ATL-IT Communique

Our Guiding Light...

Principal's message

From the Principal's Desk

Realizing the need to create scientific temperament and cultivate the spirit of curiosity and innovation among young minds, Atal Innovation Mission proposed to support the establishment of a network of Atal Tinkering Laboratories (ATL). Bal Bharati Public School, Pitampura was selected for this grant in January 2018 and the ATL became functional in our school from September 2018. We at Bal Bharati have always intended to foster curiosity, creativity, and imagination in young minds and inculcate skills such as design mindset, computational thinking and so on which has now become all the more imperative and relevant as we drift from '*normal*' to the '*new normal*'.

My heart swells with pride as I reflect upon the umpteen accomplishments of our students in various competitions and projects undertaken by them under this banner. Our students traversed all the boundaries and used this platform to exploit their potential, exhibit their skills and talent by excelling in almost all the activities and projects undertaken by them. The activities included in this project have paved a way for the logical and technical advancement of their mental faculties. Through this e-newsletter we take you on a virtual tour of the areas of technical enhancement of our staff and students who have taken a big leap to keep themselves abreast with the changing times. Even though this year of pandemic has taken us through trying times, it cannot be denied that it has been a harbinger of new avenues and possibilities in the world of education for both students and teachers. The entire year has been a saga of accomplishments, awards and accolades. Setting up of ATL has been a milestone and I look forward to more such opportunities in the years to come as said by Brooke Griffin, **"We can continuously improve who we are and what we are capable of achieving. Each challenge is an opportunity to grow stronger."**

Ms. Meenu Goswami

(Principal)

MICROSOFT INNOVATIVE EDUCATOR EXPERTS

MS. MEENU GOSWAMI
PRINCIPAL

MS. SONIA CHHABRA
VICE PRINCIPAL
ACADEMICS

MS. LOVELEEN KAPOOR
VICE PRINCIPAL
ADMINISTRATIVE

MS. KAVITA DHAR
HM SENIOR

MS. POONAM TYAGI
HM MONTESSORI

MS. KAJAL SACHDEVA
HM PRIMARY

THE BIG IMPACT

Atal Innovation Mission, Niti Aayog, Govt. of India, invited entries for the ATL Marathon 2020 in the month of March & April 2021. Around 10,000 teams from all over the country participated in this mega event. Our proudest moment was when our Principal, **Ms. Meenu Goswami** was felicitated by Atal Innovation Mission for guiding and encouraging the ATL community of Bal Bharati Public School, Pitampura, to submit more than 25 innovations in the marathon.

Atal Bihari Vajpayee Titans of Technology Award was conferred upon our school in May 2021 by Rethink India in The Technology Forum 2021 for joining the futuristic community of India's Empowering Schools.

Bal Bharati Public School, Pitampura is amongst 40 schools in India which have been selected **for ATL BAYER EnPower Programme**. Under this year-long program, our students will be provided access to a digital platform where they can learn about robotics, 3D printing, AI, Design thinking, Entrepreneurship and so on. In addition to this our thirteen teachers have been enrolled for this program to provide mentorship to students.

Our school has once again become **a MICROSOFT SHOWCASE SCHOOL (2021-22)**. This year we have a total of 43 Microsoft Innovative Educator Experts as compared to the last year's 25 MIEEs. They are self-driven educators who inspire students with creative thinking and work with a collaborative spirit to share their learning with the world. They are highly resourceful and entrepreneurial and work to achieve excellence in education using Microsoft technology paired with innovative teaching.

Techno Torch Bearers

Ms.Namrata Alwadhi

Ms. Namrata Alwadhi has successfully completed a certificate course on Ethics and Leadership in Technology & Innovation organized by AIM and The Global Education & Leadership Foundation for Atal Tinkering Lab. held from 1st to 26th February 2021 . She has also completed a certificate course on 'Augmented Reality' organized jointly by Facebook and CBSE.

Ms.Beena.S.Nair

Ms. Beena S. Nair, HOD Computer Science Dept., completed the Microsoft Technology Associate Certification Course. This is a certification that validates fundamental technology skills and knowledge in Microsoft Products. She is also a Minecraft Certified Educator.

Ms.Preeti Khanna

Ms. Preeti Khanna cleared the Microsoft Certified Educator Exam and earned the badge for the same. This certification is based on the 21CLD and Innovative Teaching & Learning Research which provides a set of rubrics for educators to identify and create learning opportunities for students to build 21st Century Skills. She has also successfully completed the Wakelet Certified Course from ADOBE Learning and is a Wakelet Certified Educator in addition to Minecraft Certified Educator.

Ms.Suchita Joon

Ms. Suchita Joon has successfully completed a Professional Development Course from ADOBE on how to cultivate the four essential skills of Creativity, Communication, Critical Thinking, and Collaboration among students. She has also successfully completed the Wakelet Certified Course from ADOBE Learning and is a Wakelet Certified Educator. She has also earned the Minecraft Certified Educator Badge and Flipgrid Certified Educator Level 1 Badge from Microsoft .

Ms.Tanu Jain

Ms. Tanu Jain qualified the Microsoft Certified Educator Exam and got the badge for the same. This certification is based on the 21CLD and Innovative Teaching & Learning Research. She also earned the Minecraft Educator and Flipgrid Certified Educator Level 1 Badge from Microsoft.

Techno Torch Bearers

'INNOVATION AMBASSADOR PROGRAM'

CBSE in collaboration with the Ministry of Education's Innovation Cell and AICTE is conducting an online program called 'Innovation Ambassador Program'. In this program, five teachers from each school are being trained on the Design Thinking & Innovation, Idea generation, Intellectual Property Rights and Product / Prototype Development.

