



YEAR OF
ZAYED

February 2018 Issue 5



(The Official Publication of International Jubilee Private School)

**JUBILEE
WORLD**

September-October Volume I, Issue I



Contents

- International Day
- STEAM Fair
- Red Crescent Student Volunteering
- Visible thinking
- Gallery of Photos
- Literary Works from students

IJPS 5TH INTERNATIONAL DAY

By: *Ms Rabia Khalid*

It never ceases to astound us to think that the rasping, whistling and vibrating sounds emanating from all the corners of school can be effortlessly heard when parents teachers from all the divergent cultures and distinctive nationalities come together to celebrate astonishing and defining feature of their cultures.

This is why fostering global awareness and international collaboration in our school is considered so beneficial as Marcel Proust, the French nov-

elist, once said that "the real voyage of discovery consists not in seeing new lands but in seeing with new eyes". This year the Theme of international day was to work with other people to learn about their cultures and become able to explore new ideas and prospects.

IJPS has children from assorted nationalities. Parents were on Saturday treated to a variety of activities celebrating that multicultural mix. School was decorated in themes that highlight the culture of different countries and fair amount of people enjoyed the morning of food and dance from around the world. One of the things IJPS made sure over the last

couple of years is to get the kids to learn more about other cultures and traditions,

Visitors enjoyed a display of traditional Pakistani, Indian, Philippines Jordan, Lebanese, Egyptian dance on the main stage from the children along with different performances. Visitors to the school were also treated to traditional coffees associated with the Arabic hospitality. Most of the school's students and teachers were involved with helping to organize the day and took pride in the work they had done.

IJPS is celebrating International Day for quite a long time now and it gets bigger and better each year.

NEWS ARTICLES

First Steam Fair In IJPS School

Next-generation scientists showcase their project at IJPS Science, Technology, Engineering, and Math Fair

Grade 4 to 9 students of IJPS participated and demonstrated how they applied the scientific method and research to quench their curiosity or to discover something new in the IJPS STEM, held last February 6, 2018. Parents, teachers, school administration and their fellow students are there to witness the said fair.

The projects cover all sorts of themes, from energy to the environment to practical applications.

Grade 4 students created simple machines that are used in real-life situations. One group made a hydraulic machine that is used in construction site. Students had fun in controlling the syringe to make the machine move.

You will be amazed with the projects of Grade 5 students. They displayed variety of science projects in which they showcased their Engineering skills. Abdulrahman in Grade 5A made a water

fountain used in the past that until now most of the industries are using because of the physics concept behind it.



In addition to that, Ayesha Adalia made a water dispenser wherein she applied the concept of air and water pressure to it. Kinda of Grade 5B, also made a Kaleidoscope that the stu-



dents enjoyed. There is one project that is environmental friendly, Hala also from Grade 5B made an organic plastic out of cornstarch and vinegar.

Grade 6A students made a water generator that can charge your phone and a motor boat. Lubna from Grade 6B shared to everyone her homemade hand sanitizer using some organic materials. There is also a model about the effects of soil erosion that was explained by Jody also from Grade 6B. She believes that people needs to be aware of the advantages of planting trees.

Grade 7 to 9 students showcased their skills in Engineering and Scientific knowledge.

Body organs and systems were made by Grade 7 students. The Paper Rollercoaster built by Grade 9 students was amazing and fun.

The fair was a great success because the parents enjoyed the activities that their kids prepared for them. Science fair is an opportunity for students to apply the scientific method to conduct independent research. It is nice to have this kind of fair where the student's efforts are displayed and where students are showcasing their skills in STEM classes.



NEWS ARTICLES

Grade 3 Students share their experiences in the Math and Science Fair.

Imad from Grade 3A shared what he did in the Fair!

