

Mathematical Musings



Mathamity'09, held at Amity International Schools Noida and Saket, conducted under the aegis of the Amity Centre for Excellence in Mathematics, promotes exceptional standards in mathematics and encourages students to explore mathematical concepts through research and survey.

An Amity initiative – the event is a brainchild of Dr. Amita Chauhan. The various displays by the Primary, Middle and Senior wings highlighted Amityans' ingenuity and creativity exhibiting the prowess of the students in exploring the journey of Maths.

Amity International School, Noida: The school organised Mathamity on July 16 and 17 based on the theme, 'Maths Around Us.' Principal Mrs. Mohina Dar in her welcome address stated that 'Mathamity' is hosted with the objective of making students understand fundamental mathematical concepts by stress-

ing on different problem solving techniques.

Common mathematical concepts like volume, capacity, weight, ratio proportion and statistics were innovatively presented through 3D effects. Mathematics in architecture and astronomy, trade, sports and music were some of the topics researched by the students. The PowerPoint presentations by the Class XI and XII students provided new and fresh insights into relevant and contemporary topics like Maths Doppler Effect, Mathematical Modelling for Disease Spreading, and Maths in Economics and Commerce among others.

The Chief Guest Dr. Ajit Iqbal Singh, visiting professor at the Indian Statistical Institute, applauded the efforts of the students. Two Senior school students gave presentations on interesting topics like 'Maths in Nature' and 'Mobius Strip.' Vice principal, Mrs. Renu Singh proposed the vote of thanks.

Amity International School, Saket: 'Mathamity-Aakriti' – a unique platform presenting a fresh and refurbished manifestation of Maths was inaugurated at AIS, Saket on July 24, 2009. It witnessed an overwhelming and wholehearted participation of students from nursery to Class XII. Dr. Hukum Singh, Prof. NCERT graced the occasion as the Chief Guest. Dr. T V Venkateshwaran, a Scientist at Vigyan Prasar presided as the Guest of Honour.

A galaxy of eminent guests included Ms. Shweta Khurana, Regional Manager North-East India INTEL, Ms. Divya Arora from the Americal Field Service. The jury panel included Dr. Biswaranjan Behera, Asstt. Prof., Dept. of Maths IIT New Delhi; Mr. Robin Kumar & Ms. Monika Bahl, eminent faculties at the Dept. of Nanotechnology – Amity University. School Principal, Mrs. Bharati Sharma accorded a cordial welcome to the august gathering. ●

The Geography Challenge

Usha Verma

Amity International School, Noida successfully hosted the third consecutive Geography inter-school competition, GEOMATY 2009 for the students of Classes III to X on August 1, 2009. Brainchild of Chairperson, Dr. Amita Chauhan, it was also Amity's novel commitment to cultivating holistic education. A total of 600 students from 37 prestigious schools from Delhi and NCR participated. Forty teachers from various schools in Delhi and NCR attended the 'enrichment' workshops on 'Digital Mapping' and 'Climate Change and Low Carbon Future.'

This year, the GEOMATY challenge for Class III students was 'Dresses of India' that included a presentation on customary attire of any one State, region or tribe using dramatic enactment and artistic props. 'The People of the World' segment for Classes IV and V included distinct cultural forms as a special means to celebrate 'unity in diversity.'

A Geography quiz, both oral and written, including map reading, marking and identification were for the older stu-



dents. 'On the Spot Model Making' displayed inventive use of recycled material. Questions from the allied subjects of Astronomy, Geomorphology, Climatology and Hydrology were asked in the form of general awareness, crossword puzzles and jumbled words.

PowerPoint presentations were made on topics such as the retreating Himalayan Glaciers, lessons to be learnt from receding Arctic Ice, Increasing ocean temperatures and their impact failed

monsoons, global warming, etc. Ten prominent judges Dr. Sudhanshu Singha (British High Commission), Dr. Ruma Shukla, (Geographic Information Systems), Mr. Anurag Khandelwal (an architect), Dr. Kakoli Singh (Geographer), Mrs. Gargi Seth (Artist and art promoter), Mrs. Princy Kaul (Free-lance Artist in Fine Arts), Mrs. Manisha Trivedi (Geographer), Mrs. Manju Tandon (Educationist), Mrs Neeru Rao (Geographer) and Ms. Suparna Sood

(Danuse of Bharatnatyam), amongst others, judged the event.