The teachers participating from our school are:

Ms. Namrata Alwadhi, Ms. Beena Nair,
Ms. Preeti Khanna, Ms. Neelam Malik,
Ms. Anjani Sareen
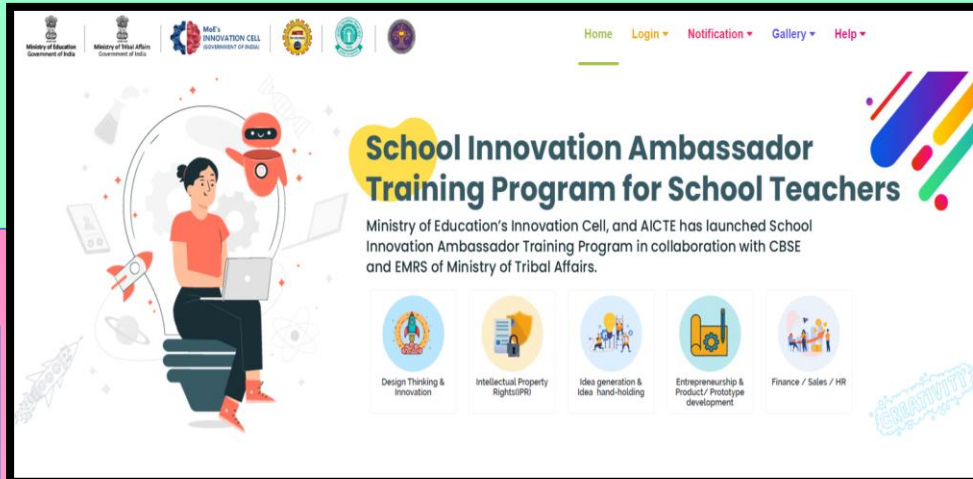
ARTIFICIAL INTELLIGENCE FOR ALL

A number of teachers from our school participated and earned badges and certificates in the AI for All Program conducted by CBSE and Intel.

School Innovation Ambassador Training Program for School Teachers

Ministry of Education's Innovation Cell, and AICTE has launched School Innovation Ambassador Training Program in collaboration with CBSE and EMRS of Ministry of Tribal Affairs.

All the teachers of Computer Department along with 27 teachers of Middle and Secondary Department have completed the 15-day's Plezmo App. Development Course and received certificates of appreciation for the same.

Many teachers of our school have undertaken the Adobe Creativity for All Course and submitted an online assignment on Adobe Spark. They received the Adobe Creative Educator Level 1& 2 Badge.

KAMI CERTIFIED EDUCATORS

Ms.Preet Kamal & Ms.Rita Kohli

AWS Young Builders Challenge Mentor.

Ms.Mona.S.Gupta
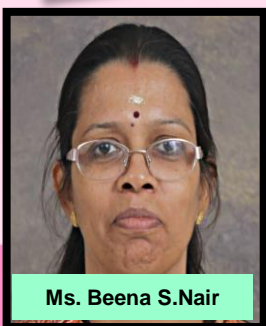
Ms. Beena S.Nair

Ms. Preeti Khanna

Ms. Suchita Joon

Ms. Karishma Kapur
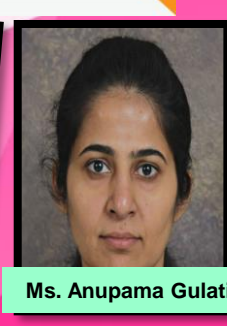
Ms. Anupama Gulati
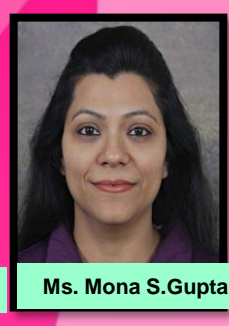
Ms. Mona S.Gupta

IT FACULTY

MINECRAFT CERTIFIED EDUCATORS

Ms. Preet Kamal

Ms. Rita Kohli

Ms. Navneet Malhotra

Ms. Tanu Jain

TECH PANDAS

ANSHUL MAHAJAN
WINNER: UNIVERSITY OF
TORONTO AWARD AT
IRIS 2020-21

Anshul Mahajan of class XII received the University of Toronto Special Award at the prestigious Initiative for Research and Innovation at STEM (IRIS) National Fair 2020-21 on 2nd April 2021 for his research project on Generative Adversarial Networks and MRI scans. He was offered a full scholarship to participate in the Global Engineering Challenge organised by the University of Toronto, Faculty of Applied Sciences and Engineering.

Saesha Kapur of class IX won the Award in Non-Local Category and received a cash prize of 200 US$ on 15th June 2021 in a Scratch Code Challenge in association with Microsoft organized by Discovery Museum of Nevada, USA.

Saesha Kapur

Our school team comprising of **Suhan Grover** and **Parth Khurana** of class VIII participated in ATL Marathon 2020. Their Innovation- **'Digicyber Exams'** has been shortlisted among the top 300 innovations out of the 7200 teams who had participated in the event from all over the country. Their idea is to develop a software which will allow students to take online exams from home without any scope of cheating. The AI based software will prohibit the examinees from switching screens, thereby eliminating all scope of cheating in online mode.

Suhan Grover   Parth Khurana

'Innovation in Science Pursuit for Inspired Research' (INSPIRE) scheme is one of the flagship programmes of the Department of Science and Technology (DST), Government of India. The INSPIRE MANAK (Million Minds Augmenting National Aspirations and Knowledge) Award aims to motivate students in the age group of 10-15 years with an objective to target one million original ideas/innovations rooted in science and societal applications to foster a culture of creativity and innovative thinking among school children.

Rohan Joneja (class VIII) and **Aaditya Jindal** (class X) have been selected for the prestigious **Inspire Manak Award** for their projects on 'Safe Emergency Exit' and EROS (Emergency Response Operating system) respectively. They will receive a grant of Rs. 10,000 each for creating a prototype of their innovative ideas and will exhibit their work at the district level exhibition to be held shortly.

ROHAN JONEJA

AADITYA JINDAL

Prathi Nidheesh R Gupta

Prathi Nidheesh R Gupta of class V received the 'Certified Full Stock Developer' title with – Core Programming Skills, Design Thinking & Advanced AI App. Development Skills from White Hat Jr.

Our emerging Heros

Madhav Dhingra, a student of class VIII made the school proud with his acting prowess. He recently shot an advertisement for Digi Health App. commercial with the seasoned television and film actor Shivaji Satam (best known for his role of ACP Pradyuman in the popular TV series C.I.D)

Madhav Dhingra

TECH PANDAS

Aryan Verma of class VII won the 'Best Digital Presentation Award' (pan India) in the Virtual Science Fair hosted by Bridge Intelia. The project was based on the theme 'Biodiversity'. It was shortlisted out of thousands of innovations.

Ten students from classes VII-IX collaborated with The Lakshmi Mittal South Asia Institute, Harvard University for **Soft Robotics Toolkit Programme.** Four videos depicting their work were shown at the Closing Ceremony of the programme held on 23rd June 2021 and were highly appreciated.

