec,2020. Approximately 70% of the class strength decided to take the pen and paper exam, which speaks volumes about the confidence reposed in the school regarding safety standards, despite the COVID-19 threat.





# Awards & Achievements - Winning is a way of life at Bal Bharati

- **Eti Gupta(XII C)** will be representing Bal Bharati Public School, Noida at the Youth Forum, Switzerland's Global Changemakers Project as she has been selected among the India candidates to attend the prestigious forum.



- Our students have done exceptionally well at BRICSMATH, 2020. Their results have brought to fore the hard work and planning put into honing the young learners to perform well at the highest level. Our perfect scorers in the Online Mathematics Competition are-

**Sarwagya Prasad (XIIC), Arnav Gupta(XI A), Rohan Singh (XIA), Tanish Jain(XIA) and Harshita Ramrakhiyani(XIC). Creditable performance indeed!**

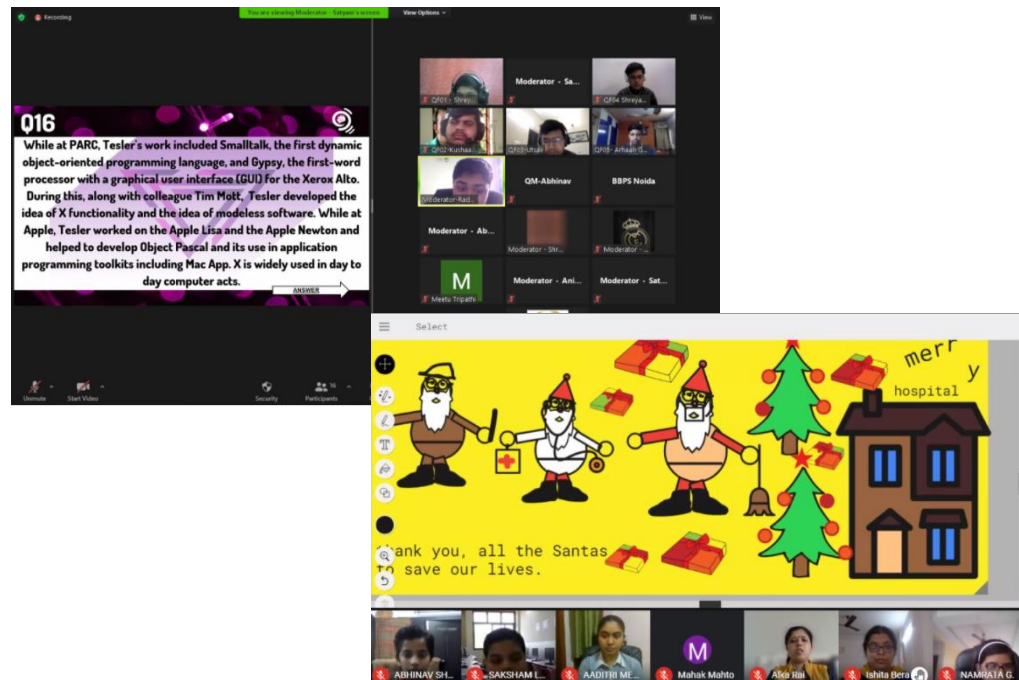




# Events & Celebrations:

1. The first online **AI/ML Inter School Fest, OXAMITE** was held on 21st and 22nd December, 2020. The fest was an amalgamation of technology and creativity with eight different events encompassing the vast field of Artificial intelligence aimed at technological brilliance.

The Valedictory function that culminated this brilliant event was held on 23rd Dec, 2020. It was live streamed on You Tube and circulated through all social media portals of the school.



## 2. Several special days were observed and celebrated in the month of December:

a) On the occasion of **World AIDS Day** (1st Dec.2020), the Health & Wellness Club hosted a webinar titled- 'You don't have to be positive to think positive' along with **Dr KK Agarwal**, Padamshree Awardee, President of Heart Care Foundation of India.



b) On 3rd Dec,2020 a Chat show/ Webinar was held on the occasion of **The International Day of People with Disabilities**. Special invitees and alumni of the school spoke glowingly about the thriving CFSI (Centre for Scholastic Integration) unit of the school.



