

## **INNOVATIONS AND INITIATIVES**

### **A.INITIATIVES FOR ENHANCEMENT OF LANGUAGE SKILLS**

#### **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.

#### **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.

#### **Feedback from parents**

Human library concept conceptualised by BBPS was an extremely wonderful and informative experience as we not only shared some valuable experiences but also got a chance to know about the kids queries that they sometimes neither share with parents nor teachers .A good initiative by BBPS

Student's name- Aditya grover- VIII H

Parent Ms Neeta Grover.

The concept of Human Library is a unique concept. My experience was very good. The students were very eager to listen to us and very patient during conversation. I feel I was able to inspire them by telling them my real life story from being a average student to brighter one. In my view School should continue with this effort .

Thanks

Student- Devanshi Tayal- VIII F

Parent- Mr. Devendra Kumar Tayal

**The more you read, the more things you will know. The more you learn, the more places you'll go."**

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.

### **READING**

In order to channelize the extra energy of the students, an initiative has been taken to encourage them to spend their time in reading during the PLAY TIME. They are asked to sit in the library where they are given puzzles to solve and attractive books to read to encourage them to do something constructive.

### **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.

### **JUST A MINUTE**

A child has an inherent hidden potential. It is necessary to nurture a child's creativity. To enhance the linguistic skills in our children 'Just A Minute competition' was organised on 2<sup>nd</sup> May, 2019 wherein every child was given an opportunity to speak for a minute . Topics like My Favourite Teacher/ game/ food/ festival/ hobby were given. Children were well prepared and spoke confidently. It was an Intra class competition. Overall six positions were given in each section to motivate and encourage them.

## **B. INITIATIVES IN TEACHING/ACADEMICS**

### **GYANKATTA PLATFORM**

- With an aim to maximize learning opportunities for the students, the school has collaborated with Gyankatta, an online examination platform that conducts customized tests for each class on various topics from the syllabus . Its prompt feedback mechanism enables students to track their performance.

281 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 and have benefited from this program.

### **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 lasses 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 programing, a coding language for AI, has been introduced in class IX.

### **FUN WITH PHYSICS**

Learning is effective if it is enjoyable. With this perspective, the Physics Department of the school regularly conducts fun -filled learning activities for the students of the Middle Department.

- Students learnt about the behaviour of magnets by playing various games using magnets.
- Students measured the force required to move objects on various surfaces by comparing the three types of friction.

### **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.

### **Feedback from students:**

- Immediate results is a great attraction of online exams. –

Hardika Mehta , X –A

- Paper and time both are saved to a great deal –

Daksh Jain – VIII G

- Online exams boost up our confidence for making such attempts in future.

Nandini Bansal , X B

- Besides being highly convenient , the online exams also help students to learn to interact with computers in an accurate and precise manner.

Priyanshu Gupta - IX C

### **ATAL LAB ACTIVITIES**

The school's Atal Tinkering Lab has been established to nurture innovation among young learners. It gives the students opportunities to explore new ideas , test them and 'learn by doing'.

In order to achieve this objective , the science practical periods of the Middle Department have been remodelled . The aim is to make these periods more lively and engaging for the students. The learners are acquainted with the knowledge of Robotics , 3D Printing and varied electronic devices on a fortnightly basis by a specialised trainer.

### **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.

## **SAMVAAD**

With the aim to inculcate civic sense and good values in all our pupils, under project Samvaad, value based short films are screened in the classrooms, followed by a thorough discussion in the class. Opinion based questions in the GK paper are woven around the themes of these movies allowing students to ponder over their message. Kargil Divas and Home Delivery were screened for Term 1 GK assessment in classes VI-X.

## **Bal Bharati Public School, Pitampura celebrated the 150<sup>th</sup> Birth Anniversary of Mahatma Gandhi, a CBSE Initiative, by conducting various activities.**

The special assembly on Gandhi Jayanti was organised on 1st October by the Middle department.

The school choir sang the bhajans, "Raghupati Raghav Raja Ram" and " Vaishnava Jana To Tene Kahiye". The orchestra presentation left the audience spell bound. The students delivered speeches in English and Hindi on the principles and teachings of Gandhi.

The students of class VII depicted the greatness of ' the father of the nation' on the display boards of their classrooms.

An essay writing activity was conducted for classes VI to IX. Various topics like ' Khadi- a fabric, a movement' , ' Gandhi's Mantra of Mental Wellness', ' Gandhi's Vision of Swachh Bharat' , ' If I were Gandhi for a day... ' were given to students who expressed their thoughts beautifully.

Continuing the trend of plogging, initiated by our respected PM, Mr. Narendra Modi, a team of twenty one students from classes VII-X went to the vicinity to plog and clean the environment. In this cleanliness drive , the parents also accompanied and encouraged the students. The local residents were all praises for the school and the students.

## **Aero Modelling Workshop**

With an aim to give hands on experience to the students and to stimulate their creativity, the school conducted

‘Aero Modelling Workshop’ for the students of classes VI to IX from 20<sup>th</sup> to 23<sup>rd</sup> January 2020. The students

assembled the model of Catapult Glider and it was a great learning experience for them.

