

Middle and Secondary Department Projects (2020-21)

ONLINE CLASSES

Undeterred by the pandemic, the school took on unprecedented challenges using various online tools to ensure that the teaching learning process continued unhampered. Teachers themselves became learners and overcame the obstacles of technology. Online Classes began soon after the lockdown was imposed from 25th of March, 2020. E-lessons were shared in the form of slides and presentations for a week till the teachers equipped and trained themselves in online tools. Live lessons across all classes began from 1st April, 2020.

ONLINE TOOLS

The following online platforms are being used by teachers:

- **Google Meet** for Live Classes
- **Google Classroom** for sharing presentations, videos, quizzes and assignments
- **Google Forms** for Online Assessment for all classes across III – XII
- **Colab Jupyter Notebook** for Computer Science and IP practicals
- **Jamboard** as White board for teachers
- **Microsoft Teams** for Artificial Intelligence sessions for classes VII to X and online teaching for classes I-V
- **One drive** for collaboration of Holidays Homework
- **Microsoft Forms** for online surveys and feedback forms.

VIRTUAL LABS

- **Science Practicals for students across IX – XII are conducted using online virtual lab application – OLabs.** This feature has enabled students to access various labs virtually during lockdown . In addition to OLabs, students have explored online simulations on **Phet Colorado and Ophysics** websites.
- **GeoGebra** is an interactive geometry, algebra, statistics and calculus application, intended for learning and teaching mathematics. Teachers of Mathematics department are using GeoGebra for classes IX- XII for teaching topics like Number System, Triangles, Functions etc.

VIRTUAL TOURS

Virtual tours are comprehensive, immersive and filled with fascinating insights. Learning was made interesting and joyful with virtual visits of museums, memorials, heritage sites and factories. Several Virtual Visits were organized across all classes:

- War Memorial
- Zoo
- Parliament Museum
- Rumtek Monastery(Sikkim)
- Red Fort
- Amul Factory

These tours were followed by discussions and group activities based on the same.

ONLINE ASSESSMENT

The need for **Formative Assessment** right now is particularly critical because learning needs to take place outside of the physical classroom and teachers need to understand whether students are absorbing the content that is being delivered to them. Apart from conducting online tests after each topic/chapter, **Formative tests, including objective and subjective questions, were held as per the following schedule:**

- **2nd June to 16th June class XII.**
- **Online retests were conducted for students detained in class IX and XI as per CBSE ruling.**
- **25th July to 5th August class XI.**
- **Online Assessment for classes VI-X conducted from 1st June to 5th June 2020.**
- **Weekly Tests for classes III to V have commenced on 25th July, 2020.**

REMEDIAL CLASSES

Remedial Instruction becomes very important in times like these. It helps address learning gaps in learners. Special remedial classes are being organized everyday after school instruction time is over. All students who are academically weak or have frequent absence or attention issues are part of these classes.

VIRTUAL PARENT TEACHER MEETING

A one-to-one **Parent Teacher Meeting** was held in the first week of May across all classes to form a connect with the parents, understand their concerns and give a feedback with respect to their ward's participation and performance in the online classes. In addition, teachers make '**Care Calls**' to parents of all classes from Pre-School to class XII.

CARE AND CONNECT

Care and Connect is a beautiful initiative taken by the Bal Bharati fraternity to maintain a regular connect with all the stakeholders. Through this enterprise, innovative ideas are shared with the parents on how to engage their child, both at an individual level and together as a family during the lockdown phase. Some of the areas covered are :

- Developing Empathy
- Exploring Within
- Strengthening family as an anchor
- Nurturing Interests

CBSE ACTIVITIES

Name of the Activity	Month	Classes
Ek Bharat Shreshtha Bharat Activity <ul style="list-style-type: none">• Virtual Tour• Creation of Newsletter• Study of Cuisines• Study of Monuments of Sikkim and Delhi	June 2020	PP - XII
Art Integration Activity	July 2020	III - XII

<ul style="list-style-type: none"> • Study of basic forms of cell using clay. • Pixel Art based on different Indian Art forms • Brochure making on history of Madhubani Paintings • Sketching and painting of monuments on graph paper 		
SEWA Activity <ul style="list-style-type: none"> • Making of masks 	June 2020	IX and X

- The school has become a virtual lifeline endeavouring to provide students a social network, along with a sense of continuity, purpose, growth and of belonging to a larger community. All efforts have been made to keep students active and motivated by adding color, music, joy and even surprise by initiatives like:
 - **Critical Thinking Worksheets, 'Solve to Evolve'** and special Vocabulary building activities in '**Word Pursuit**' which are given to students every weekend.
 - **I Think, So I Am** worksheets that promote independent and critical thinking are done fortnightly in classes XI and XII.

INITIATIVES

- **Library Activities** are planned for students and links of apps that offer a plethora of audio books and e-books are being shared with them in order to foster the reading habit.
- The **HT School Edition**, the **e-paper**, is being shared with students and parents on Class WhatsApp groups.
- Our **Art department** has been preparing short video-based lessons, explaining how to create beautiful pieces of art and craft.
- **Meal Planning Lessons** are shared with students every weekend to cater to their creativity, keep them occupied and to allow them to contribute in the domain of kitchen.
- The **Sports instructors** have been sharing videos with students, wherein they are performing easy-to-do exercises and yog with the aim to help students and their family members to stay fit and healthy while at home.
- The **Music Department** has been disseminating the knowledge of Music to children through its crisp video lessons, detailing the nuances of playing various instruments.
- Our **Dance Department** have been honing the aesthetics and dancing skills of students through their elaborate videos on various dance forms such as Bharatanatyam, Kathak, Kuchipudi and contemporary among many others.
- **Household Task weekend activities** like singing, dancing, spending time with their grandparents, watering the plants, doing small household tasks are given to the children in the Pre Primary classes.
- The Primary Department introduced '**Staycation**' - a video guiding and encouraging students to plan a vacation at home during the summer break.
- The Prefectorial Board took an initiative '**Maa ko Salaam'- A Tribute to Mothers**', offering a platform to the students to showcase their feelings for their mother and organised a series of activities on Mother's Day.
- The Prefectorial Board shared a motivational video '**FIR MUSKURAYEGA INDIA**', showcasing their involvement in various activities during the lockdown period. It was a novel effort made by them to make their viewers smile and find ways to be happy.

