



Pushpa Gujral Science City

Buzzer Buzzer

April- June 2017

Vol. 7 No. 4

MESSAGE FROM THE DESK

Warm greetings to our readers and we hope that you had happy holidays !!

The summer holidays are a time for fun so we encourage the children to think about science whilst they are at play. Science City organizes summer camps every year during summer vacations for school students. This year too, we kept young minds happy and active with exciting and hands-on activities in our three -day camp. Another activity organized was, orientation workshop on microorganisms to create better understanding and effective awareness among students about the role of microorganism in various fields like human body, plants, soil and environment.

Science City is a home to interactive experiences with science and technology and aims to make a fundamental difference in the lives of its visitors. We do this by offering top science experiences, engaging programs and breathtaking films so that visitors can do far more than observe: they can interact and participate. Science City brings out the wonders of science and technology, through its unique blend of exhibitions, educational programmes and events. In the 12 years of its opening, over 3.9 million visitors have entered our doors, arriving with curiosity and leaving inspired by our creative and innovative content.

Our mission is to be an essential bridge between citizens and science and technology. We inspire people of all ages to explore and understand the world around them, to discover and enjoy science and understand its relevance to their own lives.

Mohammad Tayyab
(Director General)

Space Theatre is now Lovely Professional University Space Theatre

Now showing!!!

America Wild: National Parks Adventure

The Space Theatre/ Large format film Theatre is an experience like no other! Covered with 25 lac computer-designed tiles of one square inch each on a giant globe, the architecture and state-of-the-art technology combine to create experiences so real you'll forget you're in a theatre. The latest film *America Wild: National Parks Adventure* takes audiences on the ultimate off-trail adventure into America's awe-inspiring great outdoors and untamed wilderness. Immersive cinematography takes viewers soaring over red rock canyons, hurtling up craggy mountain peaks and into other-worldly realms found within America's most legendary outdoor playgrounds, including Yellowstone, Glacier National Park, Yosemite, and Arches. It is a film that offers not only a sweeping overview of the national parks' history, but is equal parts adrenaline-pumping odyssey and soulful reflection on what the wilderness means to us all.

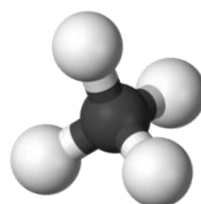




COMING SOON!!!!

Innovation Hub

Science City in collaboration with National Council for Science Museums is setting up a Innovation Hub. It is the first of its kind in Punjab and sixth in India, aimed at supplementing formal school education for seeking new ways to bring innovative science teaching and experiences to students. The Innovation Hub will offer children an inquiry based science learning approach that is student constructed as opposed to teacher-transmitted, hands-on as opposed to lecture-based. The Innovation hub will be equipped with components namely, Hall of Fame with stories of Inventions and Inventors; Innovation Resource Centre with online access to innovation-centric resources; Innovative Laboratory to carry out activities, experiments and projects; Tech Lab for Robotics & Microprocessor Programming; Tod-Phod-Jod (Break & Remake) for students to open gadgets and reassemble them on their own; Kabad Se Jugad (Build from Scrap) for students to develop things from scrap and low-cost materials and an Idea Box for children to propose ideas and create an idea bank. The best ideas will be chosen for experimentation, model making and project work. In addition, children will be encouraged to identify real life problem/investigatory projects and work on for solutions under the guidance of experts/mentors. The setting up of hub is in progress and it is expected that the facility shall start by September 2017.



In the Past Quarter

World Earth Day (April 22, 2017)

Pushpa Gujral Science City celebrated World Earth Day on April 22, 2017 in collaboration with Ministry of Earth Sciences involving participation by large number of students in different competitions. The objective of the celebration was to raise awareness among students and visitors about the values of earth resources in our lives and various threats to these resources and means to conserve it.

