



THE SCHOOL CONNECT

Celebrating
50
Years

Issue 10 | April, 2018

MELODY OF THE LEGEND Inauguration of Shri G.C. Lagan Marg

*A Proud Moment in the
History of Bal Bhavan*



Chief Guest Sh. Shyam Jaju (Vice President, BJP) and Principal Sh. B.B. Gupta inspiring essence encouraging the spirit of the day



Smt. Neema Bhagat (Mayor, EDMC) embellished the day with her encouraging words



Smt. Bhawna Malik (Councillor, EDMC) shed her graceful bliss on the event



Sh. Kulanand Joshi (Dist. Magistrate, East Delhi) motivated the very spirit of being the designer of one's destiny



Sh. Lalit Joshi sparked the insight of being a determined dreamer



Sh. Arjun Rana and Sh. Vinod Bachheti graced the occasion with their presence



Sh. Ramesh Kandpal along with notable guests gracing the occasion with their impactful performance



Smt. Kamlesh Devi along with eminent guests gracing the occasion

Passion and courage are those powers which can transform a person into a legend. Mighty attempts and dedication towards the unspoken dreams encores the loudest in the regime of dreamers and artists. One such philanthropist was our founder chairman Sh. G.C. Lagan. He gave this institution and our society, a progressive vision. He had a unique perspective that targeted the foundation of core ethics and values in order to develop successful personalities and progressive ideologies rather than developing the materialistic approach. The event of the foundation stone-laying ceremony of SH. G.C. LAGAN MARG was one such proud day when history recorded a visionary being immortalised forever.

On 12th April, 2018 Bal Bhavan Public School felt blessed to receive real life inspirations and register the prestigious presence of National Vice-President (BJP) Sh. Shyam Jaju, Mayor Smt. Neema Bhagat, Magistrate Sh. Kulanand Joshi, Councillor Smt. Bhawna Malik, Sh. Arjun Rana, Sh. Amrith Gautam, Sh. Lalit Joshi, Sh. Nandan Singh Rawat And Sh. Mula Singh. Sh. Ramesh Kandpal and Sh. Vinod Bachheti also graced the occasion. The landmark which now sings the tale of the legend was appropriately elaborated by the guest of honour Sh. Shyam Jaju and Sh. Kulanand Joshi. In their address to the students they acknowledged the contribution of Sh. G.C. Lagan to the society, his vision and the need to establish oneself as an inspiration to others. They also inspired the students by giving examples of young legends like Swami Vivekanand who established himself as an example even beyond the boundaries of our country. The event thus concluded with a promise to establish yet another milestone in the future to be able to set boundaries beyond infinity.

India and The World

TESS : NASA launches its newest planet-hunting spacecraft on SpaceX rocket



The National Aeronautics and Space Administration (NASA) launched Transiting Exoplanet Survey Satellite (TESS), a new planet-hunting spacecraft onboard of SpaceX's Falcon 9 rocket from Cape Canaveral, Florida, US. TESS mission is designed to carry out first space borne all-sky transiting exoplanet survey.

The TESS mission is led by Massachusetts Institute of Technology's Kavli Institute for Astrophysics and Space Research. It is designed to find potential planets by spotting decreased brightness of stars after planet passes in front of it.

The primary mission objective of TESS is to survey brightest stars near Earth for transiting exoplanets over two-year period. TESS observatory weighs just 362 kilograms. It has four wide-view cameras surrounded by sun shade to monitor any dips in brightness from target stars. Its main job is to find and characterize planets that will become main targets of future telescopes.

With help of TESS, it will be possible to study mass, size, density and orbit of large cohort of small planets, including sample of rocky worlds in habitable zones (goldilocks zone) of their host stars. This will reveal whether planets are rocky (like Earth), gas or jovian giants (like Jupiter) or something even more unusual.

India is now world's sixth largest economy : IMF



According to International Monetary Fund's (IMF) World Economic Outlook (WEO) for April 2018, India is now the world's sixth largest economy at \$2.6 trillion (in terms of GDP), displacing France. The five economies ahead are United States, China, Japan, Germany and United Kingdom.

IMF's April 2018 WEO

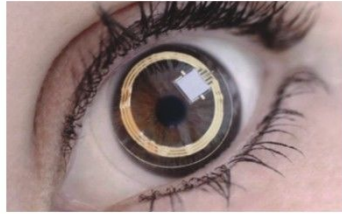
India is expected to grow at 7.4% in 2018 and 7.8% in 2019, making it fastest growing economy in the world. India has made progress on structural reforms in recent past, including through implementation of Goods and Services Tax (GST), which will help reduce internal barriers to trade, increase efficiency and improve tax compliance. The medium-term growth outlook for India is strong but important challenge is to enhance inclusiveness. Moreover, India's high public debt and recent failure to achieve budget's deficit target needs fiscal consolidation into a medium term to further strengthen fiscal policy credibility. The main priorities for India are lifting constraints on job creation and ensuring that demographic dividend is not wasted. For this India needs to ease labour market rigidities, reduce infrastructure bottlenecks, and improve educational outcomes.

Vinod Khanna honoured with Dadasaheb Phalke Award

At the 65th National Film Awards, late actor Vinod Khanna was posthumously honoured with the Dadasaheb Phalke Award. This award is considered as the highest honour in Indian cinema and is given for a personality's "outstanding contribution to the growth and development of Indian cinema". Vinod Khanna is the 49th recipient of the Dadasaheb Phalke Award.