School principal, Mrs. Mohina Dar gave a brief talk on the concept and purpose of GEOMATY 2009.

Amity Performance Results

Dress of India (Class III): Consolation: AIS Mayur Vihar, ■ Delhi People of the World (Class IV & V): Second: AIS, Mayur Vihar ■ Written Quiz & Map Study (Class VI & VII) First: AIS, Saket (C1 Team) ■ Model making (Class VI & VII) - First: AIS, Mayur Vihar (C I) ■ Oral Quiz (Class VIII & IX) First: AIS, Vasundhara (D1) ■ Map Making (Class VIII & IX) - First: AIS, Vasundhara (D1); Third: AIS, Pushp Vihar, ■ Delhi PowerPoint Presentation (CL 10) - First: AIS, Vasundhara (E1); Second: AIS, SEC 46, Gurgaon (E1); Third: AIS, Mayur Vihar (E I)

Ruchismita Bhattacharjee & Chitra Jain of AIS, Vasundhara won the first prize in PPT competition. Their topic was 'Desertification.'

Ruchismita said, "We didn't even have the time to practice properly; our teacher saw our presentation for the first time in the competition itself!" ●



AIS Vasundhara

Kite making workshop

Sudhi Bhatia

Children have always had a fascination for kites. They remind them of unfettered freedom. To make learning more enjoyable, a kite making activity was conducted in the premises of AIS Vasundhara on 16th July, 2009. The resource person was from NIE, and gave learners creative inputs on making kites. Participants were from classes VI-VIII and made kites from bright coloured papers in varied shapes and sizes creating a plethora of hues. The workshop honed and showcased the creativity of young Amityans. ●



Placing you in UN

United Nations is synonymous to idealism, unity and utopianism. Today's world faces grave and complex challenges which can best be resolved when all the nations come together and work for the people. The Amity Model United Nations conference, held from August 1-3 '09, was an important step in understanding the global issues and responsibilities. It provided a platform for the coming together of new ideas and beliefs; and all these were channeled into a common thought, that someday somebody might compel the change towards a better world.

The first day brought with it the enthusiasm and passion of bringing about a revolution of 210 delegates. The executive board of committees helped the delegates learn the language of an MUNer and get acquainted with the methods and proceedings of the forum. The delegates seemed well informed on the second day. The way they spoke, the content and the confidence in their voice-they were completely into their characters.

Emergencies tested the knowledge and alacrity of the participants. On the third and the last day participants were excited and elated since all their efforts were going to yield titles, prizes and certificates. ●

Our Experiences In 'Wunderschön' Germany

Picture yourself sauntering on cobblestoned boulevards, castles looming grandly on sprawling lawns, the cerulean sky and icy lakes floating - that's Germany in a nutshell. Anant Agarwal, Rohan Chandra, Raghav Mittal and I, Karan Saharya, along with Mrs. Mira Sharma, our teacher, were fortunate to be selected for the Student Exchange Programme between Amity International School Noida and the Jawaharlal Nehru School in Neustrelitz. Neustrelitz is a town about 150 km east of Berlin, quaint and elegant, with a population of just over 20,000! It is a town that once lay in the 17th century Duchy of Mecklenburg-Gustrow, and today lies in the state of Mecklenburg-Vorpommern. Once in Germany, we were to stay with German families in their homes, people we had never met or heard of, to observe their routines for two weeks.

Initially communication was a challenge, as English is not widely understood, but quickly we got accustomed to the life there, the native accents, food, and soon the carbonated water and the absence of locks in the bathroom doors did not



bother us anymore! The teachers and families took excellent care of us! They were all very helpful, accommodating and loving. Everyday we would have hour-long conversations about Indian traditions, and it was really enjoyable.

Infact, three German newspapers also took our interviews, and we were more than happy. We had never imagined that so much fun could be had in an alien land. We went strolling in the woods, swimming in the lakes, and visited

Berlin, Dresden and Schwerin - all breathtaking and panoramic. We saw the horrors of the Concentration Camps, the Berlin Wall and the Nazi Bunkers. We were taught about the War, the Unification and the lifestyles of the contemporary Germans.

Since our return we cannot stop talking about all the fun we had there and I am sure many years down the line we will continue to remember it all with fondness and nostalgia! ●