

## **PROJECTS (2019-20)**

### **GUARDIAN TEACHER**

The Senior Secondary Department, with a view to help and guide the students requiring special attention in the areas of academics, behaviour and confidence, has initiated the 'Guardian Teacher Programme' in grades XI and XII. Students have been identified and allotted to teachers, who are now called their 'Guardians' in the school. The teachers needn't necessarily be their class or subject teachers. They maintain a daily connect with the child, mentoring him/her, arranging special lessons and assignments and ensuring steady improvement in his/her academic performance and behaviour.

### **PSYCHOLOGY INTERNSHIP AT FORTIS, SHALIMAR BAGH (2019-20)**

Internships are a good way of teaching our young enthusiasts professional work culture, adaptation and communication skills. We initiated internships for students this summer. 15 students of class XI and XII went for an internship with FORTIS Hospital, Shalimar Bagh, in the month of June 2019. The internship went on for 6 days where students were taught about various psychological disorders. All the seminars were taken by professional Psychologists working with Fortis. The students made a project on Mental Health Awareness. The best projects were posted on Fortis Mental Health Awareness' social media page.

### **MICRO TEACHING**

Micro Teaching is a vehicle of continuous training applicable at all stages not only to teachers at the beginning of their career but also for more senior teachers. It enables sharing of effective instructional skills. To sharpen and develop specific teaching skills and eliminating errors, regular Micro Teaching sessions are conducted across the middle and secondary department. The following sessions were conducted by Maths and English departments on 6<sup>th</sup> July, 2019.

Subject	Name of the Teacher	Topic
MATHEMATICS	Ms Leena Pushkarna	Factorisation
	Ms Nishu Mangla	Linear Equations in 2 variables
	Ms Mamta Bhagwani Ms Upasna Chaudhary	Trigonometry
ENGLISH	Ms Gursimran Kaur Ms Manjulata Pandey	Poetry

### **NO BAG DAY**

The Primary Department has initiated the concept of a 'No Bag Day' once a month. The first 'No Bag Day' was observed on 08<sup>th</sup> May 2019 and the second one on 16<sup>th</sup> July, 2019. The students carried only their lunchbox and pencil box. The teachers planned many interesting activities for the students related to the curriculum content being covered in the class such as role play, interviewing the gardener, dumb charades, angles through yoga and story-telling. All the activities were highly engrossing and enjoyed thoroughly by the students. This initiative motivates the teacher to think out of the box, design innovative lessons, make learning fun and develop a stronger bond with children.

### **CRISP DIGITAL LEARNING**

To facilitate connecting technology with the child's learning at school and home effortlessly, the Primary classes has initiated teaching through CRISP modules. It encourages 'Anywhere Anytime Learning'.

It is a cloud based service on the Internet, developed with input from our experienced teachers, providing students with rich and powerful learning experiences.

### **INDOOR PLAY TIME**

Grade II has initiated an indoor play-time activity in the month of April and May 2019 to channelize the extra energy of students. They are encouraged to play board games with their friends and they learn the habit of sharing and playing together.

### **CLASS PROFILE BOARDS**

Students perform to their best of capabilities when they feel welcomed and have a sense of belongingness towards their teachers, class and school. Keeping this belief in mind, the teachers of the Primary Department prepared special Class Profile boards with the names of all the students put up in unique, innovative and creative ways. The students were excited to see their names on the colourful boards which boosted their self esteem .

### **READING PROGRAMME**

The concept of a devoted Reading period 4 days in a week, which was introduced in the Primary Department two years ago, has been running successfully, with the students eagerly looking forward to this period and taking part in the discussion based on the story read with great enthusiasm. The programme has proved to be a great resource towards enhancing the vocabulary of our young buds, helping them become confident orators besides further developing their interest in the world of books.

### **INTEGRATED TEACHING - CLASS III**

With a firm belief in the fact that learning in various subjects can not take place in isolation, the Primary Department has been following the Integrated Teaching method in Class III. The theme of 'Water' was taken up for the month of April 2019. Various

activities were designed to integrate all the scholastic as well as non scholastic subject areas together wherein the students learnt art, dance, role play and singing as well besides learning how to conserve water and solve various mathematical problems related to the concept of water (such as how many glasses of water did 4 children drink in a day).The initiative has proved to be fruitful towards making the teaching - learning process more child - centered.

### **THEATRE IN EDUCATION –**

The Theatre in Education initiative which was started for Class IV in the previous session proved to be a turning point in the active learning programme for our students. The initiative has now been carried forward to class V as well and being used as a tool for making subjects like Science, Social Science interesting. The students learnt about the concept of Weather and Climate in Social Science through a scripted play in the month of April 2019. July got a new flavour as Science lessons used theater as a medium to teach and learn. The students participated in the plays wholeheartedly and learnt the concepts thoroughly by performing various activities and attempting the worksheets related to the concepts.