USFDA approves world's first contact lens that automatically darkens when exposed to bright light



The US Food and Drug Administration (FDA) has approved use of *Acuvue Oasys Contact Lenses with Transitions Light Intelligent Technology*, world's first contact lens that automatically darkens when exposed to bright light. It is first of its kind contact lens to incorporate same technology that is used in eyeglasses that automatically darken in the sun.

These contact lens are soft contact lenses indicated for daily use to correct vision of people with non-diseased eyes who are nearsighted (myopic) or farsighted (hyperopic). They can be used by people with certain degrees of astigmatism, an abnormal curvature of the eye. These contact lenses contain photochromic additive that adapts amount of visible light filtered to eye based on amount of ultra-violet (UV) light to which they are exposed. This additive slightly darkens lenses in bright sunlight that automatically return to regular tint when exposed to normal or dark lighting conditions.

POSHAN Abhiyaan : 1st meeting of National Council on India's Nutrition Challenges held in New Delhi



The first meeting of National Council on India's Nutrition Challenges under POSHAN Abhiyaan was held in New Delhi. It saw participation of NITI Aayog Vice Chairman Dr Rajiv Kumar, CEO Amitabh Kant and representatives of various ministries of Central and State Governments.

National Council on India's Nutritional Challenges

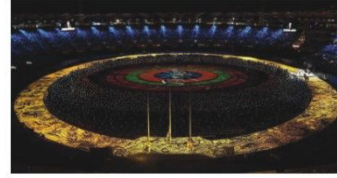
Its mandate is to provide policy directions to address countries nutritional challenges through coordinated inter-sectoral action. It is also mandated to coordinate and review convergence between Ministries and review programmes for nutrition on a quarterly basis. It will submit its report to the Prime Minister every 6 months.

POSHAN Abhiyaan was launched by Prime Minister Narendra Modi in Jhunjhunu, Rajasthan in March 2018. POSHAN stands for *Prime Minister's Overarching Scheme for Holistic Nutrition*. It aims to ensure holistic development and adequate nutrition for pregnant women, mothers and children. It targets to reduce level of under-nutrition and other related problems by ensuring convergence of various nutrition related schemes. It also targets stunting, under-nutrition, anaemia (among young children, women and adolescent girls) and low birth rate. It will monitor and review implementation of all such schemes and utilize existing structural arrangements of line ministries wherever available.

Mumbai-born Indian Australian scientist develops microfactory to tackle e-waste hazard

In a pioneering effort to tackle the growing mountains of e-waste, an IIT-trained Australian scientist of Indian origin at the University of New South Wales (UNSW) here has helped launch the world's first microfactory that can transform electronic waste (e-waste) like smartphones and laptops into valuable material for re-use. Professor Veena Sahajwalla, a materials scientist at UNSW and Director of the Centre for Sustainable Materials Research and Technology (SMaRT) at the varsity, said the e-waste microfactory is the first of a series under development and in testing at UNSW which is now actively wooing Indian students to its Sydney campus. These microfactories can also turn many types of consumer waste such as glass, plastic and timber into commercial materials and products. Using technology developed after extensive scientific research at the SMaRT Centre, the e-waste microfactory has the potential to reduce the rapidly growing problem of vast amounts of electronic waste that cause environmental harm and go into landfills. The microfactories can use e-waste like computer circuit boards to make metal alloys such as copper and tin, while glass and plastic from e-devices can be converted into micromaterials used in industrial-grade ceramics and plastic filaments for 3D printing.

Commonwealth Games 2018 Medal Gold Coast CWG



The 2018 Commonwealth Games, officially known as the XXI Commonwealth Games and commonly known as **Gold Coast 2018**, were an international multi-sport event for members of the Commonwealth that were held on the Gold Coast, Queensland, Australia, between 4 and 15 April 2018. It was the fifth time Australia had hosted the Commonwealth Games and the first time a major multi-sport event achieved gender equality by having an equal number of events for males and female athletes. More than 4,400 athletes including 300 para-athletes from 71 Commonwealth Games Associations took part in the event. The 2018 Commonwealth Games (CWG) ended with India finishing third in the medal's tally. India won 66 medals in all - 26 gold, 20 silver and 20 bronze. Australia, as expected, topped the chart with a staggering 198 medals. Their total number of gold medals was almost thrice as much as that of the next three nations. Cook Islands, Ghana, Norfolk Islands, Seychelles and Solomon Islands finished tied in the last position on the final medal tally. They all could manage just a single bronze medal each.

11th World Hindi Conference to be held in Mauritius

The 11th World Hindi Conference/ Vishwa Hindi Sammelan is scheduled to be held in Mauritius in its capital city Port Louis. It will be held from 18-20 August 2018 at Swami Vivekananda International Conference Center. It will be organised by Ministry of External Affairs, Government of India in association with Government of Mauritius. The logo was described by Mauritius Education Minister as the image of a ship struggling to keep sailing in the water is similar to what the difficulties Hindi is facing today. The theme of the Conference is "Vaishvik Hindi Aur Bharatiya Sanskriti". The venue of Conference is Swami Vivekananda International Convention Centre, Pailles Mauritius. The First World Hindi Conference was held from 10 to 12 January 1975 in Nagpur and was inaugurated by then Prime Minister Indira Gandhi. Since then, ten such Conferences have been held in different parts of world.

