

REPORT ON GOOGLE CLASSROOM

CLASS : XII A

DATE FROM 01 December 2020 TO 29 December 2020

Students of Class **XII A** 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. Rachna S	Revision Exercises from Literature, Writing Skills and Case Studies. Offline Exam held on 24th Dec,2020.	https://classroom.google.com/c/NTc2MDkzMzkyNjda/m/MjlwMjlzMzA2MDY0/details https://classroom.google.com/c/NTc2MDkzMzkyNjda/m/MjlwMjlzMzA2MDEw/details https://classroom.google.com/c/NTc2MDkzMzkyNjda/m/MjQ4MjgxOTc4NzI3/details	Regular class interaction and written practice to gauge the comprehension and preparation level of the students. -----	Answers were given there and then and their doubts cleared to enhance the preparation level of the students, -----

		-----	Evaluation for the Annual exam in progress	
PHYSICS Ms Swati Chawla	Ray Optics : Optical Instruments Wave Optics: Wavefront, Huygen's principal and laws of reflection & refraction, Principal of superposition, Interference, Young's double slit experiment, Diffraction: Diffraction through a single slit, Polarisation Revision.	https://classroom.google.com/w/NTc2MDkzMzkyNjda/tc/NTc1OTk1MjEzNzZa https://docs.google.com/forms/d/e/1FAIpQLSfbUXNQx_FWIK02yU5cRQisrO15mRWD9S56zdcrbZJccTGsIA/viewform https://classroom.google.com/w/NTc2MDkzMzkyNjda/tc/NTc1OTk1MjEzNzZa	Oral assessment during online class. Interactive discussions were held to check the understanding of the concepts taught and doubts were clarified (if any) Physics annual exam will be held on 04-01-2021.	PPT, Notes and NCERT through screen presentation and white board teaching. https://classroom.google.com/c/NTc2MDkzMzkyNjda/m/MjM3MzQyMzQxMDg2/details https://classroom.google.com/w/NTc2MDkzMzkyNjda/tc/NTc1OTk1MjEzNzZa
CHEMISTRY Ms. Vibha Jain	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.

COMPUTER SC. Ms. Meetu T	Computer Networking SQL Data File Handling Revision	CBSE Sample Papers Practice questions Computer networking SQL Data File Handling	Class Tests taken on the topics Python Revision Data File Handling Text File and Binary Files	Doubt Clearing Sessions Previous Year Sample Papers done in the class.
MATHEMATICS Mr. Sanjay Dua	Discussed three dimensional geometry; probability and linear programming. Discussed Case study for annual exam. Discussed model paper issued by CBSE	MODEL SAMPLE PAPERS	Doubt clearing sessions were taken	<ul style="list-style-type: none"> ● Pen tablet and microsoft white board used. ● Online sample paper discussed.

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-

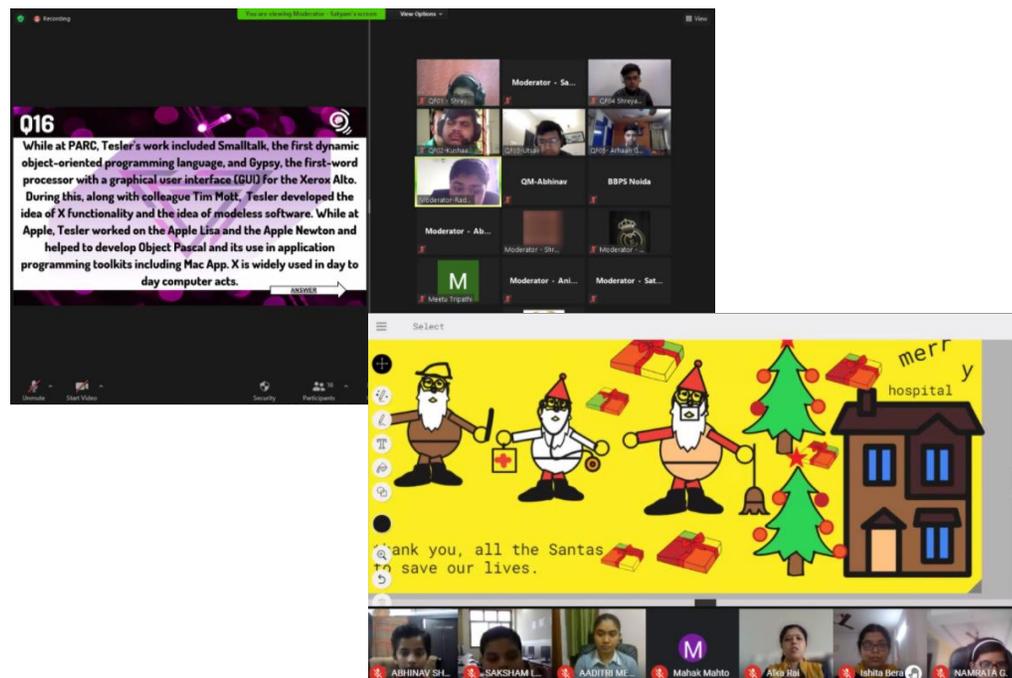
Sarwagya Prasad (XIIC), Arnav Gupta(XI A), Rohan Singh (XIA), Tanish Jain(XIA) and Harshita Ramrakhiyani(XIC). Creditable performance indeed!