- **3D Laboratories** have been set up in **Physics Lab, Biology Lab, Gen Science Lab and Primary Science Lab**. The comprehensive software developed by DESIGNMATE

INDIA PVT. LTD. comes with a repository of more than 1700 interactive simulations on topics ranging from class I to XII. Each module is of the duration of 3 - 5 minutes. The students can explore complex structures, concepts in 3D which not only makes the class interesting but also makes teaching learning process interactive.

- Two teachers from the Middle Department, Ms. Nidhi Wadhawan, TGT (English) and Ms. Amandeep, TGT (Biology) went for a 'Peer Mentoring Project' to Bal Bharati Public School, Solan with the aim to equip the staff members at Solan with the latest teaching resources and methodologies. They discussed aspects like Lesson Planning, Innovative Activities in Pedagogy, Assessment Strategies and Syllabus Planning. It was an enriching experience for teachers of both the units as it enabled them to create a pool of innovative resources together.
- In order to enhance the learning experience of our students and to ignite their interest in computer programming, a **Java Coder Course has been initiated for class VII students in the month of October**. The course comprise of 9 instructional modules. A demo session of the course was conducted on 31st August 2017 with one section of class VII. The students participated enthusiastically and the best performers were presented with souvenirs by the Java Coder Team.
- Various concepts of mathematics like Integers, Triangles, Mensuration and so on were taught innovatively through various activities across classes VI-X. The concept of addition of integers was drilled with the help of a dice activity. Students made towers with the help of balloons and newspapers to visualize that triangle is the most stable structure found in the nature.
- BIBOX Innovation Series has been started in classes VI-VIII to promote innovation and scientific temperament among students. It aims to enhance convergent thinking, creative ability to use technology, collaboration and communication skills through hands on activities. An introduction to BIBOX Innovation Lab was given in the first session held on 2<sup>nd</sup> July, 2016 wherein the students were made familiar with the interdisciplinary functions of BIBOX technology tool and design thinking. Eight BIBOX sessions have been conducted in the school from July 2016 to September 2016.
- The school has initiated a continuous practice where in the sports coaches, class teachers and subject teachers of the school team players share information with regards to the student's performance in academics as well as in sports. Extra support is provided to the student/player. The school hopes to add strength to the student/player's achievements in both the domains simultaneously. Efforts for the same are already underway through the mechanics of 'one to one difficulty solving sessions' with the concerned subject teachers followed by regular assessment based on less syllabus/short duration tests.

### **C.INITIATIVES FOR ENHANCEMENT OF CREATIVE AND COMMUNICATION SKILLS**

#### **VOTER AWARENESS CAMPAIGN FOR DELHI LEGISLATIVE ASSEMBLY ELECTIONS 2020**

To enhance the awareness of the voters and to increase their participation in the elections, the Election Commission of India launched an initiative '**SVEEP**'- **Systematic Voters' Education and Electoral Participation**.

Bal Bharati Public School, Pitampura actively participated in this campaign and the students took a pledge to convince their parents to cast their vote in the upcoming elections on 8 th February 2020.

The students formed a human chain to form “VOTE” pattern. The teachers extensively discussed the importance of voting in the Indian democracy and the power vested in the voter with the students. They also brainstormed about the potent power of a vote and how awareness among adult voters can be increased to ensure a good turn out on the voting day.

## ART INTEGRATION

*“Art Integration allows us to build chefs who make choices- not cooks who merely follow the recipe”*

In order to make the students enjoy and appreciate the concepts taught in the class, various Art Integration activities were conducted in the Middle and Secondary Department.

Class Subject	Activity
VI	ü Designing leaf patterns to study Leaf Venation.
VI	ü Book Mark designing to study the detailed structure of leaves
VIII Biology	ü Poster Making and Slogan Writing- Save the Girl Child, Say No to Drugs, Sex Determination in Humans and shapes of cell using recycled material
IX	ü Paper Folding-Giving tangible form to various scientific processes
VI	ü Poster Designing-Awareness on Female foeticide
VII	Creation of animal and bird figures using digits.
VIII	Tessellation Activity - Arrangement of shapes closely fitted together in a repeated pattern without any overlap or gap.
VIII Mathematics	Making of bird/animal figures using Tangrams
IX	Curve Stitching Activity - A form of string art where smooth curves are created with the use of straight lines.
X	Drawing objects which follow Fibonacci sequences.
IX Sanskrit	Objects recognition with alphabets

- Giving a platform to the students to unleash their impassioned creativity, a **Talent Hunt Competition** was held on 13 th and 16 th December,2019 in the School Auditorium from 8.00 a.m. to 1.30 p.m. for the students of class XI.  
Encouraging the children to exhibit their talent and nurture their personalities, a plethora of competitions were held. The students enthusiastically participated in events such as

‘Let’s Nacho’, Wizard Corner- Riddles and games, ‘Kabhi Khushi Kabhi Gam’, Panache-Ramp walk (Retro style), Beauty and the Beast, Fusion of Aromas, ‘Mile Sur Mera – Tumhara’ and The Clash of Titans - Online Gaming. Students actively participated in the series of activities throughout the day. The event concluded with the award giving ceremony where in young budding deserving talents were awarded for their super-performances.