Ms. Alka Verma and **Ms. Anjani Sareen** were awarded a gift voucher of Rs. 13,300 each as a token of appreciation for successfully collaborating with them for the project.
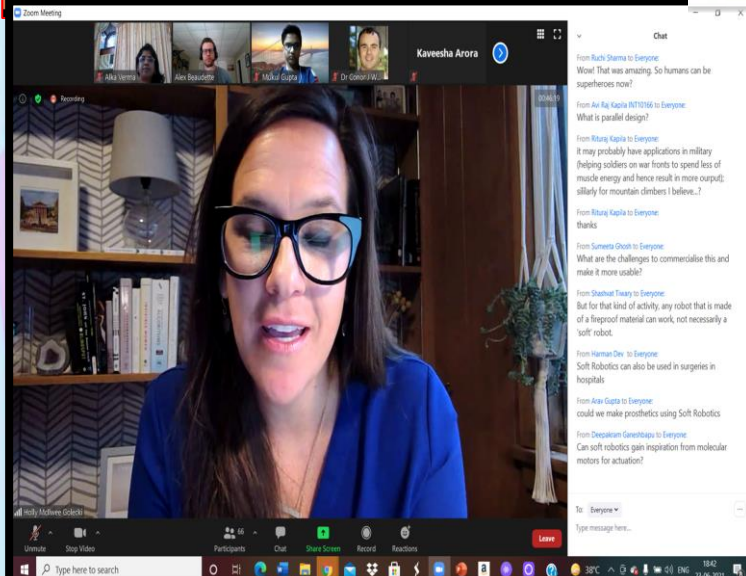
Kaveesha Arora

Kaveesha Arora of class VIII was awarded for **Best Overall Achievement** in **Concept Presentation, Engineering Design and Execution.**

The Ministry of Education (MoE) along with Atal Innovation Mission, NITI Aayog conducted 'Virtual event on Assistive Technology Innovations for Inclusive Education' on 17th Jan. 2022.The event focused on the start-ups and innovations that enhance and aid the learning of children with special needs such as assistive technology, remedial teaching technology and so on. Satyam Ohlan of class XI represented his **project Sign Language Translator** in front of a distinguished panel of officials from the Ministry of Education.

Satyam Ohlan
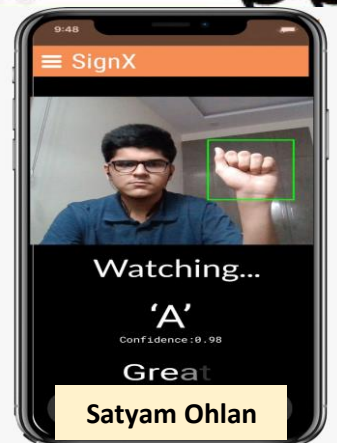
Six students (2 each from classes VIII, IX and X) were selected for a 15-days **AI Readiness Bootcamp** organised by AI for Youth, an initiative by CBSE-Intel from 11th to 27th August 2021. The students were selected after a rigorous process of an All India level. The students learnt complex concepts of AI in this bootcamp.

TECH PANDAS

Our school was acclaimed as one of the Top 100 institutes in the **AWS Young Builders Challenge** 2021, held at the National Level. Aayan Sardana of class VIII received AWS branded goodies and an Amazon voucher worth ₹5000 for an App. created by him.

CONGRATULATIONS TO
AAYAN SARDANA
for finishing in the Top 100 Schools category in the AWS Young Builders Challenge 2021.

The Ingenious Tinkerers
TOP INNOVATIONS OF ATL MARATHON 2019-20

AIM - NITI Aayog has launched its **Coffee Table Book** portraying the journey of top 50 teams of ATL MARATHON 2019. We are proud to announce that two of our TOP 20 ATL MARATHON 2019 teams have featured in this coffee book. The names of our teams are BYTEX and Soundware. These stories have brought recognition to our young innovators.

Shanjan Makkar

Ashima Arora

Parth Khurana and Suhan Grover of Bal Bharati Public School Pitampura successfully completed ATL Student Internship Program organized by IBM as they secured a position among top 100 teams of ATL Marathon 2020. The team of Parth Khurana and Suhan Grover was selected for a two-week Industry Internship Program with IBM from 18th - 31st October 2021.

TECH PANDAS

ATL TINKERFEST RESULTS

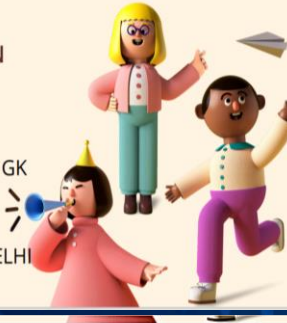NITI Aayog — ATAL INNOVATION MISSION

Bal Bharati PUBLIC SCHOOL Pitampura

ATL HACKATHON

ATL HACKATHON
1ST PLACE
ARMAAN TOKAS
KRM WORLD SCHOOL, GK
AND
SANCHAK GARG
BBPS PITAMPURA DELHI

ATL HACKATHON
2ND PLACE
BHAVNOOR SINGH
BBPS DWARKA

ATL HACKATHON
3RD PLACE
AADITYA RAI
CHINMAYA VIDYALAYA

ATL 3D DESIGN

ATL 3 D DESIGN
1ST PLACE
SONIT MALHOTRA
BBPS ROHINI

ATL 3 D DESIGN
2ND PLACE
PRAKHAR SHARMA
MAXFORT SCHOOL
PITAMPURA

ATL 3 D DESIGN
3RD PLACE
INDERJOT SINGH GILL
BBPS ,LUDHIANA

SCRATCH_GAME DESIGNING

PAINT 3D-SAFARI WORLD

HARJAS JUNEJA –V G

Max a very healthy boy. — Mark a very unhealthy boy.