- **Maalik Sambhal Lena**, a motivational video prepared by the students of class XI and XII was shared across all departments with the parents and was highly appreciated.

ENGLISH LANGUAGE PROGRAMME

A number of activities have been conducted in classes I to X as a part of the **English Language Programme** initiated by **Ms. Rekha Sharma, Education Advisor**, with the aim of making students proficient in the usage of English language. The following are being shared with the students on a regular basis:

- **Age appropriate Active vocabulary words.**
- **Recorded videos of poems and speeches by famous poets/ speakers.**
- **Names and synopsis of suggested novels/ books by famous authors which are a must read.**
- **Audio files of the correct pronunciation of Active Vocabulary words.**

A project called 'Project Covid' was also done by the students to reinforce COVID related vocabulary.

• **CBSE ACTIVITIES**

The Ek Bharat Shreshtha Bharat programme initiated by CBSE is an active part of our curriculum across all departments. Various activities are undertaken on a regular basis to help children develop an understanding of the diverse cultures in India, promote the spirit of national integration and induce a sense of responsibility and ownership for the nation as a whole.

• **EK BHARAT SHRESHTHA BHARAT PROGRAMME**

Topic	Class	Details
Life of Buddha	IX & X	The Art Club students created wall hanging, face masks, wind chimes and Thangka paintings.

• **ART INTEGRATED LEARNING (AIL)**

All departments have adopted Art Integrated Learning (AIL) as part of their curriculum. Students engage in art activities and construct personal meaning through their learning in an art integrated environment. Below are some activities conducted from July to October, 2020.

Name of the Activity	Month	Classes	Conducted By/Art Form

Art Integration Activity	August	VI- X	<p>Maths Department- Stupa Buddhist Art, Saura Art, Gond Art, Kolam Art</p> <p>Science Department- Story of Transport using Madhubani Art, 3D Model of types of teeth, model of metamorphosis and 3D models of types of tissues using biodegradable/ waste material.</p> <p>English Department- Landscape painting inspired by the poem 'In Morning Dew', Book jacket design of 'Swami and Friends'/ 'Malgudi Days' using Bengal Pat art, Scene depiction using Madhubani Art, Miniature painting inspired by the poem 'Rain on the Roof' and book jacket design using Tantrik Art style.</p>
Art Integration Activity Use any one Art Form (Thangka, Worli or Madhubani)	September	VI- X	Science Department- Power point presentation or brochure on any five traditional dishes of Sikkim and their health benefits

• **LIFE SKILLS**

At Bal Bharati, it has been our constant endeavour to help our students become better individuals. Continuing with this objective in mind, through life skills activities, we wish to orient them towards formation of good habits, developing self awareness, realising the importance of family, inculcating the values of empathy and making them responsible and strong individuals. The Middle School has adopted a trans disciplinary approach and combined life skills sessions with music classes to make it a joyful multi-sensory experience for our young minds. Every session starts with an ice-breaking discussion followed by a short movie on the selected theme. The students are given an assignment and initiated into a music session to reinforce the theme. The responses of the google forms are reviewed and follow up done by the teacher through class discussion. This personalised approach helped in enhancing their involvement in the activity.

• **NATIONAL CYBER SECURITY AWARENESS MONTH**

October is observed as National Cyber Security Awareness Month (NCSAM) globally. It is important to continue to raise awareness about the importance of cyber security across our nation. Students across all classes were encouraged to protect their part of cyberspace with emphasis on personal accountability. Various activities were conducted in accordance with NCSAM.

- Creating Posters
- Making Presentations
- Cyber Safety Quiz
- Story Narration
- Group Discussion
- Poem / Song Composition
- Colouring

- Skit
- Video Making
- Collage Making

ENGLISH LANGUAGE PROGRAM

A number of activities are conducted in classes I to X as a part of the English Language Programme initiated by Ms. Rekha Sharma, Education Advisor CES, with the aim of making students proficient in the usage of English. A special project 'PROJECT COVID' was devised to help develop multiple language skills. A newsletter was also created as part of this project.

- Age appropriate Active vocabulary words.
- Recorded videos of poems and speeches by famous poets/ speakers
- Names and synopsis of suggested novels/ books by famous authors which are a must read.
- Audio files of the correct pronunciation of Active Vocabulary words.
- Passage containing the vocabulary words to teach the application of the same.
- 'Very' words

• **Virtual Assemblies** are conducted across all departments for the students, who attend the same in their school uniforms. It gives them a sense of belongingness towards one another and the school and also promotes their mental health. These assemblies impart discipline in their lifestyle and encourage the School Spirit.

• **A Weekly News Bulletin** is presented across classes, in which maximum number of children participate. The students not only present the main news of the days gone by, but also debate on current topics of interest. Some children showcase new ideas and experiments they may have done during the period.