



# Bal Bharati PUBLIC SCHOOL

## ***CRWS, NISHATPURA, BHOPAL.***

*The Third Edition (Volume –III)*

*(October 2019- December 2019)*

### ***“The Fanzine Post”***







DIYA's made  
by our  
Students.



### **HIGHLIGHTS**

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- ❖ EDITORIAL
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- ❖ INTER SCHOOL COMPETITIONS
- ❖ COMMUNITY OUTREACH
- ❖ CELEBRATIONS
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- ❖ RALLY- VIGILANCE WEEK
- ❖ ACCOLADES
- ❖ THE MOST AWAITED  
"ANNUAL FUNCTION"

**"THE HARDER YOU WORK FOR SOMETHING, THE GREATER YOU'LL FEEL WHEN YOU ACHIEVE IT".**



## **FROM THE PRINCIPAL'S DESK....**

**"Success comes to those who work hard and stays with those who don't rest on the laurels of the past".**

We live today in a world that is so different from the one we grew up in. The World today is changing at such an accelerated rate and we as Educators need to pause and reflect on this entire system of Education. **Are our Schools well equipped to prepare our Children, to face the challenges that the future holds?**

This is the question that motivates us to go through a continuous process of reflection and hence we at Bal Bharati Public School work at implementing a well-balanced curriculum to ensure that the children of our School will not just love their School years but truly be prepared to face life's challenges.

Aristotle once said that, "*Educating the mind without educating the Heart is no education at all.*" Even as we impart education to match the advancement in the technology and globalization, we march our children ahead with Bal Bharati Public School ethos of Moral values and Principles. We endeavor constantly to instill these qualities in our children.

A Committed, Caring and Supportive Management, Dedicated Teachers, Co-Operative Parents blend harmoniously, to create a child-centric school. It is natural to find in this ambience, the intensive use of a variety of thinking activities, strategies and group dynamics, so that the classrooms become alive.

I am very sure through collaborative efforts; we can achieve more to benefit our students - who are the future leaders of tomorrow.

**Wishing you all a Wonderful year of possibilities..... and experiences.**



## **EDITORIAL**

**"Education is an all-round drawing out the Best in the Child and Man, body, mind and spirit".- Gandhiji.**

It is a matter of immense joy for the Staff and students of Bal Bharati Public School, Nishatpura, Bhopal to bring out this third edition of our Newsletter, 'The Fanzine Post'.

We love stories of great men who have contributed immensely to mankind. We read, admire and get inspired too. Great people are ordinary people doing things divergently.

School life is the time spent for grooming oneself. Jump into the vastness of opportunities and explore yourself. It requires a bit of stretching, courage to move out of your comfort zones and little self-confidence too. You will be amazed to see the Creative Richness in you.



## SCHOOL CLUBS

One of the requisites of peaceful co-existence is to learn team spirit and inclusivism. We here at Bal Bharati teach our children to work together and grow together. We inculcate this quality through different activities involving children.

### ECO CLUB

- Old Newspaper was used to make paper bags and Letter holders, thereby promoting - 'Say No to Plastic'.
- A rally was organized to educate the nearby people to avoid the usage of plastic.





The students planted saplings of various herbs and climbers in the School campus.

GARDENING CLUB



ART & CRAFT CLUB

+

Activities such as Book-Mark making was organised for the students of primary section.





Students were taught creative ways to use old plastic bottles and paintings on stone.



### QUIZ CLUB

A quiz on the History of CES was organized for the students of class XII.





## INTER SCHOOL COMPETITIONS

In the Dance Fiesta, our school team was declared as Runner's - up in the competition held at Gyan Ganga International Academy, Bhopal.



In an Inter School Science Drama Competition based on biography of Stephen Hawkins- the Great Physicist, Gyan Barde of class IX won the Best Actor Award.



In National Anveshika Experimental Skill Test, Kshitij Yadav of class XII participated and his project was selected in top 20 projects in round one and further stood at the 6<sup>th</sup> place among those 20 students.





In an Inter Bal Bharati Online Quiz Competition on the topic 'Element Release', our School was placed at the third position.



*Johann Wolfgang Dobereiner*  
**Dobereiner's triad**

**Triad sketch:** Dobereiner was a German chemist who in the first 30 years wrote three books that laid the seed of periodicity for the future periodic table. His most important publication, which was known as Ephemere lamp, He became a professor of chemistry and pharmacy at the university of Jena.

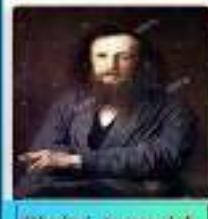
| Li | Be | B  | C  | N  | O  | F  |
|----|----|----|----|----|----|----|
| Na | Mg | Al | Si | P  | S  | Cl |
| K  | Ca | Ga | Ge | As | Se | Br |
| Rb | Sr | In | Sn | Sb | Te | I  |
| Cs | Ba | Tl | Pb | Bi | Po | At |



*John Alexander Reina Newland*  
**Newland's Octaves**

**Law of Octaves:** In 1865 the English chemist John Alexander Reina Newland gave the law of Octaves. According to him, elements can be arranged in ascending order of their atomic masses. He also noticed that elements with atomic number 8 or a multiple of 8 had a similar properties to that of the first element of the same row displacing 8 places of it.