International  
Day of  
**Persons with  
Disabilities**  
3 DECEMBER

c) **World Energy Conservation Day** was observed on Dec 14, 2020. The Principal reminded everyone of the dire need to conserve all energy resources, as the smallest unit of energy conserved by us will contribute to the brighter future of the generations to come.





d) On 22nd Dec, 2020, as a tribute to the Pride of the Nation, the great Indian Mathematician, Srinivasa Ramanujam Iyengar's 133rd birth anniversary was observed by releasing a Math e-magazine- **Mathoscope**, with the students and their parents through the social media portals of the school.

**Mathoscope**  
BAL BHARATI PUBLIC SCHOOL, NOIDA

**"Exploring pi is like exploring the universe"- David Chudnovsky**  
One of the most important numbers in our universe is the number  $\pi$ .  $\pi$  is the 16<sup>th</sup> letter of the Greek alphabet and is used to represent the most widely used mathematical constant. It's the ratio of the circumference of a circle to its diameter—a number just a little bit bigger than three. The constant helps us understand our universe with greater clarity. Its definition inspired a new notion of the measurement of angles, a new unit of measurement, and gave rise to many important insights into our physical world.

**Let's have some FUN with  $\pi$ !**  
**Pi Skylines**  
Students plotted the decimal expansion of pi on Bar graphs and thereby created beautiful skylines.

**Derivation of Pi**  
Students discovered the relation between the circumference and diameter of a circle and hence derived the approximate value of pi.

**Pi into artwork**  
Students created circular artwork by joining the decimal values of Pi written around the circle. They used threads, digital software, colors, and paper cutouts to create beautiful patterns inside the circle.

**Math is Everywhere II : PERCENTAGE**  
Sports is linked with algebra, geometry, arithmetic, decimal places and relativity. The teams have officials who collect data, take conditions into account and produce performance statistics which can be viewed to plan and optimize future training for the athletes.

**Dancers need to form shapes, angles and lines with their arms and legs. For this, they need to understand geometry as the steps should be properly visible.**

**How many characters make a Tweet? Earlier it was 140 but now it is 280!!!**  
Follow School Twitter Handle [Click To Follow](#)

**Math 'o' Art**  
Art - integrated education was firmly embedded in the classroom transactions not only for creating joyful classrooms, but also for imbuing the Indian ethos through integration of Indian Art and Culture in the teaching and learning process at every level. Art Integrated approach will eventually strengthen the linkages between Education and Culture in the long run.

**Class VI**  
A Collage of famous architectures of Arunachal Pradesh, Meghalaya & Uttar Pradesh with the lines of symmetry of each monument was prepared.

**Class VIII**  
Bamboo-Bridge: North-East India has few of the most unique bridges in India, made of ropes, bamboos and living roots such as Hanging Bridge in Arunachal Pradesh, Bamboo Bridge in Mizoram and Living Root Bridge of Meghalaya. The engineers that design the bridges, use a lot of math in order to find the dimensions and to make them.

**Class IX**  
Mathematics in Textiles: Students explored the shapes and artistic textile patterns of the tribes of Arunachal Pradesh and Meghalaya.

**Class X**  
Khimeng Embroidery: An ancient craft of Meghalaya. Students explored the weaving technology and identified the mathematical shapes and lines of symmetry involved in the art form.

**Class VII**  
The students explored the beauty of symmetry in Bamboo Architecture of Arunachal Pradesh and Meghalaya. In these pictures, they identified mathematical shapes and lines of symmetry involved in architecture.