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- Young scientists of class II performed manifold experiments with an enthusiasm on natural water filtration, water magnetism, water refraction, dancing raisins, sinking and floating on 15<sup>th</sup> November ,2017 and related them with everyday life.
- Celebrating childhood as the time of great fun, excitement and happiness, Primary Department organised Talent Hunt on this year's Children's Day (14th November 2017) for the students of classes 3, 4 and 5. More than 550 students participated in the 10 events including Mad About Dance, Sur Sangam, Kabaad Se Jugaad, Bollywood Mono Acting and Fancy Dress. The students' enthusiasm was evident from the energy they showcased in their performances. The day was made bright and gay by the laughter of the children which was a testimony to the fact that the events organised for them were successful in infusing freshness in their routine at school.
- No art program can be complete unless it provides some opportunity for three-dimensional activities, such as clay modelling and sculpture. It is one thing to draw or paint one's experiences on flat surface, but it is a far different experience to create three-dimensionally. To work with new and different materials can itself be stimulating. **The Primary Department has introduced Sculpture in classes IV & V and the students have been enjoying experimenting and creating with clay. The students of class V have also begun painting on canvas.**
- An intersection activity 'Abhimanch' was conducted in classes VI-VIII on 10<sup>th</sup> May and IX-X on 13<sup>th</sup> May'16. Each class was given a topic to prepare and participation of all the children was mandatory.
- Class VI: Incredible India

Standard VI was asked to select any one southern state of India and depict its weather, location, festivals, history, dance, music and cuisine.

The students showcased the state chosen through short skits, folk dance, music and authentic home cooked south Indian dishes. The fish markets of Kerala and Tamil Nadu appeared to be live depictions. The festivals like Vinayak Chaturthi, Pongal were well depicted.

- Class VII: Radio/TV Show

The Radio/TV show was based on the lives of legendary people like Gurudev Rabindra Nath Tagore, Dr A.P.J. Abdul Kalam, including quiz, interviews, poetry and advertisements.

Innovative ideas were expressed by the children in the presentations. The shows not just gave a glimpse into the lives of the legendary heroes but also included humour, music and entertainment.



- Class VIII: Asian Countries at Glance

The background, geography, terrain, natural resources, art, culture and cuisine of an Asian country were depicted through the class presentation. The 'hummus' and 'jewellery market' of the Middle East, the 'rising sun' of Japan, the impact of atom bomb on the cities of Nagasaki and Hiroshima were well presented. The children enthusiastically showcased their selected countries through short skits also.

- Class IX: Science Fair

Each section was divided into groups and they were to prepare models on Astronomy, Science, Electricity and Electronics, Human Behaviour, Human Biology and Health, Environmental Science, Pure Mathematics, Sports Science, Science and Maths in Music, Chemistry in our day to day life or any other topic of their choice. The models were neatly prepared and presented. The scientific approach and inventive thinking applied in the making of the models spoke volumes.

- Class X: Song Composition and Dance

The students were given social issues and had to compose the lyrics and present them through dance and music. Child Labour, Bullying, Women Safety, Female Infanticide, Religious Intolerance, Drug Abuse were some of the social issues picked up by the students and the heart-rending performances were truly an eye opener to the various social evils deep rooted in our society.

- Theatre provides an outlet for expression and helps the development of imagination, creativity and artistic awareness. It helps in increasing social awareness, enhances a child's fluency of speech and expression and leads to self-respect and self-confidence. Keeping this goal in mind a 10-day Theatre Workshop was organised for the students of classes VI to X from 30<sup>th</sup> May to 9<sup>th</sup> June, 2016. A group of 58 students joined the same and learnt various nuances of stage and street theatre. The workshop concluded with the students giving a stage presentation which was witnessed, well-applauded and appreciated by the parents.
- Special classes in **Theatre, Art and Western Music** have been started for the students of **classes VI to X** from 1<sup>st</sup> October, 2016. The students attend a two hour class every Saturday and receive expert training from professionals to hone up their creative skills.

## **D. PARENT CONNECT**

### **SAFETY WALK BY PARENTS**

As per NCPCR guidelines, the Parent Body / PTA must take active responsibility of the school safety and security system. They must analyse the current safety measures, identify gaps and give corrective suggestions. The PTA must carry out regular inspections of the school using the check list provided in the guidelines.

The school has a duly constituted committee for the above and regular safety walks are conducted every quarter. The areas of concern are identified and corrective action taken immediately. The last safety walk was conducted on 28<sup>th</sup> March, 2019.

### **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.

#### Parent Feedback:

I am obliged and overwhelmed and would like to co-work with these young achievers again and everytime.

Thank you so much for the opportunity.

Vaishali Gupta, IX –B

(M/o Aarav Gupta )

#### Parent Feedback:

Today I got an opportunity to be a part of the SEWA activity where the kids were taken to an Old Age Home. It was a great experience for me and for our kids as [well. It](#) was lovely to see our children interacting and entertaining the elderly people, be it presenting a Nukkad Natak, singing songs for them or listening to their jokes and bhajans. I appreciate our school and teachers for organizing this activity. I would request the school to organize more such interactive activities for the students.

Sapna Garg , X-D

( M/o Samanvaye Garg)

## PARENT CONNECT PROGRAMME- BETTER TOGETHER

- Our school has created a platform for the parents of students from Class VI to Class X to address their day to day concerns with the class teacher, Class Rep and the Head Mistress. A class-id has been created for each class wherein the parents can address any issue related to their ward. This ensures immediate connectivity and addresses the issue promptly.