### **PERSONALITY SKILLS PROGRAMME**

An in-house Personality Skills programme has been initiated in the Pre Primary classes through structured play and drama activities to encourage children to learn actively and interactively. Children are becoming communicative, expressive, creative and responsive which is enhancing their confidence, speech fluency and voice clarity.

### **GYAN KATTA**

*"Learners need endless feedback more than they need endless teaching."*

The school constantly strives to maximize learning opportunities for students and collaboration with Gyan katta is a fruitful step in this direction. It is an online examination platform that conducts customized tests for each class on various topics from their syllabus. It has a prompt feedback mechanism and aids students in keeping a track of their performance.

More than 300 tests have been conducted for the students of classes III to X for Mathematics, Science, English, Social Science, Aptitude and Reasoning.

Approximately 2000 students have taken these tests so far and have hailed it as a great initiative.

## **MORNING ASSEMBLY**

In keeping with the school's tradition of instilling the right values in our students and to channelise their energy in a constructive manner, each day is commenced with a short class assembly followed by a few minutes of meditation in classes VI-X. The students of classes VI – X were very restless and aggressive and hence a few minutes meditation everyday has been introduced.

## **SAFETY INITIATIVE**

### **Bus Rooms**

Safety and security of our students at all times is our prime focus at Bal Bharati Public School Pitampura. To ensure smooth and safe dispersal of students after school, bus rooms have been allotted to each bus route. The students assemble in their respective bus rooms and are escorted to the buses by the teachers on bus duty and the lady guards. Teachers are also being put on duty for the dispersal of students who do not avail the bus service upto primary level, no drivers are permitted to enter the school. The staff had a very difficult time for a few days, but parents have accepted this decision by the school.

## **INTRODUCTION OF ARTIFICIAL INTELLIGENCE IN THE CURRICULUM**

Technology is an ever evolving area. To ensure that our students can compete with global skills, Bal Bharati Public School, Pitampura has introduced Artificial Intelligence in its curriculum. In its commitment to prepare the students for the demands of future, the school has been making consistent efforts in effective training of the staff and students in Artificial Intelligence for classes IV - IX.

The Computer Science Teachers have been regularly equipped with tools and techniques and trainings from CBSE, BBPS Training Centre, IBM, CRISP and Microsoft. More than 700 students of the school have enrolled in Artificial Intelligence classes conducted for classes IV-IX. Intensive use of online videos and activities is made in training the students in Pattern Recognition, Neural Networking, Computational Thinking and Algorithm. Students also create Text Based Projects using Scratch Coding in these classes. Python programming, a coding language for AI, has been introduced in class IX.

## **PARENT CONNECT PROGRAMME - BETTER TOGETHER**

Each school stands on four strong pillars that enable it to function smoothly , effectively and efficiently. Management, students , teachers and parents form an integral part of the organisation.

We at Bal Bharati firmly believe that the key to a child's success is the involvement of parents working with us as a team and being there for the children.

In keeping with this belief, 'Better Together', a parent connect programme was initiated for classes VI-X. As a part of this programme, parents were involved in activities like board decoration activity(class IX) and to accompany students for excursions and visits

under the SEWA activity (class X). The parents participated enthusiastically and appreciated the initiative.

### **ONLINE COMPUTER AND GK EXAM**

Keeping pace with the technological advances of the present time when a lot of competitive exams are conducted online, it is imperative to train the students to confidently face such exams. Thus , for the first time , online exams were conducted for Computer Science across grades VI- X in August , 2019 . Online G.K exam was conducted only for class X.

The students were prepared and trained to appear for such an exam before hand. Online Mock Tests were also conducted in the computer lab.

The initiative received positive feedback from the parents and the students as it helped the students get their score instantly and review their answers.

### **CHILDREN AGAINST CHILD ABUSE (CACA)**

Giving the children a safe environment is one of the pre-requisites in ensuring their good emotional and physical growth. With this view, My Safety Workbook, as a part of project CACA, was introduced to the students of grades VI and VII.

My Safety Workbook caters to life skills and value education. It focuses on the prevention of child abuse. It is a pilot programme which is being carried out in classes VI and VII on every Thursday. The book disseminates information through stories, poems, plays, letters, cartoon strips and activities to sensitise students about various laws such as POCSO and Juvenile Justice Act.

The topics covered were :

1. Body Ownership and Private Parts
2. Strangers and Feelings
3. Self Esteem

### **एक मुठ्ठी दान**

“एक एक एक करके बनता है अनेक” Keeping this in mind we at Bal BharatiPublic School have started a project “एक मुठ्ठी दान ”.