Humanity's first flight to Sun set to launch in July : NASA

NASA's Parker Solar Probe is seen past a curtain inside a cleanroom at Goddard Space Flight Center. Parker Solar Probe will explore the Sun's outer atmosphere and make critical observations about the physics of stars. NASA's Parker Solar Probe humanity's first mission to the Sun is undergoing final preparations for its launch scheduled for July 31. The spacecraft was flown by the US Air Force to Florida, where it will continue testing, and eventually undergo final assembly and mating to the third stage of the Delta IV Heavy launch vehicle. After launch, it will orbit directly through the solar atmosphere the corona closer to the surface than any human-made object has ever gone. While facing brutal heat and radiation, the mission will reveal fundamental science behind what drives the solar wind, the constant outpouring of material from the Sun that shapes planetary atmospheres and affects space weather near Earth.

Voice Your Opinion

... it matters!!!

In the last edition we asked to discuss the pros and cons of "Compulsory Yoga in Schools".

Here are some of the views of our readers:

Yoga as we all know is one of the greatest source of harmony of soul and mind. And being a student it is very important for us to have a great focus and concentration, both of which can only be achieved once we have peace of mind. So yoga becomes utterly beneficial as well as advantageous for students who wish to succeed.

— Yash Joshi, X-A

It is a best way to gain some peace in this busy world. It gives strength and beauty to our soul. Yoga is one of those activities which makes India gratified in the whole world. We should promote Yoga classes in our school as it will create a peaceful environment and help students understand the value of Indian culture as well as the core essence of it.

— Ryna Saxena, X-A

In today's hectic school life, giving 5 minutes of our schedule to yoga can help to sooth our mind and can even help to improve our concentration. Apart from increasing focus, yoga also helps to improve memory and other beneficial factors in a student's life. It helps to reduce hypertension, which is a common problem among students during exam-time.

— Risht Sharma, X-A

Yoga makes a significant difference in the sense of well-being of children of all ages and from all backgrounds. Yoga generates positive emotions and compassion. It teaches children to be gentle with themselves and others. Regular practice of yogic postures enhances the ability of students to concentrate, to deal with impulsive behavior and to think more clearly.

— Mrs. Deepti Sareen, PGT English

Today when everything is open on the internet, yoga helps the children to gain control over their mind and body in all the aspects. Most of the children are suffering from posture problems, so yoga helps them to maintain right posture.

— Anju Mehniratta, TGT Science

Yoga is a not only an ancient art rather it has defined our life in a new light. While on one hand yoga serves to be one of the biggest stress busters on the other it acts out to be a medium of composing yourself in order to realize our true personalities. As students it can help them to attain patience and required mental calibre during problem solving situations. It is a great way of enhancing one's personality and gain the required element of peace while covering various milestones in life.

— Rivika, TGT English

This Week's Question :

Considering India's performance in recent Commonwealth Games 2018 held at Gold Coast Australia, it is observed that often the sports stars bringing laurels to the nation are valued and are in limelight for a short time. However, their identity diminishes within months. What according to you should be the role of government in promoting these sports stars and their skills?

Send us your views in 50-60 words latest by 18th May, 2018 at theschoolconnectbbsmv@gmail.com

Science Innovation & Fair (SIF 2018)

There is a single light of science and to brighten it anywhere is to brighten it everywhere...

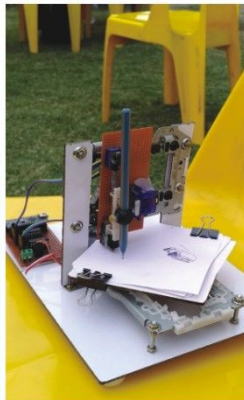
With this fervour and perseverance, students of XII Science participated in science and innovation fair on Monday, 23rd April 2018 organised by Modern Public School in association with FGSI (Foundation for Global Science and Initiatives)

The fair was graced by **Dr. Ram Bhoj, Programme Specialist, Environment and Natural Heritage- UNESCO**, **Dr. D.K. Pandey Vice Chairman FGSI** and other eminent professors and scientists from various spheres of science and technology.

Kartik (XII-B) and **Gaurav Rawat (XII-A)** gave a wonderful demonstration of their academic acumen in consummation of Science and **won Silver Medal** in Physics category under the guidance of their physics teacher **Mr. Anil Batra**. They made CNC PLOTTER which can reduce printing cost.

It was an incomparable and extraordinary platform for students to rise above the mundane and become genius.

Science is indeed a beautiful gift to humanity and we tried out utmost to use it judiciously in benefit of one and all.



Bal Bhavanites put up an appearance in 16th International Energy Forum (IEF '16)

Marking the growing prominence of India in the global energy map, the Government of India hosted 90+ delegations including 50 energy ministers, 30 CEOs, 12 heads of international organisations and 500+ guests in the 16th International Energy Forum Ministerial (IEF16), inaugurated by the Prime Minister Shri Narendra Modi on 11th April, 2018 at The Taj Palace.

IEF16 is the largest gathering of Energy Ministers from across the globe, industry leaders and heads of key International Organizations who debated upon the future of global energy. It was a moment of pride for Bal Bhavan Public School as 91 students from classes VIII and IX participated in the ceremony by hoisting flags of different countries as a mark of collaborative effort of all those who are sharing a common vision. As part of that charismatic moment our students got the precious opportunity of giving a warm welcome to our Prime Minister Shri Narendra Modi by sharing the same stage with a visionary like him. The experience was irreplaceable and surely left an inspiring imprint on the young hearts.