Score: 11 Lives: 2 — Look Out For The Golden Fruit, The Immunity Booster

UAE

GAURANSH JAMINI –V D

Football trials

E-FACE-MAGAZINE COVER-ON CANVA

VRITTI GUPTA –V E

KOCHI | KOZHIKODE | ALAPPUZHA November 21 Issue

LOGO DESIGINING-75 YEARS OF INDEPENDENCE

INFINITY & BEYOND_POWERPOINT

RYAN –V D

"Celebrating 75" Year of India Independence"

नयी दिशा

AARVI MALIK –V F

PATHWAY TO BEING A GLOBAL CITIZEN
FOLLOWING OUR UNIQUE INDIAN PHILOSOPHIES

75

SMART MOVES

In the hybrid classroom, we have a treasure of resources that can assist in making our teaching and learning experiences authentic and enticing to the children. These resources also include Virtual Tours. With an aim to deepen their knowledge and make teaching-learning process more life-like and interesting, students are taken on these virtual tours related to their lessons in all subjects.
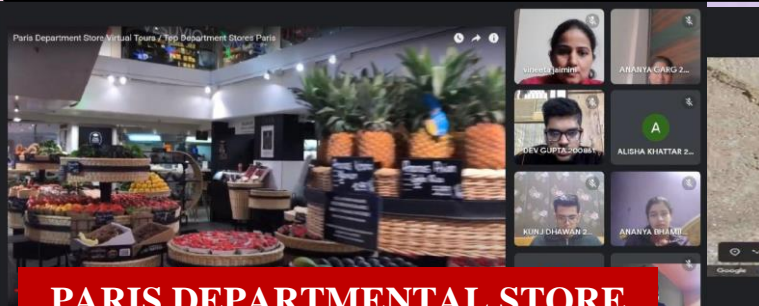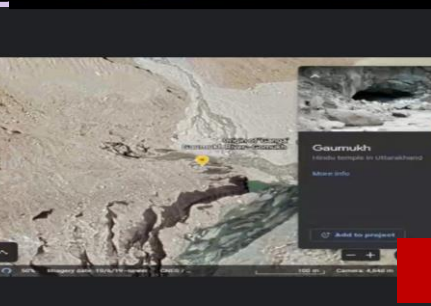
OMAN

RBI MUSEUM

PARIS DEPARTMENTAL STORE

GAUMUKH

NIMHANS

TRIP TO LONDON

COORG
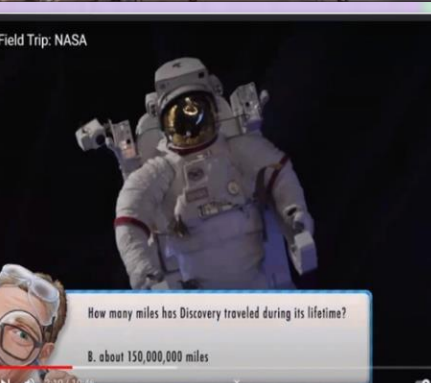
NASA
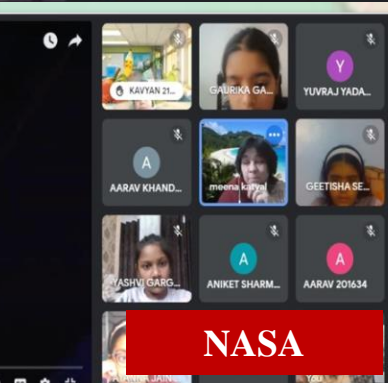
GOOGLE HEADQUARTERS

IRON BRIDGE SHROPSHIRE, UK
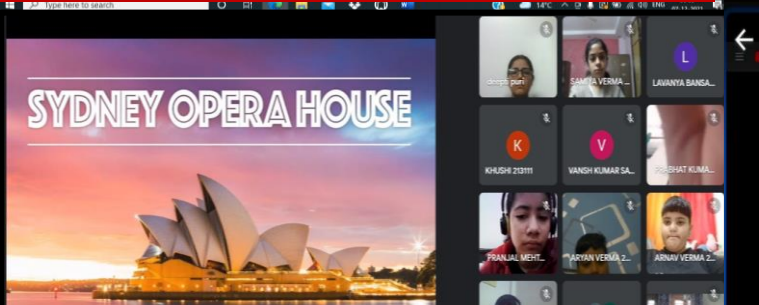
SYDNEY OPERA HOUSE : AUSTRALIA

RASHTRAPATI BHAWAN
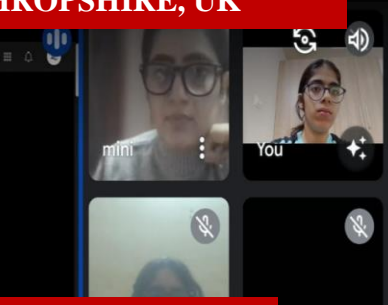
OPULENT MOMENTS

Assemblies are always an important and integral part of a school life. During the lockdown, virtual assemblies and newsreels helped students remain tethered to the real world. While getting the feel of being a part of normal school life, virtual assemblies also gave them a platform to upgrade their technical skills as these assemblies were prepared exclusively by the students for all classes on a weekly basis.

NEWS REELS

Class Assembly Of 6C

VIRTUAL ASSEMBLIES
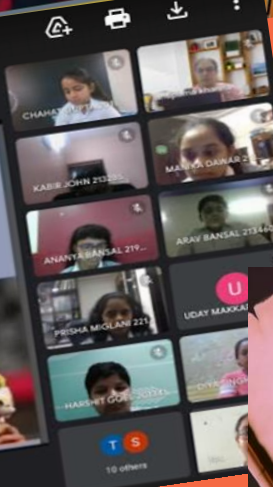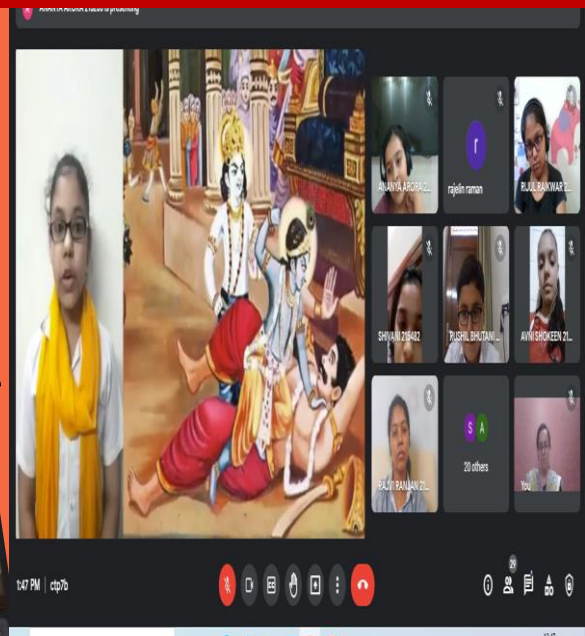
INTERSTATE COLLABORATION

ONLINE CELEBRATIONS

THE GREEN TECH

THE SCHOOL CONNEXION

The digital newsletter of the school - *The School Connexion* was released in four parts on several digital platforms (WhatsApp groups, school website, official Facebook and Instagram page of the school) in April 2021. The newsletter was a compendium of the activities and achievements of all departments during the previous quarter.