The parents were requested to send a handful of dal mixed in a disposable box and no polybags were to be used for this purpose. These were collected over a week in each class. The children discovered the magic of one handful collected every day. The joy of seeing the box filled was unmatched . We later collected it from each section and donated it to Sarthak Prayas – an NGO, our school is closely associated with .This will be used for their “Monthly Ration Distribution Drive” for the homeless elderly people.

### **JOY OF GIVING WEEK**

On the first anniversary of 'Joy of Giving Week' (19th to 23rd Aug '19), the Middle department celebrated and participated with full momentum to live up to the 'giving' theme. A twin visit to Gaushaala and Old Age Home was organised. The students of class VIII offered chapatis to the cows which they had brought from their home, living up to the true Indian tradition. The residents of Old Age Home were elated with the songs presented by the school choir. They danced and had a gala time with the children. Our students also carried religious texts for the elderly. This helped achieve the much desired connect between the students and the senior citizens. The joy of giving week also saw students expressing their gratitude to the teachers. The Art Club students designed beautiful coasters and gave them to their teachers. The students of the Eco Club went to the local market in the vicinity and presented a street play on the need to stop the use of plastic bags, thus experiencing the joy of giving back to the environment and community. The students also distributed tea and biscuits to the support staff by giving them a surprise break and bringing a smile on their face. They also helped the students with special needs to complete their work by becoming their buddies. The 'Joy of Giving' was increased manifold when the students received sponsorship from our principal, Mrs Meenu Goswami. Both the Old Age Home and the Gaushaala were benefitted by her thoughtful and kind gesture.

### **HUMAN LIBRARY**

To encourage young minds to think, hear and enact beyond the boundaries of traditional reading, the Middle and the Secondary Department undertook a maiden initiative, Human Library- Reading through a Human Book.

Parents play a vital role in this initiative and act as human books for the students. This initiative not only reaches out to the budding readers but also connects the school and parents to work together to add quality to students' learning experience.

A Human Library Session was organised on 16<sup>th</sup> October, 2019 in the senior library for the students of class VIII. Parents, our Human Books, chose a myriad of topics like Odyssey, Being Mowgli, A Red Letter Day and so on to make the learning experience enriching for the students. They expressed their desire to continue with these insightful sessions in future. The students enjoyed and are looking forward to each and every session.

### **FUN WITH LEARNING**

Cartoons have always been a favorite among children. Apart from enjoying watching these cartoon characters, our children also acquire certain values through them.

In order to incorporate fun with learning, a fun activity was conducted during the extended weekend from 10<sup>th</sup> August to 12<sup>th</sup> August 2019.

The students of classes VI to VIII chose their favourite cartoon character and wrote a few lines describing the qualities they imbibed from the character.

The students whole heartedly participated in this activity and expressed themselves beautifully.

### **PEER TEACHING LEARNING**

The Political Science and History students of class XII, under the guidance of Ms. Loveleen Kapoor and Ms. Kavita Dhar , added life to the process of learning, by undertaking a project involving the learners of grades VI-X.

The Political Science students shared their project on Globalisation-Global Village, Partition, Political Journey of India 1947 to recent times, with students of class IX and X. This helped them to get a perspective of Indian polity and Political processes and build their knowledge in political affairs of the world and India.

The History project-based activity in classes VI-X helped the senior students to design, plan and execute a task efficiently. They also learnt how to inspire their juniors and help them enjoy the study of past.

In the process, the learners learnt the life skills of brainstorming, team work and problem-solving skills.

### **HYDROPONICS**

In order to go beyond the books, students of Class V took up a project on HYDROPONICS, that is, to grow plants without soil. Students undertook the activity of growing seeds like wheat, mustard, black gram and green gram in a wet cotton in a container. They transferred the seeds in a basket with a container full of water to keep the roots moist. In a few days they observed a plant of around 12-14 inches in height and roots measuring around 4-5 inches in length. This technique is very useful at places where land is not fertile.

### **INTEGRATED TEACHING**

With a firm belief in the fact that learning in various subjects can not take place in isolation, the Primary Department has been following the Integrated Teaching method in Class III. Various activities are designed to integrate all the scholastic as well as non scholastic subject areas together wherein the students learn art, dance, role play and singing as well besides learning the concepts related to the theme for the month.

The—topic “Plant” was taken up for the month of August under the project of Integrated teaching across Class-III. Children were taken for a Nature Walk to create awareness of the environment around them. The students enacted on the topic Save Trees. Recitation was also included to enhance the topic. The programme has proved to be fruitful towards making the teaching - learning process more child - centered.

### **One Nation Reading Together (ONRT)**

One Nation Reading Together (ONRT) is an initiative to inculcate reading habit among the people of the nation, especially children during their formative years. Under this initiative, on January 24, 2020, the students of the Secondary Department and the essential staff of the school were encouraged to read a book of their choice for 30 minutes in the school library.