PM Shri Narendra Modi inaugurates the 16th International Energy Forum ministerial meeting in Delhi

Excursion to "National Bal Bhavan"

It was a yet another exciting and rejuvenating experience for the students of primary wing, wherein they got a chance to visit National Bal Bhavan at ITO. The visit was undertaken by students of primary wing on different days, wherein they were made to experience a vast spectrum of learning in fun filled environs. They were introduced to the origins of their country India; the rural India, the ancient antiques and regional painting. It was a learning experience for students filled with excitement and amaze. They saw various exhibits at the place and were delighted to learn about the same.



IMPRISONED ONLINE !!

Inter-house Dramatization on Cyber Well-Being

In a world where social media is turning out to be the life saving elixir, people are somewhere losing track of the real world. In order to spark the ember of consciousness upon the issue of cyber well being an inter-house dramatization competition was organized on 20th April, 2018.

The competition was a brilliant exhibit of our contemporary society which is gradually losing its identity in the web of social networking sites. The event was applauded for its contemporary vision and ability to comprehend and find solutions for this alarming topic at a global level. Every team focused upon leaving a deep imprint upon their audience through the deep message embedded in their acts, such as the loss of sensitivity and understanding, talking fingers and silent mouths.



Jagriti house took away the winning medal.

The competition helped us to see that although cyber world has become our utter necessity and a tool to ensure success, somewhere it has handicapped us as well. It has resulted in crafting a consciousness which seems to have lost itself in the virtual world.



ROAD TO FUTURE...

Career Counselling Seminar By Mr. Jitin Chawla And Ms. Aruna Broota

What after class 12th? It is one of those questions which echo in the mind of all those students who step into class 12th, the conclusive chapters of their school journeys. In order to help our students to arrive at a conclusive decision, our school organized a visit to a career counselling seminar by Mr. Jitin Chawla at Siri Fort on 19th April, 2018.

The seminar was not merely a session discussing possible opportunities but a well strategized event where Mr Chawla talked to the students about various career options as per their interest areas, talking about industries and fields which were new, creative and promised a successful career. The stage was also shared by an experienced psychologist Ms. Aruna Broota. Thus the discussion covered topics such as time management of one's academics, social and personal life throughout the year in order to achieve the best possible output. Stress management which is a prominent issue was also part of it.

The HR's from various institutions served as the expert hands of various fields and supplied the students with the ground reality once they move out in the society seeking professional help. Thus the visit served as a real bubble buster and support to the conscious paving a way ahead.



AIR CONDITIONERS ARE THEY REALLY COOL ?



In the sweltering heat of summer, Air Conditioners have become an intrinsic part of daily living, for most of us today. Without even realising, we now spent a major part of our day enclosed in an Air Conditioned space, be it the office, home, car, restaurants or shopping mall.

OUR BODY AND AIR CONDITIONING

1. Air conditioning creates an artificial change in temperature. We create stress within our body to adjust between two extreme temperatures, causing a weakening of the immune system, overtime.
2. Low temperatures cause internal shivering in a person's body. Shivering for a long time causes the body to produce more heat which leads to constant fatigue.
3. The chilling cold air tends to harden or dry the mucous gland. In the absence of adequate protective mucous, we become more vulnerable to attack by viruses.
4. Overexposure to cold temperature tends to dry out eyes, causing irritation, itchiness and tearing of eyes.
5. Cold air produced by air conditioners significantly dries out skin cells, by damaging and creating fine lines, making the skin rough and dull.
6. Due to the build up of moisture in the coils and ducts, (and the condensation that forms while the cool air passes through), many kinds of bacteria and fungi breed, which can lead to chronic breathing problems.

EARTH & AIR CONDITIONERS

Air conditioning is also adding to the rising temperature s of the earth. They consume huge amounts of energy to function. According studies, USA uses as much electricity to keep buildings cool, as the whole of Africa uses for all its electrical needs.

All the hot air that seems to be magically disappearing from our homes and offices is just being pumped out into the local atmosphere, creating atmospheric 'heat bubbles' over the local area or even an entire city. These heat zones disrupt natural weather patterns.

A huge number of air conditioners use HFC's which is far more damaging than carbon dioxide, when it comes to contributing to the greenhouse effect.

NATURAL COOLING SYSTEM

*Our human body has an inbuilt way of cooling itself down. The largest surface area in our body the skin, has up to 2.6 million sweat glands, all acting as mini A/C's for the body. The heat within the body is brought up to the skin and discharged through sweating. The more our body needs to cool down the more profusely we sweat.

*Trees are nature's air conditioners. Trees make the micro environment more comfortable to people not only by shading off direct solar radiation, but also by lowering the temperature of the area. Studies say, trees-when properly placed around buildings, can reduce air conditioning needs by 30%.

Happy Cooling!!



Source : Tree Hugber.com

Shutter Bug



The river moves, but it follows a path. When it tires of one journey, it rubs through some rock to forge a new way. Hard work, but that's its nature.



Credits : KUSHA VARSHNEY, X-A



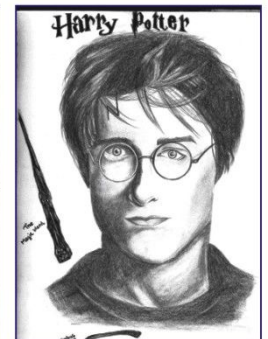
Surya Jha, II-F



Aryan Verma, IX-C



Khushi Jha, VII-A



Rezaullah, IX-F



BUILDING YOUR HOUSE

An elderly carpenter was ready to retire. He told his employer-contractor of his plans to leave the house-building business to live a more leisurely life with his wife and enjoy his extended family. He would miss the pay check each week, but he wanted to retire. They could get by.