VIRTUAL BOOK FAIRS
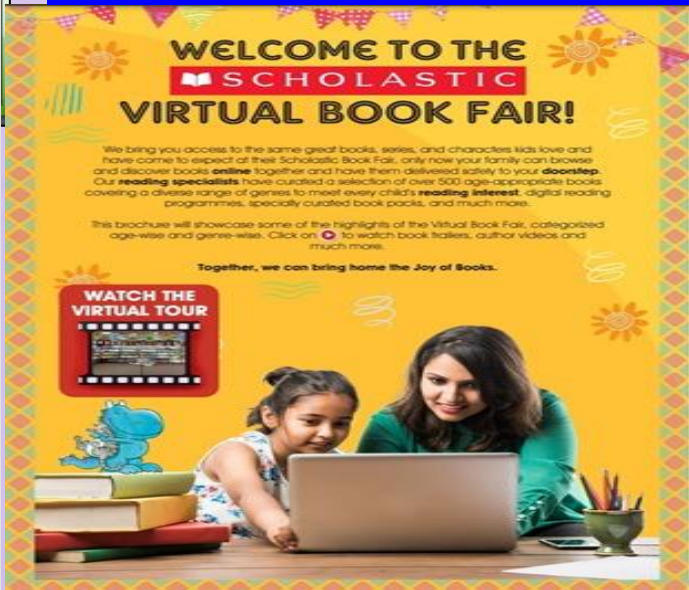
During Summer Vacation all the students were given an access to the Digital Library so that they could read books on their tablet, PC or smartphone. This initiative was highly appreciated by parents. Also, various activities are organized on a regular basis to keep the students connected to the world of books and to motivate them to read more. Some of these are:

- **Online Library Classes**
- **Story Telling Sessions by renowned storytellers**
- **Reading Day/Week**
- **Virtual Book Fairs**
- **Online quizzes and worksheets based on books.**
- **PDFs of the books by some of the renowned authors like Enid Blyton, Ruskin Bond, Roald Dahl are also shared.**

DIGITAL LIBRARY

AUTHOR'S TALK

...ks created by our young readers of class 3

SUYASH ANAND 3A   JIA REHLAN 3B   AAGAN JAIN 3F   ANAYA GOEL 3E   SHUBH SHARMA 3I

Do It Now

TTT
TECH TOOL TIP

AN EASY WAY TO CONVERT IMAGES / HANDWRITTEN TEXT TO PDF / WORD/ POWERPOINT/ EXCEL FILE

Microsoft Lens - PDF Scanner
Microsoft Corporation

1. Install Office Lens on your device, run the app, then give it permission to access your camera.

2. The default "view" in the app is a live camera viewfinder. Choose one of the three available image types -- Photo, Document or Whiteboard -- then point the camera at whatever you want to capture. You can also scan QR code also in the type section.

3. For documents and whiteboards, you'll see the app attempt to automatically frame the image as you move around. Once the frame encompasses the desired area, tap the shutter button.

4. After a moment of processing the image, Office Lens gives you a preview of it. If it needs cropping, tap the Crop icon in the upper-right corner. Once you're done cropping, or you're just ready to save the image, tap Done.

5. You can crop or insert a text into the scan document and convert into document and table, click on done to save.

6. You can save to your One Drive or local after that you can use immersive reader to read paragraph.

In the present scenario, the need of the hour is to use the technological tools and applications safely and optimally. The Computer Department has initiated **TECH TOOL TIP OF THE MONTH** wherein a useful tech. tip is shared with the staff and the students every month.

TTT
TECH TOOL TIP
How to change the "Undo Send" setting in GMail

Happy and Safe E-Mailing!!

TTT
TECH TOOL TIP
How to Crop/Compress Image and convert to PDF

1- Use of Snipping Tool / ScreenSnip

2- Use Paint - Net for compress and crop

Before Cropping   After Cropping

3- Online tool for compressing images

4- How to make PDF of Images?

Enjoy You are a champion now

Cyber Etiquette

Technology has changed our lifestyle, the way we work and learn. In the present scenario where the thin line between our online and offline worlds continues to merge and blur, it's all the more important to educate students about digital citizenship and internet safety. In this regard various programmes to educate the students are undertaken from time to time.

DIGITAL AMNESIA

"A phenomenon where our brains are fast losing their ability to remember as we become increasingly reliant on technology to retain data."

Many people don't worry about remembering phone numbers, special birthdays or anniversaries anymore; after all, they're just a cellphone away.

Smartphone addiction can interrupt sleep. We need deep sleep to detoxify our brain. It is only then that the brain engages in synaptic pruning — making room for new information by pruning old information. When we have interrupted sleep, synaptic pruning cannot take place, thus, impairing our ability to retain new information and form new memories.

82% of Parents Couldn't Recall Their Child's Number in an Emergency

Men are **1.75x** more likely to not be able to recall their child's phone number.

63% of Men
37% of Women

Forget their child's phone number.

Tips to overcome Digital Amnesia

NO ELECTRONIC DEVICES BEYOND THIS POINT

Ensure that you do not carry your mobile phone to bed at night.

Instead of using GPS everywhere, print Google direction maps and try to get to the destination.

We're having screen free time

Observe a screen-free day at least one day a week.

Turn off notifications and uninstall/offload all non-essential apps.

Potential risks to the brain can be minimised by using headphones or loud speakers while calling, especially when network quality is low and the mobile phone is functioning to its maximum potential.

Safe Social Networking Tips

DO YOUR PRIVACY SETTINGS VERY CAREFULLY ON SOCIAL NETWORKING SITES.

AVOID POSTING YOUR PLANS AND ACTIVITIES ON NETWORKING SITES.

DO NOT POST YOUR FRIENDS' INFORMATION ON NETWORKING SITES. IT MAY PUT THEM AT RISK.

COMMUNICATE AND COLLABORATE ONLY WITH PEOPLE KNOWN TO YOU.

HOW TO IDENTIFY THREAT AND ASSESS RISK?

Slow and sluggish behavior of the system and appearance of the infamous BSOD (Blue Screen of Death).

Appearance of unusual messages or programs which start automatically.

Drainage of system battery life before expected period.

Navigation to new browser homepage, new toolbars and /or unwanted websites without any input.

LET'S BE SAFE EVERY DAY!