“ONE DAY WE HAD SCIENCE FAIR IN OUR SCHOOL.I AM IN GRADE 3A AND OUR TOPIC WAS FOSSILS.ACCORDING TO THAT WE HAD TO MAKE FOSSILS. WE BROUGHT MATERIALS TO MAKE FOSSILS. PLAST OF PARIS, TOYS, MUGS, WATER, SPOON, APRON, GLOVES AND CLAY. WE SET THE DOUGH IN MUGS. WE TAKE ANIMAL AND INSERT IN THE DOUGH TO GET THE TEXTURE. NOW WE TAKE ANOTHER GLASS AND TAKE SOME QUANTITY OF PLAST OF PARIS AND MAKE A SOLUTION.THEN WE POUR SOLUTION IN TO THE GLASS WHERE WE PLACE THE TEXTURE.NOW WE LEAVE IT TO DRY.I REAPATED THIS PROCESS AND MAKE 3 FOSSILS.

WHEN I WAS FREE I TOOK A ROUND TO OTHER STALL. EVERY CLASS HAD ONE TOPIC TO PRESENT LIKE STEM FAIR, ROBOT ARM AND MORE. IN STEM FAIR THERE ARE EXPERIMENTS AND IN ROBOT ARM THERE ARE ROBOTIC ARM CREATED. EVERY ONE WAS ENJOYING A LOT AND GET INFORMATION. “

Also Rayyan from Grade 3A shared about what he did!

“OUR SCHOOL ORGANIZED A “SCIENCE FAIR”. I AM A STUDENT OF GRADE 3A.OUR TOPIC WAS FOSSILS.

WE PRESENT HOW TO MAKE FOSSILS. WE GOT SOME METARIALS PLAST OF PRAIS, TOYS, MUGS, WATER , SPOON, APRON, GLOVES AND CLAY.

FIRST I PREPARED MYSELF WEAR APORN AND GLOVES AND PLACE PLASTIC MAT ON TABLE NOW I TOOK CLAY, FIXED IT IN THE GLASS, INSERT THE ANIMAL AND GOT TEXTURE. ON THE OTHER SIDE I TOOK A LITTLE AMOUNT OF PLAST OF PARIS AND MAKE THE SOLUTION WITH WATER.

I POUR THAT SOLUTION INTO TEXTURE GLASS AND LEAVE IT TO DRY.

NOW I VISITED OTHER SECTIONS WHERE OTHER CLASSES WERE PRESENTING THEIR TOPICS. I LEARNT HOW THEY DID AND WHAT WERE THESE. IN LAST I CAME BACK TO MY TABLE AND CHECKED MY DIY IT DRY.

NOW I OPENED MY DIY AND SHOWED MY FOSSILS TO MY OTHER CLASS FELLOW.EVERY ONE APRICITED ME I FELT VERY HAPPY. IN LAST WE CLEANED OUR PLACE,KEPT OUR THINGS PROPERLY AND COME BACK TO OUR CLASS.

IN SCIENCE FAIR WE LEARN ABOUT WHAT IS FOSSILS? HOW DO WE MAKE FOSSILS?

NEWS ARTICLES

Math fair

By: Ms. Biji

On Feb 6 2018, STEM Fair was held in our school. This STEM fair relates to Mathematics, Science, Art and technology. It started from 8:00AM -11:20 AM. Students enthusiastically participated and made wonderful, amazing models on various topics in Math. The students made models both still as well as working models and they were direct visualization of abstract mathematical objects, art generated by mathematical algorithms, art employing scientific techniques such as colour theory and unusual perspective, and figurative art with mathematical themes.

Students of class 4 to 9 participated and explained the models by them on different topics they chose. The children were keenly took part in the Exhibition, and they made different colorful charts based on their topic and the made under the guidance of their Math teachers.

Grade 6 and 7 was monitored by their Math Teacher Mrs .Biji. Grade 7B girls made different types of models and charts. Sara Shadi presented her research model for area of rectangle. Another group with Esra as team leader made the model for area of a circle. Grade 7A boys also made different groups and made different types of models and charts. Adam showed the application of Pythagorean theorem through a working model. Another group with leader Khalid made UAE's tallest building's Bar graph.