The contractor was sorry to see his good worker go & asked if he could build just one more house as a personal favour. The carpenter said yes, but over time it was easy to see that his heart was not in his work. He resorted to shoddy workmanship and used inferior materials. It was an unfortunate way to end a dedicated career.

When the carpenter finished his work, his employer came to inspect the house. Then he handed the front-door key to the carpenter and said, "This is your house... my gift to you."

The carpenter was shocked!

What a shame! If he had only known he was building his own house, he would have done it all so differently.

So it is with us. We build our lives, a day at a time, often putting less than our best into the building. Then, with a shock, we realize we have to live in the house we have built. If we could do it over, we would do it much differently.

But, you cannot go back. You are the carpenter, and every day you hammer a nail, place a board, or erect a wall. Someone once said, "Life is a do-it-yourself project." Your attitude and the choices you make today, help build the "house" you will live in tomorrow. Therefore Build wisely!

What is the TeleHuman?

It is a holographic videoconferencing system that allows people in different locations to appear before one another in life-size 3D as if they were in the same room. The technology uses a ring of intelligent projectors mounted above and around a retro-reflective, human-sized cylindrical pod. Objects are projected as light fields that can be walked around and viewed from all sides simultaneously by multiple users. Capturing the remote 3D image with an array of depth cameras has allowed researchers to beam 3D images of a human from one room to another. Because the display projects a light field with many images, one for every degree of angle, users need not wear a headset or 3D glasses to experience each other in augmented reality. The device made its debut in 2012.

DEMISTIFYING SCIENCE



ATAL COMMUNITY DAY

Bal Bhavan Public School participated in the celebration of Atal Community Day organised by SNEH International School Under the able guidance of Atal Innovation Mission, NITI Aayog, on 14 April, 2018, to commemorate Dr. B.R. Ambedkar's Birthday. The Community Day seeks to foster an environment of innovation and creativity by exposing children to various ideologies and methodologies that are taught within the Atal Tinkering Laboratories.

The ATAL Community Day was a hands-on-session to introduce students to the world of tinkering & innovation under the able guidance of qualified and efficient mentors. This helped our students to interact with other students of different backgrounds and create an environment of empathy where they can benefit from the exchange of ideas.

Bal Bhavanties made a project named AIM- Auto Intellect Mechanism. Young scientists proved that interaction is the key to true innovation and they made the ATL Community Day, a great success.

Young Innovators were also engrossed in Introductory Sessions on Motivation and Design Thinking which were conducted by Dr. Farheen Naqvi and ATL Incharge.



Inter-House Poetry Competition

Poetry is a language which transcends the limits of defined. It inculcates the required creativity, imagination and sense of art in the students. In order to promote these values in the students our school organized an inter-house poetry competition from classes 6th to 8th on 27th April, 2018. The students were asked to prepare their poetries upon the burning topics of the day, as expected the results were enthralling for the students were able to come up with contents which were contemporary in nature and the poetries conveyed their artistic insight and desire of introducing a reform in the society. Sakshi Mohan and Sakshay Ahlawat of pragati house bagged first position in the girls and boys category respectively for their poetries were eye-openers for the young generation who is losing themselves in the web of a virtual reality created by the social media and its consequences. At a conclusive note the competition proved to be an aesthetic and contemplative journey.



THE LAMENTS FOR WATER CRISIS



The issue is a grave concern of the present era, where the quality of drinking water is deteriorating day by day along with the reduction in its quantities. With little efforts school sought to spread awareness about the issue amongst students and society. This year's Earth Day celebration was specifically dedicated to the issue wherein the student of class X, presented a special assembly where the concern was highlighted through various performances. Mime act was one such performance which highlighted the origin of rivers, which is pure and serene and how with its journey towards the ocean, human activities pollutes its identity. It sought to shiver the hearts of the viewers to monitor their activities and mould them towards the appropriate usage.



The school's tiny tots were also guided to do their little in the direction. Through various activities students were guided to save the precious entity of human life. The save water drive was carried out from 23rd April to 4th May, 2018 wherein the students were asked to come dressed up in the colours of blue. The nursery kids were made to recite a rhyme on the water safety. The drive was followed with a story session wherein the story of the origin of water from the Himalayas and the human efforts that can help solve the crisis were highlighted. The school also sought to gather parent feedback towards the concern and guided them to tutor their child the need to saving water.



EDUCATIONAL EXCURSION

"Learning is the process whereby knowledge is created through the transformation of experience."

- Albert Einstein

We, at Bal Bhavan, believe in experiential learning and therefore, provide multifarious opportunities to our children in order to strengthen the concepts learnt in the classroom. Students of Grade 7 got such an opportunity in the recent Educational trip to the Mother Dairy plant, Patparganj and the Traffic training centre, Connaught Place, organised by the school on 23 April, 18.

As the students arrived in the compound of the Mother Dairy Plant, they were directed to a conference room where they were given a brief introduction of White Revolution Movement led by our former prime minister Shri.Lal Bahadur Shastri to provide an uplifting growth & led a transparent system in the milk production in our country. He also demonstrated about the milk processing stages(1.Clarification, 2.Homogenisation, 3.Standardization 4.Pasturization) with the help of PPTs. The students also learned about how milk is collected from the corporate farmers, strictly undergoes 23 quality control tests. After the question and answer session, they finally got a chance to visit the factory. The students were shown some adulterant tests, cleaning of milk transport tankers & large SILO containers(each with 1 lakh litre capacity). They gave the information about importance of milk(mainly for teenagers & working class) and its composition, about all the milk varieties(token ,toned, full cream & skimmed milk) based on its fat and SNF (Solid not fat) and how these are to be used by different age group peoples.