INTERNET SAFETY AND ETHICS

1. Respect other people's privacy.

2. Follow proper protocol in language use while chatting, blogging and emailing.

3. Do not log in to other people's email accounts.

4. Do not download and use copyrighted material.

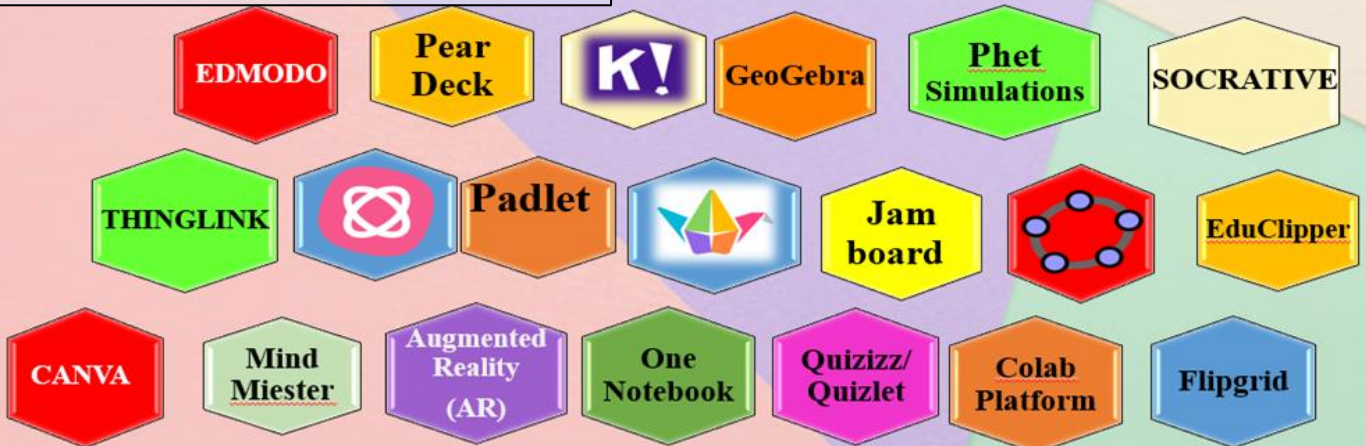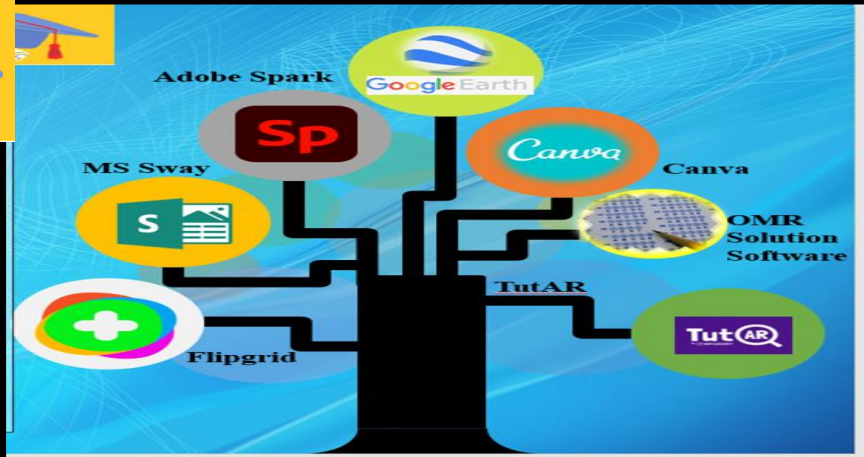5. Enable automatic browser update to ensure detection of malicious sites.

Tech Stride

The IT Skill Enhancement Program for teachers, Tech-a-Thon, initiated in January 2021, is going on successfully with regular weekly sessions conducted online. The staff members have been divided into groups namely; Alpha, Beta and Gamma who receive hands-on experience during these sessions. These sessions are taken every Saturday by the members of the Computer Science Department on latest tech tools like Wakelet, OneNote, Google Forms-Updated Settings, Canva and so on.

TECH-A-THON

ONLINE TOOLS

The teachers are constantly engaged in adopting new technological tools to make the teaching learning process more fruitful and interesting for the students. To promote learning, the teachers have been trained on softwares and tools like Adobe Spark, Flipgrid, TutAR, Microsoft Sway, Canva, Google Earth, OMR Solution software etc. by organising webinars for them.

Adobe Spark · Google Earth · MS Sway · Canva · OMR Solution Software · Flipgrid · TutAR

EDMODO · Pear Deck · K! · GeoGebra · Phet Simulations · SOCRATIVE · THINGLINK · Padlet · Jam board · EduClipper · CANVA · Mind Miester · Augmented Reality (AR) · One Notebook · Quizizz/Quizlet · Colab Platform · Flipgrid

At the forefront of Technology

WEBINARS

Microsoft	Microsoft	Microsoft	Microsoft
DATA SCIENCE	DATA COLLECTION AND ASSESSMENT	FLIPGRID	BUILDING CHATBOTS WITH AZURE
21ST CENTURY LEARNING DESIGN	MCE CERTIFICATION	MICROSOFT TEAMS FOR EDUCATION	MINECRAFT
MIE TRAINER ACADEMY	K-12 EDUCATION TRANSFORMATION FRAMEWORK	HYBRID LEARNING: A NEW MODEL FOR THE FUTURE OF LEARNING	EXPOSURE TO NEW TECHNOLOGIES CLOUD AND AI

Tech-Pulse

ATL Community Day
(12th to 16th April 2021)

The students of classes VI and VII performed the activity 'Newspaper Structure' with material readily available at home like old newspapers, tape, glue, and pins. Our young innovators also conducted a webinar on 24th April 2021 which was attended by students from various other schools including one from Ladakh.
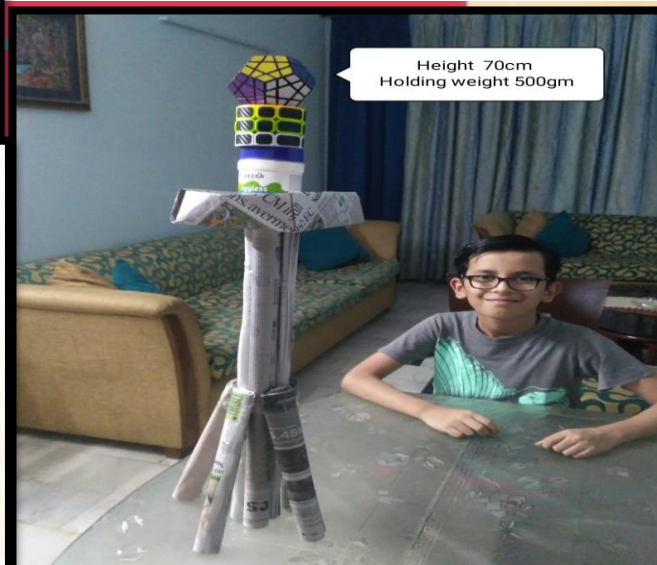

ATL COMMUNITY DAY 2021
Let's Come together Learn together Innovate together

Sessions on:
CS Unplugged Activities
Science Journal Activities
3D Designing
Paper Prototyping

24th April 2021, Saturday
8:30 am
Live and Interactive webinar on Google Meet

Height 70cm
Holding weight 500gm

Bal Bharati Public School, Pitampura secured the 14th rank out of 325 schools invited by **NITI Aayog in Kidex National All Rounder Championship** organized by Atal Innovation Mission held between 1st to 28th Feb. 2021. The same event was organized again in the month of May & July 2021 where our students seized the 8th rank and secured positions and cash prizes.