## **E.THEATRE IN EDUCATION –**

### **Play Your Way**

Drama helps students to develop skills such as creativity , empathy , self confidence , leadership and negotiation. Most importantly drama activities are fun which make learning both enjoyable and memorable. With an aim to instill these life skills in the students , an **intra class drama activity – Play Your Way-** was organized for the students of class VI. It was an enjoyable learning activity for the students as it enabled them to work on their own (with the support of the teachers) and **showcase their creativity in various fields such as script writing, property making, dialogue writing and team management.**

## **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.

### **CLASS IV and V**

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.

- ‘Happy to Help’ was an initiative introduced in Class VI to boost the morale of the students and encourage the concept of ‘Peer Learning’ by bridging the gap between the under average and above average students. The students themselves volunteered to help and seek help. They were paired during the Class Teacher Periods and they discussed the

subjects and the areas where they required guidance. This initiative was appreciated by the parents in the PTM.

- An individual word box or a word folder from Aa to Zz has been prepared by children of Pre-primary II, using a small box or a visiting card folder, to enhance their vocabulary which they bring every Monday to share new words with their classmates. They keep adding new words to the box he/she comes across as per the alphabet it starts with. Magazines, newspaper, pamphlets, food wrappers etc. are being used to cut the word and add to the box.
- **To help students attain proficiency in reading, the Middle Department has initiated a Reading Programme in classes VI to VIII.** A whole range of new books catering to various genres has been procured for the Class Libraries giving the students ample opportunity to explore the world of books. All classrooms have a variety of books, allowing children to choose texts that match their reading ability. During the Reading Time, students read books to enhance their reading skills through carefully planned reading tasks that are age appropriate. Book Discussions and Book Reviews are some of the activities that are an integral part of this programme.
- **60 students from classes IX and X have registered for Times Spark, an initiative by Times of India. SPARK stands for Scholarship Programme for Awareness, Responsibility and Knowledge.** As part of this programme, The Times of India will carry engaging articles across a range of fields like current affairs, science and technology, sports, politics, social issues, global development and many more. Over a span of three months, these articles will provide multi-dimensional perspectives to help students get a deeper understanding of various interesting subjects. At the end, there would be an online test followed by an interview to assess the students' understanding and perspectives. Students who excel at the test stand the chance to win an educational grant ranging from Rs. 1 Lakh to Rs. 2 Lakhs.
- In order to make our students fluent in spoken English, two English monitors have been appointed in each section across classes VI to X. English Language Teaching periods have been incorporated in the students' timetable for the current session. Classes have an ELT period once a week where the students get an opportunity to take part in various activities like interviews, role play, group discussions, debate and Sight words, frequently used sentences and phrases have been identified and shared for practice with the students across all classes.
- Cultivating the habit of **Reading** is very essential. Reading develops creativity, imagination and above all, the mind. We have taken an initiative to inculcate a habit of regular reading in each of our students and have introduced the **DEAR Period – Drop Everything and Read.** This forty-minute period is devoted to a short meditation session followed by the reading session. The students of classes VI - VIII are encouraged to read a book and express their views on it. The students of class IX and X are encouraged to read the newspaper which is then followed by a class discussion.
- In order to promote reading amongst all, the ONRT (One Nation Reading Together) programme organized by the Library, was carried out successfully in all the classes on 25<sup>th</sup> November, 2016. All the classes were instructed to read silently in the presence of

the teacher. The entire school was involved from Montessori to Senior, teaching and non-teaching staff. Stories were also read out for those who are unable to read.

- As decided in the Library Management Task Force Meeting, an Online Readers Club was formed in October, 2015 to connect all the libraries of various BBPS units. Five Students from each unit of Bal Bharati from class IX and X were selected to form the English Readers Club. Every month these students discuss various issues, hold Book Discussions, Debate on given topics and organize other related activities.

## **E.LIFE SKILLS**

### **Thanks giving Week(9.12.19 to 15.12.19)**

**Thanking someone is a great gesture and we should practice it in our lives everyday. To imbibe this value among children,** ‘Thanksgiving Week’ was celebrated by the students of class 1 from 9th December to 15th December .Importance of using the three magical words- ‘Sorry’ ;‘Thankyou’ and ‘Please’ in our lives was highlighted.Children made Thankyou cards to give to their teachers/nurses/maids/bus drivers as a way of showing their gratitude and thankfulness.As a concluding activity students spoke a few lines on a person/ persons to whom they were thankful to.

**Community Lunch** - The children of pre primary department enjoyed community lunch on the occasion of Lohri, Makar Sankranti and Basant Panchami. The children sat as a community and ate lunch(Langar) together. They were explained the importance of zero wastage of food.

### **ASPIRE’ LIFE SKILLS TRAINING PROGRAMMEME 2019-20**

**‘ASPIRE’-LIFE SKILLS TRAINING PROGRAMMEME was conducted at Bal Bharati Public School, Pitampura from Nov 2019 to Jan 2020.** Four life skills training modules were conducted for class VIII under the programme. A total of approximately 350 students participated in the programme.

The following topics were incorporated into each of the modules and inputs on dealing with them were given from time to time through interactive discussions, experience sharing and examples.

- Etiquette and manners
- Anger issues
- Using slangs and inappropriate language
- Casual approach towards everything-health, appearance, grooming and academics.
- Time management and prioritization
- Self-esteem and body image issues
- Bullying
- Cyber addiction
- Defiant behaviour and not following instructions
- Peer pressure and boy girl relationships

The team appreciated the school administration and the staff for its support and cooperation in the execution of the programme.