Students also went to the Traffic Training Park on the same day. The visit was an enriching experience as the children were explained about the various traffic signs, the significance of a pedestrian crossing as well as the roundabout, traffic lights, petrol pump, ambulance etc. The icing on the cake was the presence of the trained traffic police officers, who enhanced their learning further by telling them the rules and etiquette to be followed when on the road, as well as how to move when we are around the school, hospital, library etc.

It was heartening to see the children imbibe learnings from their surroundings.



Understanding Careers : A Guide for Students



This column is initiated to aware our students about the various conventional and unconventional career options available to them after +2. If u want us to discuss a career of your choice, or if you are curious to know more about the career option discussed in this edition, please feel free to contact the school counsellor or email us.

ACTUARIAL SCIENCE

Actuarial Science is a branch of science that deals with the use of mathematics and statistical methods combined with economics and financial knowledge to asses risk in finance, insurance, and other industries. The professionals who are qualified in this field through intense education and experience are known as "Actuaries". They apply their mathematics and statistics skills to solve real business problems. Actuary calculates insurance risks and premiums.

Eligibility Criteria

You can make your career as an Actuary, if you meet the given eligibility criteria:

- Candidate must be 18 years old.
- The student should be a 10+2 (HSC) or equivalent pass-out with English as one of the subjects and secure a minimum of 85% in Mathematics or Statistics.
- Candidates who qualify their Graduation/Post graduation with Mathematical subjects.
- Those candidates having any other professional degree (Engineering/CA/CS/MCA/MBA) can also make their career in this field.
- Candidate should be a qualified member of the respective Professional Bodies: Fellow of Insurance Institute of India (III), Certified Institute of Financial Analysts of India (IFAI), The Institute of Chartered Accountants of India (ICAI) & The Institute of Cost and Works Accountants of India (ICWAI) & pass with the subjects: Mathematical Basis of Insurance and Statistics.
- After completing your Graduation and Post-Graduation, you can join any of the given professional bodies of India as a student member and become a fellow in IAI.

Admission

The Actuarial Society of India or Institute of Actuaries of India is the only professional body of Actuaries in India that was formed in 1944. The Actuary is a fellow member of the Institute of Actuaries of India (IAI). IAI is the professional examining body that organizes certificate, fellowship level & Associateship level examinations.

Procedure to become an Actuary :

- For admission in IAI you have to appear for the given entrance exam: Actuarial Common Entrance Test (ACET 2018).
- To become an actuary, Candidate has to qualify the actuarial science exam that is conducted by the IAI and have 3 years of practical work experience.
- After qualifying these examinations, candidate becomes eligible to be admitted as an Associate Member of the society. They can use AASI against their name as a registered actuary.

Skills required to become an Actuary :

- Depth knowledge of statistics and Mathematics
- A good sense of business
- Natural problem-solving
- Possess good modeling skills
- Good communication skills

Top Recruiters :

- Max Bupa Health Insurance
- McKinsey Advanced Healthcare Analytics
- Directorate of Postal Life Insurance
- PwC Actuarial Services India
- IDBI
- Mercer
- E&Y
- Swiss Re
- Towers Watson
- WNS
- Milliman
- Future Generali

Top Institutes :

- Narsee Monjee Institute of Management Studies (Mumbai)
- Actuarial Institute of India (Mumbai)
- Institute of Certified Risk and Insurance Managers (Hyderabad)
- Aligarh Muslim University
- University of Pune
- Birla Institute of Management Technology (New Delhi)
- Bishop Heber College (Tiruchirappalli, Tamil Nadu)
- Delhi University
- The National Insurance Academy, Pune



WORDS CUT DEEPER THAN A KNIFE

It causes agony deep in my heart
there is no treatment to cure this torment
because these wounds cannot be healed
the chance to stand is already sealed.

It gives me a concealed scar
even when the misfortune was far gone
One more page is added to my history
which exhibits me as a moron .

A wound with blood is much better
than the one which root heart break
A wound with tears is much better
than the smile which is fake.

A wound which is visible is much better
than the one which turns into an invisible scar
A wound which is visited by a doctor
is much better than the one visited by despair .

Because words cut deeper than a knife
well enough to wreck my life
Rehearse in my head daily
but I face it blissfully .

Oh I hope they just take back their words
Water and words are easy to pour but impossible to recover.

My vision is already blurred
with my eyes full of tears
because words cut deeper than a knife
but move on ,this is life .



- Ryna Saxena, X-A

Miracles go real...the anatomy of Surgeries

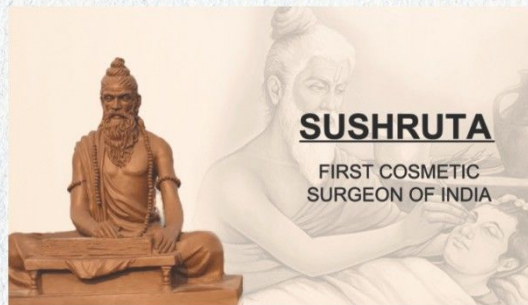
Ever thought??? What if the present day solution to several illnesses through surgery would not have been introduced in the field of medicines...we can certainly not imagine the supposed emergency...however when we talk about human body and the mysteries in its construction...we definitely can't thank enough the discoverer or the one who gave us all the intricate details of the same. The modern day techniques and advancements which

help us see the insides of human body were invented much later and rather in recent past... however the complexities of the same were revealed much before in the age of 6th or 7th century BCE. We are certainly fortunate enough to be born in a country of intellect and excellence, where the foundations of all complex processes and mysteries were laid and later flourished beyond the horizons.