| H  | Li | Ca | B  | C  | S | O  |
|----|----|----|----|----|---|----|
| F  | Be | Mg | Al | Si | P | Cl |
| Co | K  | Ca | Sc | Ti | V | Mn |
| Cr | Na | Ca | Sc | Ti | V | Cr |
| Fe | Mg | Ca | Sc | Ti | V | Cr |
| Co | Al | Ca | Sc | Ti | V | Cr |
| Ni | Si | Ca | Sc | Ti | V | Cr |
| Cu | P  | Ca | Sc | Ti | V | Cr |
| Zn | S  | Ca | Sc | Ti | V | Cr |
| As | Cl | Ca | Sc | Ti | V | Cr |
| Br | Se | Ca | Sc | Ti | V | Cr |
| Kr | Te | Ca | Sc | Ti | V | Cr |
| Rb | I  | Ca | Sc | Ti | V | Cr |
| Sr | At | Ca | Sc | Ti | V | Cr |



*Dmitri Ivanovich Mendeleev*  
**Mendeleev's periodic table**

**Biographical sketch:** In 1869 Russian chemist Dmitri Ivanovich Mendeleev started the development of periodic table, arranging chemical elements by atomic mass. He predicted the discovery of other elements, and left space open in his periodic table for them.

| I  | II | III | IV | V  | VI | VII | VIII | IX | X  | XI | XII |     |
|----|----|-----|----|----|----|-----|------|----|----|----|-----|-----|
| H  | Li | Be  | B  | C  | N  | O   | F    | Ne | Na | Mg | Al  |     |
| Ca | Sc | Ti  | V  | Cr | Mn | Fe  | Co   | Ni | Cu | Zn | Ga  |     |
| K  | Ca | Sc  | Ti | V  | Cr | Mn  | Fe   | Co | Ni | Cu | Zn  | Ga  |
| Rb | Sr | Y   | Zr | Nb | Mo | Tc  | Ru   | Rh | Pd | Ag | Cd  | In  |
| Cs | Ba | La  | Hf | Ta | W  | Re  | Os   | Ir | Pt | Au | Hg  | Tl  |
| Fr | Ra | Ac  | Rf | Db | Sg | Bh  | Hs   | Ts | Cn | Uu | Uub | Uut |

**Arrangement of elements according to law:-**

Mendeleev realized that the physical and chemical properties of elements were related to their atomic mass in a periodic way and arranged them so that groups of elements with similar properties fell into vertical columns in his table.

**Advantages:-**

- new elements have been discovered
- It gives a better idea of the relationship between the elements and their properties
- It helps to predict the properties of elements with similar properties

**Disadvantages:-**

- The atomic masses of all elements were not known
- the atomic masses of some elements were not in order
- It is not very accurate

**ELEMENTS**

|              |           |
|--------------|-----------|
| Hydrogen     | Helium    |
| Lithium      | Beryllium |
| Sodium       | Magnesium |
| Aluminum     | Silicon   |
| Phosphorus   | Sulfur    |
| Chlorine     | Argon     |
| Potassium    | Calcium   |
| Strontium    | Yttrium   |
| Barium       | Zinc      |
| Caesium      | Copper    |
| Rubidium     | Nickel    |
| Francium     | Cadmium   |
| Actinium     | Indium    |
| Thorium      | Thallium  |
| Uranium      | Lead      |
| Protactinium | Bismuth   |
| Polonium     | Polonium  |
| Radium       | Polonium  |
| Actinium     | Polonium  |

**Elements known at that time:-**



## **COMMUNITY OUTREACH**

Our students visited the Old Age Home, carrying some daily essential needs for them. The children experienced and realized the love for their family, particularly their grandparents grew stronger and deeper.

**'Opportunity, Words and Loved ones.... Once gone, they never come back!'**



Our Students, along with our Teachers organised a rally to preach the nearby people to keep their surroundings clean and be a part of "SWACH BHARAT ABHIYAN".





## SCHOOL CELEBRATIONS

The festival of Deepawali was celebrated with great jollification. The most highlighting poet of the Celebration were the kids of class I and II who presented the ' Ram- Leela'.



Gurunanak Jayanti was observed with a feeling piety in the surroundings. Hymns, Speeches and Extracts from the Guru- Granth Sahib were enacted- conveying the message of Guru Sahib.





**Children's Day was celebrated with great zeal and enthusiasm. A mesmerizing fancy dress show was presented by the Kids of class I and II.**



**The School celebrated Christmas in all its joy and happiness. Songs, speeches, dances and verses from the Bible were read, hence spreading the message of the Lord.**





## SCHOOL PICNICS AND VISITS

TRIBAL MUSEUM



SER SAPATA

BOOK FAIR





## SPECIAL ASSEMBLIES

### INTERNATIONAL DAY OF GIRL CHILD



### GANDHI JAYANTI





## SPORTS ACTIVITIES

### Inter School State Handball Championship 2019

The team stood at the 3<sup>rd</sup> position. Amrita Singh won a bronze medal.



### 4<sup>th</sup> MP State Muthai Boxing Championship 2019

They all achieved Gold Medals in their respective categories.





## WORKSHOPS AND SEMINARS

A workshop on Annual Pedagogical Plan was organised at St. Xavier's School, Bhopal. Key speaker for the occasion was Mr. Manoj Kotherkar Sri Satya Sai Gail, Vijapur. Ms. Pragya Shukla attended the workshop.



**Python- A workshop for Computer Science teachers was organised at BBPS Training Centre. Mrs. Ridhima Awasthi attended the workshop.**







Jay Singh of class XII has secured AIR- 2<sup>nd</sup> in IPRISM Awards 2019 in the comic category a competition organised by The Associated Chambers of Commerce and Industry of India. He has been awarded with a certificate and a cash prize of Rs. 15000/- by the Union Minister of State for Commerce and Industry, Government of India- Shri. Som Prakashji at New Delhi.



Satyam Rawat of 2015 batch has been selected on the post of Scientific Officer in Bhabha Atomic Research Centre (BARC), Mumbai. He is among the 21 meritorious candidates selected at All India Level.





# Annual Day Celebration