Grade 6A girls also enjoyed the math fair. They researched about the different topic and made different types of still models. Joody made the model of properties of circles. Lubna from grade 6A done an interesting model for Properties of triangle and Mira done a working model for how to find the LCM of numbers, from boys Shady made an amazing three dimensional model about the pyramids. Mohanad

also made a working model for finding the LCM of numbers. Grade 4 and 5 was monitored by their Math teacher Ms. Shafna.

Students were actively participated in math fair. Grade 4 A and 4B made the model for application of geometric shapes in building structures. Mohammed Kuloof and Dawood from grade 4 they made the geometric city. Eshha made Eiffel tower. Students also made the model of football and volley ball court still model.

Students of all classes were accompanied by the teachers and took rounds in order to appreciate the hard work put in by their fellow friends.

Appreciation was observed when students spoke and explained their models in detail.

The parents and teachers of other departments took part and asked questions where children got an opportunity to communicate their thoughts.

It was indeed an exhibition

Puzzle corner- Puzzles are very important educational learning tools for students. It increases their visual and special awareness and develop a deeper understanding of the topic

A Drawing from an Amazing and A Talented Student

(By Fatima)

Grade 4-9 students are participated in puzzle corner. Grade 4&5 actively participated. Students made the puzzle with the shapes There was mind game with the numbers to find the next numbers in pattern. Using the prime numbers students made the puzzle .

Grade 7 made the Puzzle with Match stick ,to prove the equation true. students from grade 5 using the tan-gram to make the rectangular shape. Grade 8 students they made assembling of somacube.

Teacher and parents and students were trying to find the solution. The students were interested to present their solution

. The Math Arcade was an innovative activity in STEM fair. Its aim was to simultaneously support struggling learners, stretch more confident learners and encourage the development of a staff-student mathematical community. Math Arcade differs from the others, in order that a range of approaches are presented, like Win spin Games in which students answered short questions and won prizes. There were list of games like min to min challenges including building a tower from plastic cups, ping pong balls games ,straws , balloons, spa-ghettis, marsh mellow challenges etc. The core aims for a Math Arcade were

- a) to help support struggling learners
- b) to stretch more confident learners
- c) to encourage staff and student interaction in a social and mathematical context.

In general, these aims were achieved through a drop in session where a wide variety of strategy games and puzzles are available for students to play with each other and with staff. Beyond this, each Math Arcade has a slightly different implementation adapted to suit local circumstances and most have included additional aims and objectives in addition to the core set.

Math working Models were also made by Grade 4 till 9 to develop a mathematical-themed social environ-ment, or strategies and modifications to develop students' mathematical thinking. Students selected to write and biography of a famous mathematician, to explain a theory, or to solve a problem using a formula. Stu-dents even invented games using different mathematical concepts e.g., working models to explain properties of circles, triangles, squares and triangles. It was done by grade 8 boys Yasin Akmal ,Alaa, Khaled Muham-mad.

It was informative and thoroughly enjoyed by both parents as well as students. Parents took a keen interest in getting more information about the concepts presented by the exhibits and mathematical games that were organised. Grade 9 students worked on working math model for 'Pythagoreon Theorem', was done by Ilyas, Kareem ,Zaky ,Maged. It offered an opportunity for our students to understand and internalize the basic mathematical concepts through concrete objects and situations. Grade 9 girls Razan, Fatima, Khameda, they made working model for quadrants showing 3-dimensional graph, Cartesian plane, includes negative and positive values of both x and y. This graph is divided into four quadrants, or sections. Grade 8 girls soha, fakiha ,haleema made 3D model for showing measurement of angles and their types.

**G
A
L
L
E
R
Y
O
F
E
V
E
N
T
S**



**IJPS
Reading
Challenge**



Students from Grades 4– 9 Proudly present their Projects in front of Parents.



In Addition to the Book Presentations, students also presented some amazing short dramas!



**Drama
Presentations**



IJPS Firefighting Training

All students who attended the meeting had the chance to test out a virtual fire and fire extinguisher to experience different fire situations.