Life skills activities

Life skill activities were conducted in the month of Dec.2019 and January 2020 for classes VI to IX :

VI A-I Electronic card making, Identification of components, Use of switches, Proper circuit connections

IX A-I Electronic Lantern

VII A-I Electronic card making

VIII A-H Electronic card making

VI-IX all sections Catapult Glider Fundamentals of creating model aircrafts, wing dynamics

VI A-I Sandwich Making Basic self-help culinary skills Hands on experience

VII A-I Sandwich Making

VIII A-H Bread Pastry Making

IX A-I Bread Pastry Making

The students thoroughly enjoyed the life skill activities and it proved to be great learning

**“Learning how to learn is one of the most important skills in life”**

Learning Life Skills equips students with the tools required to lead a productive life. With an aim to prepare students for life and to teach them the culinary skill, the meal planning lab of the school conducted a workshop for the students of class VII on 15 January 2020. Students thoroughly enjoyed the process of preparing a sandwich and learnt about the health benefits of the ingredients.

### **Gratitude Day**

There is something or someone in our life to which we are grateful. To express this feeling, the Gratitude day was celebrated on 18.2.20 in Pre School and Pre Primary. It was a gentle reminder to all of us that no matter how busy we are, we should never forget to be thankful. Children prepared gratitude slips in which they thanked their home, family, friends etc. and put them in the gratitude jar.

### **CLEANLINESS DRIVE**

To commemorate the 150<sup>th</sup> birth anniversary of Mahatma Gandhi various activities were conducted in Pre Primary.

Cleanliness Drive for class I was organized from 26<sup>th</sup> to 30<sup>th</sup> August, 2019. The drive was successful in fulfilling its objective of generating awareness amongst the learners about cleanliness around them, personal hygiene and some ways of becoming clean and green.

A rally along with pledge taking and cleanliness competition amongst the classes were conducted.

### **TREE PLANTATION DRIVE**

The students of Pre-school and Pre Primary planted saplings, recited songs on recycling and were also shown a module on “Planting trees”

Innovation in Science Pursuit for Inspired Research (INSPIRE) award scheme is an initiative of the Department of Science and Technology, under the Ministry of Science and Technology, Govt. Of India. INSPIRE aims at encouraging young researchers and future scientists. The following students are the school’s nomination for this award:

<b>Name of the student</b>	<b>Class at the time of nomination</b>	<b>Topics</b>
ADHEYAN GUPTA	X	Monitoring health of soldiers through GPS
PIYUSH GUPTA	IX	A multipurpose bottle
AARJAV JAIN	VIII	No more batteries
SOHAM GUPTA	VII	A Smart Shoe

- The Green Brigade of the Primary Department visited all the classes from III to V acquainting the students with the uses of the newly installed colour coded trash bins in the classrooms – blue and green. Besides explaining about the trash bins in the classrooms, the Green Brigade also acquainted the students with the other colour coded disposable bins at various places such as hospitals. Their efforts were well appreciated by the students and teachers alike.
- Children of Pre Primary collected woollens to spread warmth AMONG underprivileged children and people living in flood affected areas. Children were enthusiastic and happy to share their sweaters and jackets with children who have to go without woollens in this severe cold. Some Sarees were also collected and sent to the flood affected areas where countless women are struggling without enough sarees
- A team of five students of class IX undertook a pilot project of **spreading awareness** among the women about ‘Menstruation and the Need for Personal Hygiene’ for the Group D lady staff . The team elucidated the need to incorporate **personal hygiene** and through a ‘nukkad natak’ showcased the various taboos associated with this natural, physical process. The School is resourcing vending machine for sanitary pads.
- In order to create awareness among the juniors about their culture and heritage, the History students of Class XII gave presentations in Classes VI-X, on topics like 'Women in India', 'Vijaynagar Empire', 'Caste System- An Insight to Mahabharat', 'Mohenjodaro Civilization'. Various activities were undertaken:

Class X - Posters Designing (Women in India)

Class IX and VII - Worksheets (Caste System)

Class VI - Designing dress and accessories (Indus Valley Civilization)