Sushruta (c. 7th or 6th century BCE), fondly known as the Father of Indian Medicine and the father of Plastic surgery, showed a ray no less than miracle in the field of medicine with the introduction of surgery as a process to heal and cure several illness. Where Ayurveda is considered as the oldest medical system dating back to the vedic period of India (c. 5000 BCE), the discoveries of this ancient sage, turned doctors no less than gods. Maharishi Shushruta together with his colleagues introduced and conducted the variety of complex surgeries such as caesareans, artificial limbs, cataract, urinary stones, fractures, and most specially the plastic surgery. His famous book (Shalya Tantra) is about all the surgical procedures. Shalya Tantra was later named as the Sushruta Samhita containing the details about the ancient medical sciences of India, is well known as the Ayurveda. In the book, he described all the amazing surgical procedures with the accuracy and curative efficacy.

He was the first person who had classified the surgical operations and explained the concept of plastic surgery as well as its tools in his book of 120 chapters in five parts with a description of around eight special operations for surgery, such as the cutting, piercing, opening, scratching, inserting, and stitching. Maharishi Sushruta had worked as both, the practitioner and the teacher of surgery. His contribution towards the Indian traditional medicine and the ancient cultural heritage of India will always be a precious.

Want to Know more about Sushruta...Google out!!!!



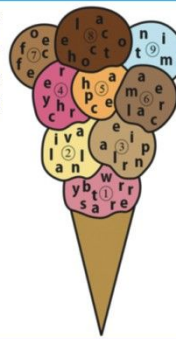
SUSHRUTA
FIRST COSMETIC SURGEON OF INDIA

TODDLERS' ZONE

10 WAYS TO BE A GREAT STUDENT

1. Come to school every day.
2. Have your supplies ready.
3. Keep your materials organized.
4. Pay attention in class.
5. Complete assignments on time.
6. Follow directions.
7. Ask for help when you need it.
8. Participate in class activities.
9. Follow all school rules.
10. Always do your best.

Andrew couldn't decide what flavor of ice cream he wanted most, so he just asked for a none scoop cone. Unscramble the letters on each scoop to find out what flavours he enjoyed.



1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

FIND THE PATH



GENERAL KNOWLEDGE QUIZ

- 1) Which is the coldest location in the earth?
- 2) Which is the hottest place in the earth?
- 3) Which is the animal referred as the ship of the desert?
- 4) Which is the nearest star to planet earth?
- 5) Which is the least populated country in the world?
- 6) Which is the fastest animal on the land?
- 7) Which is the most sensitive organ in our body?
- 8) Which is the principal source of energy for earth?
- 9) What are the two holes in the nose called?
- 10) Which is the longest river on the earth?



Students can mail their answers on the E-mail ID and answers of the above quiz will be published in our next month school connect along with the names of the first three winners.

FLAME LESS COOKING FOR KIDS

Summer time could get quite harsh in the kitchen. With the mercury soaring, it is almost impossible to stand in front of the stove to even cook simple dishes. Fret not! We bring you a smashing recipe that requires no gas cooking - all you need are simple ingredients and a few minutes of your time.

During the summer season, cucumbers can really help in retaining water content in your body. And there is no better way to beat the heat than enjoying a couple of cucumber sandwiches for breakfast.

Quick Recipe of Cucumber Sandwich

1. Cut cucumber in small slices.
2. Spread butter and green chutney on top of the slices of bread.
3. Place the cucumber slices on one bread slice and sprinkle some chaat masala and black pepper powder.
4. Cover it with other slice and cut the sandwich into desired pieces.



You can serve this sandwich with tomato ketchup or dry chilli-garlic chutney.

HOW TO GROW A CARROT TOP

You will need

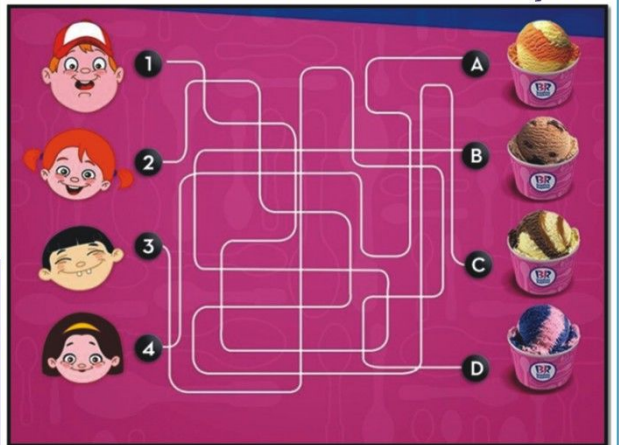
- Carrot top (2-3 cm from stem with some root growth remaining on top)
- Shallow dish
- Water
- 10 Cotton wool
- Sunny and protected spot

Simply add a layer of cotton balls to your small dish. Add a light dribble of water over the cotton balls so they are wet but not completely flooded with water. Press your carrot top into the wet cotton balls and place the dish in a sunny location. Be sure to check that the cotton balls remain wet throughout the growing period. You do not want to dry them out.

It will take a few days for children to see the carrot top begin to grow, however, once it starts it will grow quite quickly when in the right conditions.



Match the kid with the ice-cream. Follow the path?