My opinion on the Reading Challenge!

By: Rowa Radwan

Creative minds swimming in a sea full of words with hooking sentences and all. A hard guess but I'm talking about the reading challenge! an event where all parents and students get to communicate and interact with each other, each class had their own theme so you can imagine how great it was. everyone was willing to participate in it since it was such a unique thing that our school did for us and I'm sure that we as students learned from this experience, every class had decorated their area based on the theme and along with that, we had an entertaining program that was the introduction of the event.

Both boys and girls had team worked to attract students, teachers, and parents to visit their booth. All looked stunning and I'm sure everyone has a favourite one, so about the students as I said each class and the students in it make a chart about their favourite book and this way students can learn new books to read and hear other's opinion about the book that they read. In the end of this, we as students learned how to communicate with parents and other students and this event got us closer and really learned about the community in our school everyone was

Literally works from IJPS Students

ROBOTS?!?!?

Will robots take over our jobs?

By: **Motaz Pharoan**

How much time do you think it will take for automation to take over our jobs from us? According to a 2013 study, more than 50% of all jobs in the world could potentially be automated in the next 20 years or so. But, automation has been around for decades, what is the difference now?

There is no doubt that innovation has made human labor a lot more fluid and smooth and easy and even more productive. This means, for example, that ten hours of human work could be done 10 times better in only 1 hour. This disposed of many jobs and at the same time created jobs that were better for professional workers. Therefore, it worked well for the majority of people and living standards improved as a whole.

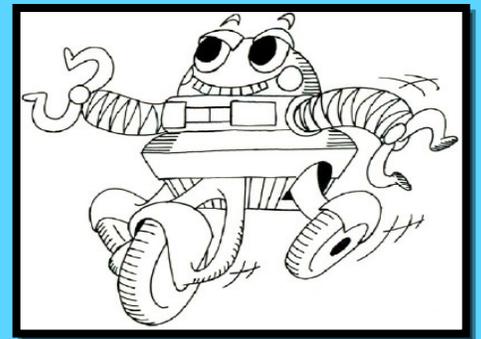
In the blink of an eye, the

rules were different. Our jobs are being taken over by machines way faster and more frequent than before and more than the amount of jobs they create. That's worrying, right?... But do you think that innovation will save us will save us like before? While the new information industries are exploding, jobs are becoming fewer and fewer. As statistics show, google employed 58,000 people in 2012, but with its rise as a virtual company based on the internet, it had destroyed more than 100,000 jobs for other companies.

Cars were the innovation of the past that converted our way of living, our infrastructure, and our cities. Millions of people found new jobs because of that in the past 100 years, but the industry as a whole does not create as many jobs as it used to. Even with the rise of electric cars, not too many jobs are being created as there used to be before.

But, what about the internet? Technology is dependent on internet and it is an essential part of almost all industries. But, still, the jobs created are not enough to keep up with the growth of the population and a new generation of machines is slowly taking.

While humans have their fears about future jobs, the Information Age and modern automation could be a huge opportunity to change human society in a positive manner and reduce poverty and inequality



Virtual Robots

By: **Hamad Al Ameri**

The Virtual Robotics started before 10 years ago, as a tool for engineers. Before investing time and money in building a real robot, it would be advantageous to have some way of testing on a digital prototype.

Why virtual robots?:

There are many benefits to adding simulation to the MINDSTORMS® experience,

but a few of the more compelling reasons are given below:

Perhaps the most obvious benefit is that by using a simulated robot we can make programs to work with the robot, even if it isn't available. For Example, your robotics club might only have a single MINDSTORMS® robot, but the whole team could be working and programming on a digital version of that same competition robot from home.

About the virtual robots:

The Designed for use with the LEGO® MINDSTORMS® NXT™ and EV3™, the Virtual Robotics Toolkit™ is enabled simulator which is an essential tool for anyone looking to enhance or expand the MINDSTORMS experience.

The simulator allows users to design and program their own digital robot, but without the burden of ever needing space