**Class IX**  
Vaishnavi Verma (BC)  
Click on the Icon Below to follow us On Instagram!

Mathoscope | Page 1

# Important circular

- Annual Exam Datesheet - XII



## ANNUAL EXAMINATION (CLASS XII) SESSION- 2020

The school will be holding Annual Examination for the class XII students in the pen paper mode so as to ensure their preparedness for the Board Examination to be held in 2021.

DATE	DAY	SUBJECTS	SECTIONS	NO. OF STUDENTS	ROOMS ALLOTTED
16.12.2020	WEDNESDAY	POLITICAL SCIENCE	D	33	IX - A, B, C (11 Students in each room)
17.12.2020	THURSDAY	BUSINESS STUDIES	C	47	IX - A, B, C, D (12 Students in each room)
21.12.2020	MONDAY	HOME SCIENCE PSYCHOLOGY	D B,D	10 25	IX - D (10 Students in each room) IX - A, B, C (10 Students in each room)
22.12.2020	TUESDAY	MATHS (2 Shifts)	A, B, C, D	105	<b>1<sup>st</sup> shift For Sec A and B</b> IX - A, B, C, D X - A, B (11 Students in each room) <b>2<sup>nd</sup> shift For Sec C and D</b> VI - A, B, C, D (10 Students in each room)
23.12.2020	WEDNESDAY	PHYSICAL EDUCATION	B, C, D	14	IX - A, B (7 Students in each room)
24.12.2020	THURSDAY	ENGLISH (2 Shifts)	A, B, C, D	157	<b>1<sup>st</sup> shift For Sec A and B</b> IX - A, B, C, D X - A, B, C (10 Students in each room) <b>2<sup>nd</sup> shift For Sec C and D</b> VI - A, B, C, D VII - A, B, C, D (10 Students in each room)
28.12.2020	MONDAY	CHEMISTRY	A, B	77	IX - A, B, C, D (11 Students in each room)
29.12.2020	TUESDAY	LEGAL STUDIES ENTREPRENEURSHIP	C, D C, D	22 18	IX - A, B, C, D (10 Students in each room)
04.01.2021	MONDAY	PHYSICS	A, B	77	IX - A, B, C, D (11 Students in each room)
05.01.2021	TUESDAY	HISTORY ACCOUNTS	C, D C, D	07 47	IX - A, B, C, D (11 Students in each room)
07.01.2021	THURSDAY	COMPUTER SCIENCE	A	37	IX - A, B, C, D (10 Students in each room)
08.01.2021	FRIDAY	EG /BIO/ PRINTING/HINDI	B,D	17 (BIO) 18 (EG) 12 (HINDI)	IX - A, B, C, D (10 Students in each room)
11.01.2021	MONDAY	ECONOMICS	B, C, D	60	IX - A, B, C, D (10 Students in each room)

### NOTE:

- The Annual Examination will be held in the Pen and Paper Mode in the school premises.

### Examination Timing :

1 <sup>st</sup> shift	2 <sup>nd</sup> shift
Timings : 09:15am - 12.30pm	Timings : 10:15am - 01.30pm
Duration : 03 Hrs 15 min.	Duration : 03 Hrs 15 min.
Mode of Exam : Offline (Pen and Paper)	Mode of Exam : Offline (Pen and Paper)
Maximum Marks : As per CBSE Blueprint	Maximum Marks : As per CBSE Blueprint

- All students are to report to school on their own, 15 Min. before the commencement of the examination.
- Parents are to make arrangement for pickup of their wards immediately after the exam is over.
- Students must maintain the Pandemic Protocol, must carry Sanitizers and wear a mask. No entry without mask.
- Doubt session of 02 hours duration will be conducted by the respective Subject teachers one day prior to the day of exam. Timings will be notified by the respective subject teachers.
- Blueprint of each paper for all classes has been shared in respective broadcast groups.
- The decision to appear for the offline examination is purely voluntary.

Dated : 15 Dec, 2020

Anupama Motwani  
Vice Principal

Asha Prabhakar  
Principal