Class VIII – Monument Designing

- Supporting the noble cause of the Swachh Survekshan mission, an initiative by the Government of India, Bal Bharati Public School, Pitampura has installed Sanitary Pad Vending Machines in the girls' washrooms of the school. Our institution believes in empowering young girls besides spreading awareness about menstrual hygiene and highlighting the need of maintaining high standards of cleanliness.
- As part of a CBSE initiative, students of classes IX and X are covered under the School Bank Champs Project by The Indian Banks' Association in collaboration with Child and Youth Finance International (CYFI). Under this project every school is required to choose a bank near their school for day to day interaction for enhancing the financial knowledge of the students. Bank of Baroda, Parwana Road is our Associate Bank.
- The Human Resource Development (HRD) Ministry, directed all the CBSE schools to observe 'School Swachhta Campaign' from November 1 to 15. The two-week long programme in which activities like Swachhta Art Exhibition, Project on Swachh Bharat Abhiyan an Inter-Disciplinary Activity, Advertisement Making, Hindi Group Song on Swachhta were conducted in classes VI-X. A Signature Campaign was organized for parents, teachers and students. Also, 'saplings' were sold to inspire people to grow more plants in their neighborhood. The campaign stirred a positive spirit in the students to contribute for the common welfare of the society and nation at large.
- School has initiated a yearlong programme on Career Guidance and associated skills for classes 8<sup>th</sup> to 10<sup>th</sup>. The programme is being conducted by Mr. Jatin Chawla and his team. Under this programme group and individual session are being held regularly. Students and parents are being individually guided for aptitude and stream choice in class 10<sup>th</sup>. The parents are highly appreciative of the whole programme.
- Prism Education conducted four workshops under its Life Skills Training Program – 'ACHIEVERS' in the academic year 2016-17 for the students of Class VI. The program is well aligned with the CBSE curriculum of Life Skills Training.
- ASPIRE Life Skills Training Program was conducted from July to October 2016 for the students of Class VII. Approximately 350 students participated in the program. The topics for the workshops were Enhancing your Self Confidence, Developing Positive Thinking, The Art of Effective Communication and so on.
- The Promise Group conducted Life Skills sessions throughout the year on various topics like Assertiveness, Leadership, Body Language and Dealing with bullies for students of Class VIII.
- In order to sensitize students about their duty as Indian citizens to respect every religion, Hindi department introduced a program named AHVAAN for students of classes VI and



VII. One period was allotted for this purpose and students were made to do group activities to enhance their knowledge about each religion, its origin and its teachings.

## **F. DIGITAL LEARNING**

A **BBPS Technical Advisory Panel (TAP)** has been created to look after all the **Technology needs beyond academics- Creativity, Security, Productivity, Social, STEM and Misc.** This is a group that will focus on embracing and adapting technology at minimal cost. The core group comprising of 11 members including the Principal and a parent will meet every month. The first meeting was held on 19<sup>th</sup> September, 2017. The agenda of the discussion was:

1. Checking the possibility of procuring Virtual Reality software's for students.
2. Making capsule videos for different activities (lesson plans) for students.
3. Merging website calendar with the google calendar.
4. Sending notifications to the parents/teachers through the same.
5. Checking the various applications under G suite.

The Core Group decided to select a group of Implementers (teachers, students and parents) who would carry forward and execute the decisions. Specific tasks were then discussed and assigned to task owners

- In order to develop innovative skills and inculcate interest for STEM education, our school has started **Technology Club** (Level I and II), for the Tech enthusiasts this year. Its aim is to teach students how to deal with all sorts of tools related to technology. In this club, they learn App development, coding and Robotics using Lego.

**Students of Level I (classes 6 and 7)** learnt the basics of gears, pulleys and levers. They developed a spinning top and power car using these parts. Lego EV3 kit was introduced. They constructed a basic bot. Students were introduced to programming and touch sensor of EV3.

**Students of Level II (classes 8 and 9)** were introduced to the microcontroller Arduino Uno kit. They started with basic Arduino programming and learned various interface. They developed the algorithm thinking skills in these sessions. They developed projects like a mood lamp using RGB, Object Avoidance Bot and Line follower Bot.

- **STREET PLAY-CASHLESS INDIA-** In an endeavour to spread awareness on the cashless modes of payment after the recent demonetization drive, the students of the Pinnacle Club took a great initiative in preparing and presenting a Street Play on the topic "Cashless India". The viewers gained knowledge about various online transaction modes.
- A workshop on Digital Content Designing Using Photoshop was conducted by Vaibhav Jain, an alumnus of our school on 30<sup>th</sup> April 2016. 30 students of classes VII to IX attended the workshop. He conducted an interactive session with the students and a hands on training session was also given to the students on Photoshop.

- Ishaan Agarwal and Shefally, alumni members of our school, conducted a workshop for classes VIII-X on 25<sup>th</sup> and 26<sup>th</sup> April, 2016 about the different avenues in the field of IT like Animation, Photography, Android Application Development and Website Designing. It was a very interesting and interactive session.

## **F. INTERNATIONAL CONNECT**

- As part of the Australia- India BRIDGE Project 2017, a Collaborative activities plan between two schools has been worked out and 10 students from classes IX and X have been appointed as school ambassadors to carry forward the same.

## **H. INITIATIVES FOR CHILDREN WITH SPECIAL NEEDS**

- It is the need of the hour to not only accept but also include people with intellectual disabilities in our society and thereby celebrate the similarities common to all. Our school has joined hands with 'Special Olympics Bharat' a movement the differently abled to fight their intellectual disabilities and train for the Special Olympics. A workshop was conducted by the Youth Leaders of A.P.J Public School in association with Special Olympic Bharat on 20th October, 2016. 21 students of class IX and X participated in the workshop. The session highlighted the need for an inclusive society, relayed through a spate of activities like – Obstacle Race, Chinese Alphabet game, Slogan Writing and Hoopla game, conducted along with open interactions. The student volunteers have taken up the task of working in close association with the 'SO Bharat' team as Youth Leaders and become active facilitator in their projects
- Scribes for children with special Needs (CWSN)-The school in coordination with the PTA Executive Committee formed a panel of PTA members who could act as Scribe for some of our Children with special needs (CWSN). At present eight students are using this facility. PTA Members have been very cooperative in providing this service on a regular basis throughout the year
- **Game Stall** run exclusively by the students with special needs - For the first time a game stall was totally organized and managed by the students under the coordination and guidance of the Special Educator and the Parents of CWSN students. Two games (Floating Island and Sunday Magic) were set up by the students.