Bal Bharati
PUBLIC SCHOOL

BAL BHARATI PUBLIC SCHOOL PITAMPURA DELHI
NORTH WEST DELHI, DELHI

HDI Score: 73.35

In association with **Stay Qrious**, a Webinar on Coding was organised for the students of VI to IX in April 2021. The students applied the fundamentals of coding by creating a project-Captain America Shield Creation using the information shared in the live webinar.

Stay Qrious
LEARN FOR LIFE

CURIOUS CODER

LAVANYA MAGGO

Great work on the 'Shield Project'

Shankar Ram — Coach
Aanand Srinivas — CEO

MADE IN 3D - SEED THE FUTURE ENTREPRENEURS PROGRAM

Our school has been selected for the 'Student Entrepreneurship Program' (SEP 3.0) by the **AIM, NITI Aayog** in collaboration with **La Fondation Dassault Systems**. The team has been allocated funding of Rs 35,000 for creating a pseudo start-up, design and prototype a product, 3D printing, preparing marketing campaign and defining product pricing. It is indeed a great learning experience for our budding innovators.

3DS DASSAULT SYSTEMES
La Fondation

Start up

Tech-Pulse
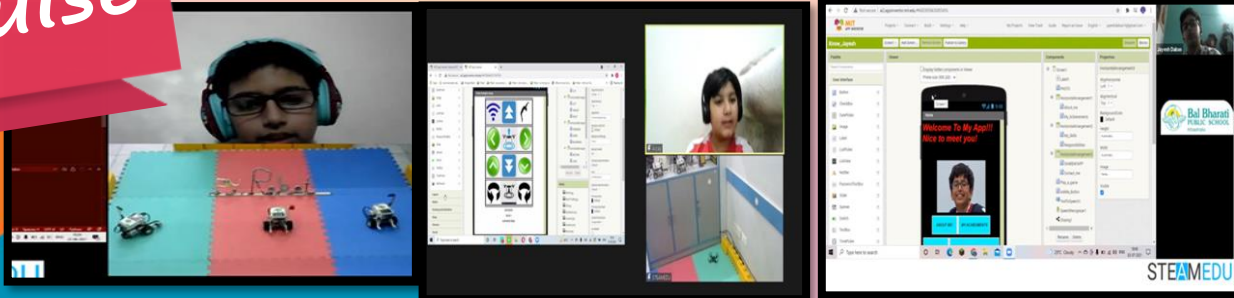
AI-BOOT CAMP

Three students from the Middle Department attended the Drone Avengers Bootcamp organised by STEAMEDU from 12th to 16th July 2021 to inspire the next generation of innovators with the foundations of Drone Technology.

An AI Boot Camp was organised for the students of III-X from 16th to 25th August 2021. Under this multiple sessions were conducted for each class wherein they were given hands-on experience on game-based learning using Minecraft. Interesting quizzes were also held at the end of each session.

STARTUP X JUNIOR PROGRAM-STEAMEDU LEARNING
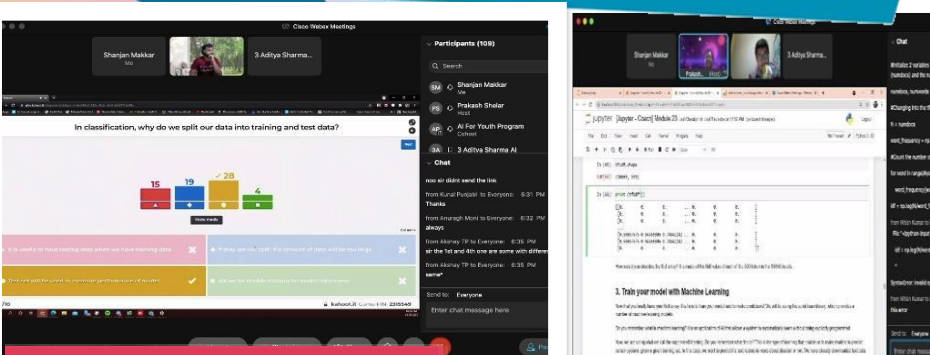
The school has been conducting a weekly program called ' STARTUP X JUNIOR PROGRAM" for selected students in collaboration with STEAMEDU LEARNING since January 2021. Under this program the students have learnt various features of JAVA programming, website designing and related topics.
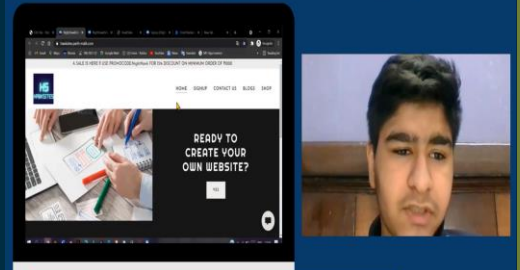

Anant Raj living his dream of starting his merchandise website

Parth providing digital services to startups
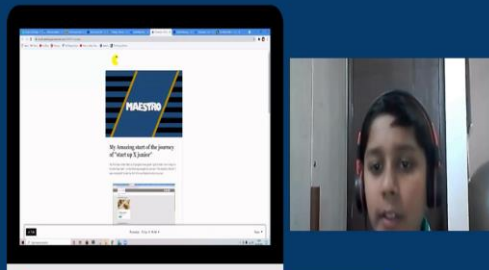
Anant Raj Khatuwala, VIII
https://shop.themaestromerch.com

Parth Malik, IX
https://hawksites.parth-malik.com

Atal Innovation Mission, NITI Aayog, Govt. of India and Educational Foundation "Talent and Success" (Sirius), Russia organized a 14-days Virtual Educational Learning and Innovation Program for students and teachers of top 150 teams of ATL Marathon 2019-20. Nabh Garg of our school was selected for this event in the financial assets focus area. Six teams each comprising of three Indian and three Russian students worked together for two weeks. The event culminated with a presentation by all teams. The live event was attended by various dignitaries like Alexey Medvedev, the Vice Minister for Science and Higher Education and Dr. Rajiv Kumar, Vice Chancellor, Niti Aayog.