Events & Celebrations:

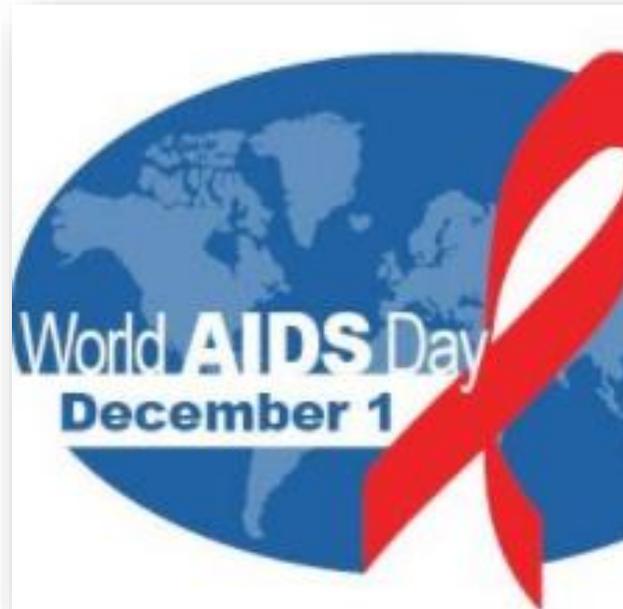
1. The first online **AI/ML Inter School Fest, OXAMITE** was held on 21st and 22nd December, 2020. The fest was an amalgamation of technology and creativity with eight different events encompassing the vast field of Artificial intelligence aimed at technological brilliance.

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 π . π is the 16th 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 π !
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.

Do you know pi inspired a national holiday in the USA thousands of years after its discovery? It all started with a physicist, tinkerer, and media specialist Larry Shaw. On 14th of March 1988, he gathered at a retreat along with his staff in Monterey, California, to soul search and brainstorm. It was there that Shaw linked March 14 (3.14) with the digits of pi (3.14159...), seeing it as an extraordinary opportunity to bring staff together. And that is how Pi Day was born. March 14, the annual celebration of a never-ending number is also celebrated as Albert Einstein's birthday.

Mathoscope | Page 1

Integrating Math to Daily Life
Across all cultures, we use the principles of mathematics to help us with every. From playing games to baking cookies, we use the language of mathematics every. This universal language of numbers connects all of us, human beings.

MATH IS EVERYWHERE !! PERCENTAGE
When you are shopping you use percentages to compare prices. When you are cooking you use percentages to measure ingredients. When you are playing sports you use percentages to track performance.

Geometry in Sports
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](#)

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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
Khmer Embroidery: An ancient craft of Meghalaya. Students explored the weaving technology and identified the mathematical concepts involved in the art form.

Class VII
The students explored the beauty of symmetry in Bamboo Architecture of Arunachal Pradesh and Meghalaya. In those 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!

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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	1st shift For Sec A and B IX - A, B, C, D X - A, B (11 Students in each room) 2nd shift For Sec C and D 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	1st shift For Sec A and B IX - A, B, C, D X - A, B, C (10 Students in each room) 2nd shift For Sec C and D 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 :

1st shift

Timings : 09:15am - 12.30pm
Duration : 03 Hrs 15 min.
Mode of Exam : Offline (Pen and Paper)
Maximum Marks : As per CBSE Blueprint

2nd shift

Timings : 10:15am - 01.30pm
Duration : 03 Hrs 15 min.
Mode of Exam : Offline (Pen and Paper)
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