Following activities were organized to commemorate this celebration:

- Expert lecture by Prof. Sandeep Sahijpal, Department of Physics, Panjab University, Chandigarh about conservation and management of earth resources.
- Painting Competition
- Debate Contest
- Documentary Show
- Plantation

Winners of Painting Competition

First Prize

Harjinder Singh, DRV DAV Centenary School, Phillaur

Second Prize

Saneha Sharma, Sanskriti KMV School, Jalandhar

Third Prize

Aashna, DIPS, UE-I, Jalandhar

Consolation

Sandeep Kaur, Bhai Gurdas Academy, Taran Taran, Amritsar

Winners of Debate Contest

First Prize

Nionika, St. Xavier's School, Bathinda

Second Prize

Sunidhi Sharma, DRV DAV Centenary School, Phillaur

Third Prize

Garima, Rudra International Sr. Sec. School, Una

Consolation

Sakshi, DIPS, UE-I, Jalandhar



Earth Day 2017

In the Past Quarter

Orientation workshop on microorganisms(May 23 & 24 ,2017)

An Orientation workshop on microorganisms was organized at Godiva Lions Coventry Public School, Nakodar and Dashmesh Public Senior Secondary School on 23-05-2017 & 24-05-2017 with an objective to create better understanding and effective awareness among students about the Role of Microorganisms in various fields. Ms Kamaljit Kaur & Ms Manju Bala were the resource persons from Science City for organizing the workshop. 50 students participated in this workshop. Concept about microorganisms

was made clear with the help of Power point presentations on microorganisms, their uses, culturing & sterilization techniques. Resource persons performed several experiments to create interest amongst students. Students were also given chance to perform experiments & prepare slides.

Summer Camp 2017(5th-7th June 2017)

Science City organized summer camp on Hands on activities in Mathematics, Model Rocketry, Basic Electronics and Nature camp for school students of 5th to 8th standard. The camp was an opportunity for the participants to introduce themselves to the

exciting world of engineering, robotics and the art of observation in nature and help them break the boundaries of the routine and take a leap into the whole new world with a different perspective. The objective was to develop curiosity and interest of the students in science and provide hands-on experiments and demonstrations that are fun-based.

A total of 82 students from different schools participated in the camp. The salient features of this camp were: simplifying the complex concept of science, develop and nurture Scientific Temper and skill development.