Reading is THINKING!

Predict: Use clues to infer what may happen.

Connect: Use what I know to understand the text better.

Infer: Use Clues and what I know to make sense of my reading.

Question: Ask questions while reading.

Visualize: Create mental images of what I am reading.

Summarize: Determine which ideas are most important.

life skills

1. Prepare a first aid box and learn how and when to use it.
2. Indulge in yoga and meditation. Learn any 5 asanas
3. Screen fasting: Avoid using phone, watching TV once a week.
4. Read newspaper daily and note down the headlines with date.

Leisure Time

- Learn and polish your hobbies these holidays like swimming, playing, dancing, cooking, etc.
- Enrich your reading skill by indulging in the reading material outside the curriculum like a novel, magazine, etc
- Play more outdoor game like cricket, badminton, etc.

Super Summer Skills Pack

- Plant some trees in these holidays and show your love for the nature.
- Spend your vacation away from the city life closer to the nature.

Mother Earth

Welcoming the new buds...



The school's new session for nursery kids began on 5th of April, 2018. The new learners are often found excited, sometimes worried and sometimes perplexed about the new environs they are entering into. Considering such worries and concern, school welcomes the new buds of the school with warmth of concern and also rejoices of entertainment.. The school ensures that their first day is with filled with delight and energies and the child experiences a acceptable environment at their new school and also seek to satiate the parents' concern of handling over their child into the safest hands.

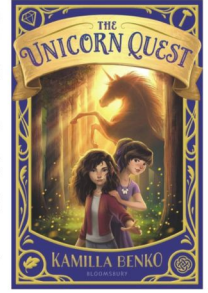
The school also took an initiative to introduce the parents of the newly admitted nursery kids, with the working strategies of the school as well as the code of conduct followed pertaining to the child development.

Good Reads

The Unicorn Quest

Claire Martinson still worries about her older sister Sophie, who battled a mysterious illness last year. But things are back to normal as they move into Windermere Manor... until the sisters climb a strange ladder in a fireplace and enter the magical land of Arden. There, they find a world in turmoil. The four guilds of magic no longer trust each other. The beloved unicorns have gone. Scared, the girls return home. But when Sophie vanishes, it will take all of Claire's courage to climb back up the ladder, find her sister, and uncover the unicorns' greatest secret.

The book unfolds itself in a superb manner to capture the interest of the readers. Read the book to find out more...



The Counselor's Corner

Real YOU vs. Ideal YOU

"Be careful of who you pretend to be, you might forget who you are"

Often what we think of ourselves is not just what WE think about ourselves but what OTHERS think of us too. Imagine standing in a house of mirrors with multiple mirrors showing convoluted images of you in each of them. One mirror shows you fatter than you actually are. Yet another one shows you thin like a squiggly pipe and yet another shows a large head on a tiny body.

Are any of these mirrors showing how you ACTUALLY are? The answer is No. You aren't THAT Fat, that Tall or that Big headed. Yet all those mirrors carry a reflection of Who? Of YOU.

People around us are like these mirrors. Each person (mirror) carrying their own reflection of us in their minds. Often when we are faced with these reflections, we realize that we don't necessarily agree to our reflection in any of these, because they don't completely match how I see my reflection in a normal mirror at home (i.e how I perceive myself as an individual on my own). This is where exactly metaphorically speaking, an identity crisis steps into the picture. **Do you allow those images from the other mirrors to impact how you see yourself to be or do you remain unaffected?** The answer one chooses for this leads to the long road towards or away from stepping onto the path of identity crisis.

Identifying with temporary things that are ever changing, sooner or later leads to Identity Crisis

A person who identifies strongly with his job will suffer from a severe identity crisis if he gets fired. A person who loses his Mercedes in an unfortunate accident will no longer see himself as 'the proud Merc owner'. A person who mainly sees himself as 'the lucky husband of Jane, the beautiful' will lose all his self-worth if his marriage fails. **When you identify with temporary things your self-worth automatically becomes fragile.** You never know when these things will be taken away from you. Your self-worth will then become dependent on the whims and vagaries of life.

What then should I identify with?

Even if we give up identifying with temporary things, we'll still crave to identify with something because that's how the mind works. **It can't stand being nothing.** It has to find a way to define itself. Since our goal is to maintain our self-worth and prevent it from being too fragile, the only logical solution is to identify with permanent, long-lasting things. **When you identify with your knowledge, skills and personality, this sort of identification will remain with you till the day you die.** You can't lose these things in a fire, accident or a divorce. **Because it's your Identity, and you can't lose it in a Crisis.**

– All the best

RIDDLES

I am taken from a mine, and shut up in a wooden case, from which I am never released, and yet I am used by almost all children.

Answer: Pencil Lead

Find Me! I start with 'P' and end with 'E', but I have thousands of letters. Who am I?

Answer: Post Office

I am the biggest alphabet, as I contain the most water in the world. Who am I?

Answer: Alphabet 'C'

Glossary to literary terms

EMBELLISH -

Make (something) more attractive by the addition of decorative details or features.

Make (a statement or story) more interesting by adding extra details that are often untrue.

Parenting TIP

Be a warm, safe haven for your child

Always support and accept your child as the unique individual who is capable of imprinting his/her own

Dear Reader,

As we all know, "Reading is to mind, what exercise is to body". Have a happy reading experience and don't forget to share your thoughts and reflections with us. Send in your entries for the next edition latest by 18th May, 2018 to theschoolconnectbbpsmv@gmail.com