## **BEST INNOVATIVE PRACTICES**

### **No Bag Day:**

The No Bag Day initiative started in the month of May was continued in December as well. The day was observed on 18 th December 2019. The students did not bring their regular bag that day. Instead, they

studied various concepts of different subjects through a plethora of activities designed by their respective teachers specifically for the day. The activities ensured that the students' interest remained intact at all times while ensuring that the concepts being taught were precise.

- **New innovative science kits have been exclusively designed for children of primary classes** to mix and blend education and fun. Special boxes have been purchased. Each box has been equipped with the material required for teaching a particular concept. The kits provide hands-on learning experience, foster curiosity and children have a lot of fun while experimenting.
- **PEER EDUCATION PROGRAMME**-Developed a collaborative programme between class XII students and the students of classes VI-X as part of their FA activity. The programme is coordinated by the art, the social science and the computer department of the school.
- **COMMUNITY SERVICE**-A community service team, created by the student volunteers of classes IX and X, is dedicated to maintaining cleanliness, school infrastructure and systematic student dispersal. The motive is to make the children "own" the school.
- **BEHAVIOUR MANAGEMENT PLAN**- A Behavior Management Plan has been introduced and has been provided to the parents. Inputs from both the student and parent community were integrated into the new plan. It was decided that the plan will be a corrective one, rather than a punitive one. Teachers were advised to hold discussions in the class regarding growing indiscipline and what steps could be taken to curb it. Students were asked by the teachers to list the unacceptable behaviors and the consequences for indulging in such behaviors. The consequence for indiscipline started from simple verbal warning to a long-term suspension. The severity of the consequence increases with the severity of the action.
- **CREATIVE EXPRESSION OF LEARNING**-We believe in giving our students ample opportunities to enhance their creativity and to showcase their talent. As part of this endeavour, a group of students of class VII presented a short skit prepared by them showcasing the teachings of Swami Dayanand Saraswati. Akanksha Mohanty of class VIII choreographed a dance performance to invoke Lord Ganesha which was performed during a special assembly.
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- **SKILL DEVELOPMENT PROGRAMME**-A series of meetings were organized to empower the parents to work as "Resource" for the children with special needs. Parents who were trained in some skills were guided to impart those skills to their wards. In the first phase, skills like jewellery making, envelop making, file and folder making, and many more were taken up.
- **STUDENT RESEARCH SPACE**- Creative Activities were conducted for students such as creating newsletters based on social issues and current affairs to enhance their literary and creative skills. Research based topics such as Road Safety, Eco Tourism,

Demonitization and so on were given to students to prepare presentations and showcase the same. All the students from classes VI- X were advised to read the newspaper everyday during their Autumn break to enhance their thinking, research and writing skills. The students expressed their views very articulately proving their enhanced general knowledge and comprehension skills by writing articles on Hazardous Vector Borne Diseases, Paralympics 2016, Indo – Pak Ties, Water Wars and India v/s US (political presentation/the electoral arrangement). In order to foster the research ability of students Integrated Holiday Homework was designed for students of classes VI-X on topics like ‘Odd-Even’, ‘My Delhi, as I see it’ and ‘Problems faced by women in the Indian society’. The students were required to gather information for an interdisciplinary project during their vacation by reading newspapers, magazine articles, videos, advertisements and other material available on the net on the topics given to them. The parents appreciated the meaningful task given to students.

- **BEYOND BOOKS**-Screening of short films is a regular feature in our school to enable learning through media. Films like ‘Road to Sangam’, ‘Respect for Elders’ and so on were screened in all the sections of classes VI-X throughout the year in order to inculcate values like respecting elders, patriotism and independence
- **USE OF DIGITAL RESOURCES**-A program was developed in which students created videos to enhance learning using digital resources like movie developer softwares(students had created a video taking excerpts from the movie Gandhi and related it to Nobel Prize winner Kailash Satyarthi )
- **EXPERIENTIAL LEARNING**-It has been our endeavour to facilitate students expand their horizons and learn through experience making learning a fun and lifelong event. As part of this project, a visit to *Hazzarat Nizamuddin Auliya’s Dargah* was organized for more than 200 students of Class X. They understood the history of the place and its relevance, and adored the various anecdotes about Hazzarat’s life. The aim of experiential learning is to sensitise students towards diversity, foster critical thinking, learn locally and act globally and break
- Pedagogical Initiatives are an important aspect of the school programme. Numerous training sessions and workshops are organised for the members of the staff. Teachers use their initiative and drive to devise new and effective methods to make teaching better.
  - For example -The lesson, **On the Face of It**, prescribed in the CBSE class-XII curriculum describes the anguish of a young boy, Derry, whose face had been marred for life, when acid accidentally fell on his face. In an endeavour to guide our students to being resilient and mastering the determination to embrace the ‘gift of life’, a trip was planned to ‘Sheroes’ a café in Agra run by the survivors of acid attacks. The students were prepared not to react to the scarred faces of the acid attack victims and had also been sensitised that the victims wanted to be accepted as normal. During the visit to the café, the students were subdued looking at the disfigured face of the victims, they were shown a documentary on how the irrational jealousy and cruelty of men had robbed the girls of their healthy face and pushed them into abysmal depths of sorrow. Every eye was moist when the students saw those very girls, moving amongst them, taking orders for food. Soon, the students lost their initial hesitation and were chatting

with the brave girls. Subsequent to the visit so much more than just the chapter had been 'taught'.