Workshop on Microorganisms

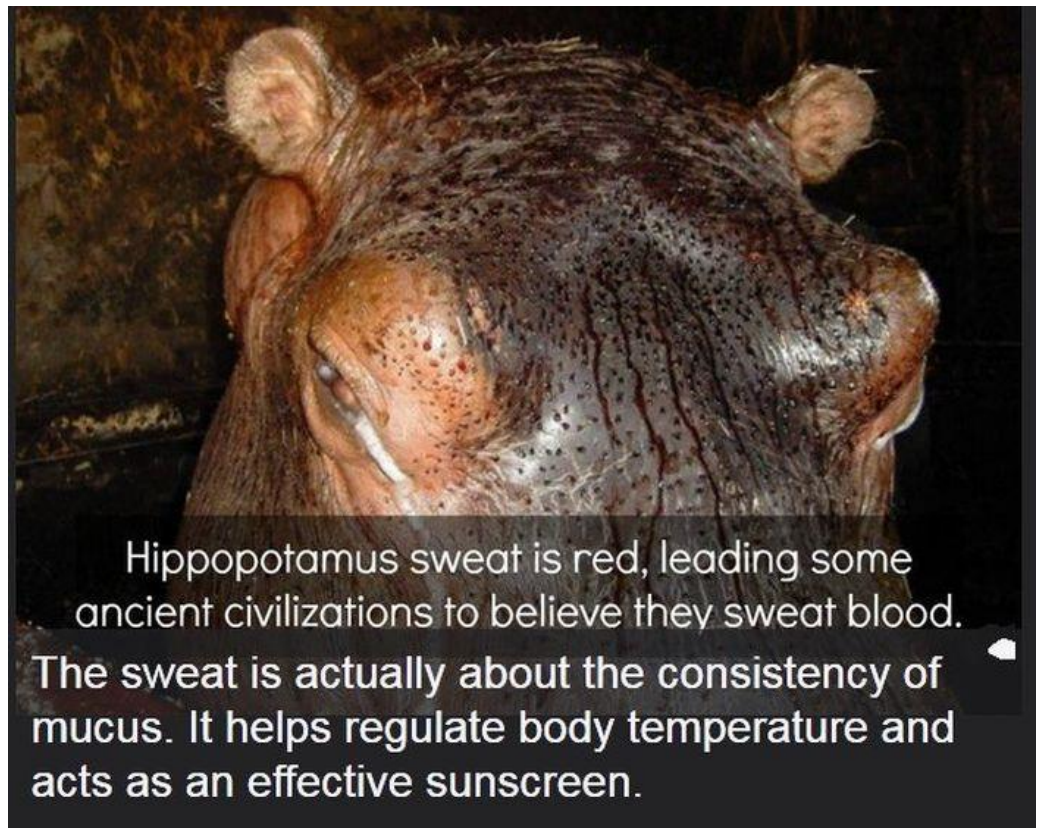


In the Past Quarter



Glimpses of Summer Camp

Do
You
Know???



Hippopotamus sweat is red, leading some ancient civilizations to believe they sweat blood. The sweat is actually about the consistency of mucus. It helps regulate body temperature and acts as an effective sunscreen.

BOOKINGS AND RESERVATIONS

Ticket (In Rs.)	Student	Adult	Family
Entry Ticket	50	75	200
Package Ticket (Entry to galleries, Large Format Theatre or Digital Planetarium, Laser Show, 3D Show, Climate Change Theatre)	160	250	750
Package Ticket > 25 Group	150	240	700
Complete Package Ticket (Digital Planetarium or Large Format Film (Any one), Flight Simulator, Earth Quake Simulator, Laser Show, 3D Show, Climate Change Theatre (Any one), Galleries & Exhibits)	190	310	950
Complete Package Ticket > 25 Group	180	300	900
Complete Package Ticket valid for two days	240	380	1150
Complete Package Ticket valid for two days > 25 Group	230	370	1100
Large Format Film Theatre/Digital Planetarium	60	80	275
Laser Show, 3D Show, Climate Change Theatre, Flight Simulator, Earthquake Simulator (Any one)	20	40	110
Boating with Entry Ticket	20	25	90
Boating with Package Ticket	15	20	70
Toy Train	10		
Bulk Discount			
Minimum 500 students	10% on prevailing ticket rates		
Between 501 and 1000	12.5% on prevailing ticket rates		
Above 1000 students	15% on prevailing ticket rates		

*At the time of heavy rush this package may be discontinued.

** In 2 days valid ticket, only one show of each (Large Format Film or Digital Planetarium, Laser Show, 3D show, Flight Simulator, Earth quake Simulator, Climate Change Theatre will be permissible in 2 days period.

Weather permitting, Science City provides Night Sky Watching facility when clear sky offers best view of the planets.

Students/ Teachers: Rs 30/- , General Public: Rs 50/-, Family: 150

For more details & reservations, please contact: Mr. Akashdeep Singh; Mobile: 9855015591; E-mail: akashds13@gmail.com

ANNUAL MEMBERSHIP SCHEME

Student / Teacher: Rs 400/-

Adults: Rs 650/-

Family (2 Adults + 2 Children (<18 yrs)): Rs 2000/-

To know about membership benefits, please contact:

Dr. Munish Soin, Scientist C; M: 8146580387

HOSTEL FACILITY FOR STUDENTS/TEACHERS

AC accommodation for 100 students and 10 teachers is available. Separate arrangement for boys and girls.

Stay charges: Rs 100/- per person (Food charges extra)

For hostel booking, contact: Ms Kanika Sharma;

Email: kanikasharmapgsc@gmail.com

Phone: 01822-501963, 501964

Opens 365 Days a year!

FOR RESERVATIONS, PLEASE CONTACT

Ms Kanika Sharma; Assistant Estate Manager

Phone: 01822-501963, 501964

Email: kanikasharmapgsc@gmail.com

RESIDENT EDITOR: Sh. Sheeraj Batish (Dy. Gen. Manager, Mktg & PR)

EDITOR: Dr. Loveleen Brar (Scientist B)