Nabh Garg (Me)   AIM SIRIUS Finance (Host)   ADITYA KAVALANEKAR   Aleksandr BERTOV

sanchit   Dr Leonid Merkin-Janson   Danila Seluyanov   Suraj Kumar

Tech-Pulse

PINNACLE CLUB

If you're stuck somewhere with a smartphone battery,

Juice Jacking!

Bal Bharati PUBLIC SCHOOL PITAMPURA

Greetings! Today, as a member of the Pinnacle Club, I will explain the crux Juice-Jacking, in just 90 seconds.

So, the next time, you don't fall prey!

Our first video explains Juice Jacking which is related to charging mobile phones at public booths.
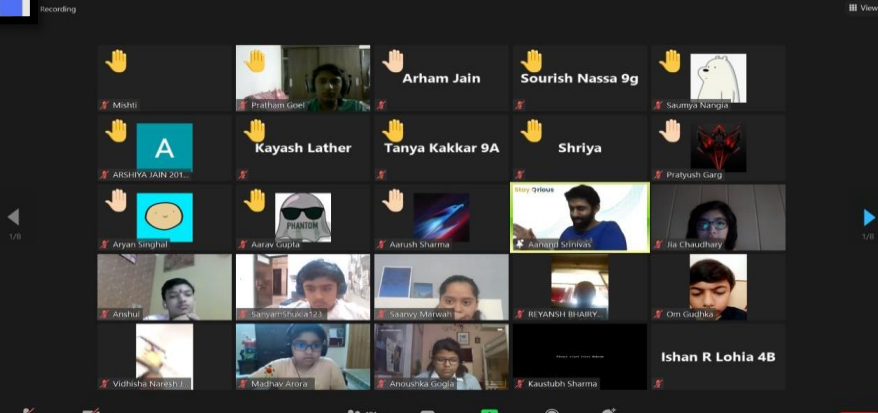
Initiative: Cyber-ness!

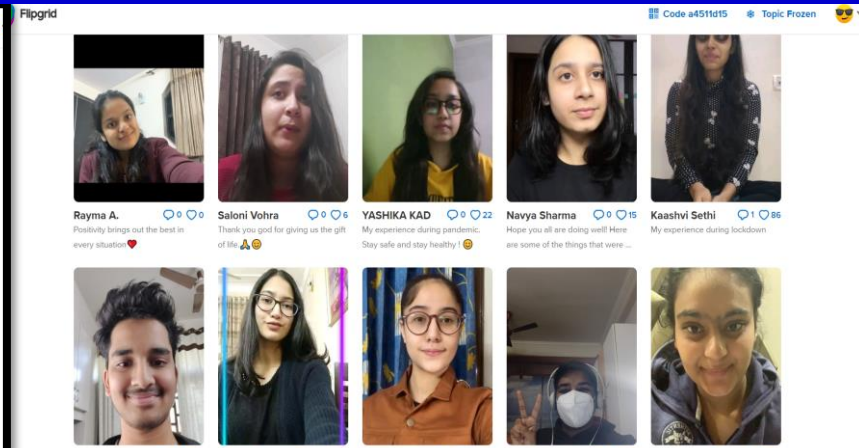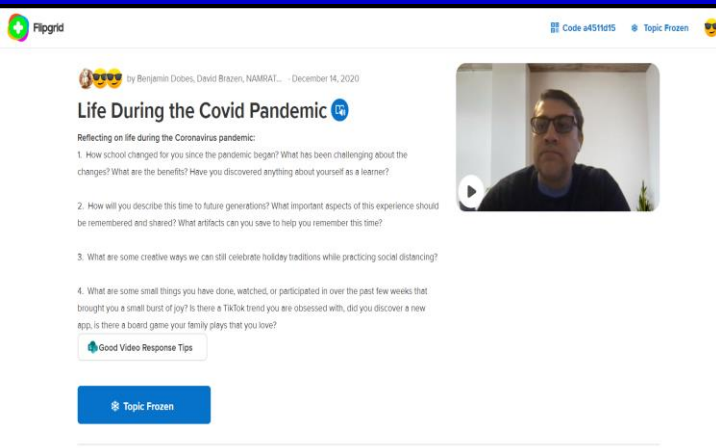Raising awareness of cyber-crimes through an interesting video series.

The best part... The videos educate viewers within 90 seconds.

The **Pinnacle Club** of our school created a video on the topic 'Juice Jacking' which highlighted the risk of data hacking while charging the mobile phones at public booths. This video was shared with students of classes VI –IX to increase awareness so that they do not fall prey to data hacking.

An interactive peer to peer workshop was conducted on 21st August 2021, by the students of class X for the students of class VI. The session provided the learners a hands-on experience of **App.-building** using the **tool MIT App. Inventor**.

FLIPGRID SMART COMMUNITY

Life During the Covid Pandemic

Reflecting on life during the Coronavirus pandemic:

1. How school changed for you since the pandemic began? What has been challenging about the changes? What are the benefits? Have you discovered anything about yourself as a learner?

2. How will you describe this time to future generations? What important aspects of this experience should be remembered and shared? What artifacts can you save to help you remember this time?

3. What are some creative ways we can still celebrate holiday traditions while practicing social distancing?

4. What are some small things you have done, watched, or participated in over the past few weeks that brought you a small burst of joy? Is there a TikTok trend you are obsessed with, did you discover a new app, is there a board game your family plays that you love?

Good Video Response Tips

Topic Frozen

The Senior students of our school participated in an **International Flipgrid collaboration with JS Morton High School in Cicero, Illinois, US**. The topic of the Flipgrid was 'Life in Covid Times'. The students participated in it by uploading their videos on Flipgrid, voicing their opinions and sharing their experiences during Covid.

Connoisseur
**Ms.Namrata Alwadhi
Ms.Beena S.Nair**

Gazetteer
Ms.Amarjeet Kaur Chhabra

Techno-stylist
Ms.Suchita Joon