- Integration of technology in education is an established practice, with each classroom being IT enabled. Computer related clubs like the 'Robotics Club' enable the students to give wings to their talent.
- Class Presentations are a platform where each child gets an opportunity to come up on stage and perform. From classes VI to XII students give presentations on diverse topics like T.V./Radio Shows, street plays, music, 'Shakespeare in School' and so on. Such activities instill confidence and team spirit in the students.
- Career Orientation Workshops are conducted regularly for students from classes – VIII to XII to keep them abreast of the various career options available to them.
- The school offers a wide choice of sports to suit the needs and interest of all students. Each student can choose from 16 different sports like swimming, golf, skating, athletics, tennis and many more. The school provides training to students so that they excel in their chosen fields.
  - The school has initiated a continuous practice where in the sports coaches, class teachers and subject teachers of the school team players share information with regards to the student's performance in academics as well as in sports. Extra support is provided to the student/player. The school hopes to add strength to the student/player's achievements in both the domains simultaneously. Efforts for the same are already underway through the mechanics of 'one to one difficulty solving sessions' with the concerned subject teachers followed by regular assessment based on less syllabus/short duration tests.
- Life skills are an essential part of today's education. The school's education system provides for education in Life Skills to students across all ages and classes. The school's comprehensive Life Skills Programme includes activities like Awahan, Visit to orphanage and Old age home, Global citizen project, Awakened citizen programme, Heritage Walks & others.
- The state of the art infrastructure of the school offers equal opportunities to all students for their all round development. Well equipped modern labs, auditorium, computer enabled classrooms, best facilities in sports, fine arts, astronomy help to keep the students abreast with the latest advancements.
- The school has initiated a programme for mentoring the weak students of classes VI & VII. Students from classes IX and X act as teachers.
- The school encourages literacy through reading by forming an active 'Online Readers Club' and 'Good Reading' schemes.

- Each One Teach One: All the students of classes VI-X have been enrolled for the Rotary Indian Global Dream Campaign to make at least one adult literate. BBPS Pitampura, Delhi was chosen by Rotary International to participate in its 'Each one teach one' Project. Ms. Rachna Garg, teacher incharge of the project alongwith some selected students and their learners participated in the function organised by Rotary International at Amity University, Noida on 7th August, 2015. Vanshika and a learner Sh. Pappu Sharma also shared their views at the gathering. The function was presided over by President, Rotary International - Mr. K. R. Ravindran. This helped channelize youth energy and also makes them socially responsible.
- Remedial classes for weak students of classes X to XII are held every week on Tuesday and Friday.
- An **effective model of inclusive education** is followed where the students with special needs are provided differentiated instructions as well as academic and behavioural support by a brilliant team of counselors and special educators. Mandeep Kaur, Asst. Professor of Psychology at Kamala Nehru College , Delhi University, conducted a Social Skills Intervention Programme for students with special needs from 7th to 24th December, 2015. She, along with 10 other students who are studying psychology, worked with these students for an hour every day. The areas of intervention included raising self esteem, greeting people, role plays, team work, being assertive etc. Twenty students from classes I-X were part of this programme. A Felicitation Ceremony was organized on 24th December 2015. The students with special needs staged a cultural programme prepared by the group for the parents.
- A pilot project on '**Financial Literacy**' was conducted by Ms Vidya CEO, Prep My Skills for class XI commerce and humanities students on 22<sup>nd</sup> August, 2016. The main aim of the project was to enable the students to understand the best possible ways by which people can manage their finances. An interactive session was also conducted on 'Return on Investment'. The topic emphasized on how the money shall be invested so that we can have the maximum returns with minimum risk. A financial literacy workshop was held on 15<sup>th</sup> July, 2016 at Bank of Baroda, Parwana Road for the students of commerce stream. The functioning of various departments of the bank were demonstrated to them. They learnt about various types of accounts, how to fill bank slips, what are fixed deposits, how to use a locker and other facilities provided by a bank .
- The Primary Department has initiated '**Create a Newsletter**' activity from **22<sup>nd</sup> August, 2016**. Each section is divided into 4 groups. The students of each group choose their own topic, work together and create their own Newsletter. This time the topics varied from Save the Environment, Need for Car Pooling, News Buzz of the department, My Dreams, Visit to various interesting places and the Achievers of the class. The students enjoyed working together and created many beautiful newsletters which stand a testament to the fact that these young children can achieve great heights if given the challenge and an opportunity to prove themselves. This will be a quarterly feature. The Primary Department has also started a tradition of showing short animation movies based on our epics, saints and mythological figures on special assembly days like Janamashtami, Kabir Jayanti, Gurunanak Jayanti etc. Each movie is 20 minutes, after which a discussion is held on the personalities, their lives and the lessons children have learnt from them.

- A quiz based on the core values of Bal Bharati Public Schools was sent to all the staff members in four parts starting from 23<sup>rd</sup> July,2016 to 10<sup>th</sup> August on every Friday . The First Quiz was attempted by 121 staff members , Second Quiz was attempted by 107 staff members , Third quiz was attempted by 111 staff members and Fourth Quiz was attempted by 109 staff members .The first five correct entries of each of the four quiz got gift hampers on Teachers Day.