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DIVISION ADVISORY
No. 317 S. 2018

To: Heads of Public Elementary and Secondary Schools
From: Schools Division Superintendent
Subject: Science Fair (SHECHEM Events Management Services)
Date: November 15, 2018

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By 
DepED Angeles City
Division of City Schools

This is to inform all concerned that the SHECHEM Events Management Services will bring to different schools a pioneering and highly innovative science fair featuring high technology education tools.

Attached is a letter from Ms. Evelyn C. Conejares, Government Account Officer, SHECHEM Events Management Services, for the details and information of the activities.


LEILANI SAMSON-CUNANAN, CESO VI
Schools Division Superintendent

Mha/sgod/adminaidevi

"SMILES BRIGHT, SERVES RIGHT"



SHECHEM

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Leilani S. Cunanan CESO VI
Schools Division Superintendent
Angeles City

Dear Sir/Ma'am,

Greetings!

Learning science has never been this educational and entertaining!

We bring to your school a pioneering and highly innovative science fair featuring high-technology educational tools such as the **Robotics, Drone, Augmented Reality (AR)** which are outsourced from top-caliber equipment suppliers from London City, United Kingdom. Also included in this fair is the **Hologram, Dinosaur Discovery, Science Experiments, and Basic Photography** which is another amazing work of science and technology!

The following are the activities that will make the students' learning more enjoyable and educational through **INTERACTIVE LECTURES** and **HANDS-ON EXPERIENCE!**

THE WORLD OF ROBOTICS

Run time: 45 minutes

Suggested venue: Social Hall / Laboratory with wide tables

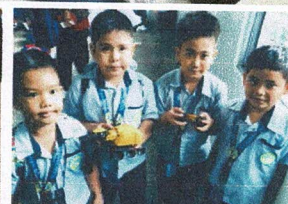
The students will be given time to explore the world of robotics by allowing them to be immersed in assembling and controlling their own robots by using motors, sensors, and other accessories.

Robotics is a combination of four vital dimensions such as science, technology, engineering, and mathematics. Robotics will be offered starting from grade 4 students of schools that have robotics as a subject in their curriculum. For non-robotic schools, lectures and programming will be discussed per grade level (up to senior high). Both will be delivered with the actual presence of materials.

After the interactive lecture, a group of learners (5-6 pax) will be given a pack of robot parts which they will assemble and finish within the allotted time. Various robots will be provided per level.

Aside from immersing them in technology, they will also be encouraged to improve their interpersonal skills as they have the opportunity to collaborate with their co-participants in assembling their robotic masterpieces.

This is going to be a fun way to make those young minds to be creative, imaginative, and analytic!



DRONE IN THE ZONE

Run time: 45 minutes

Suggested venue: A high-ceiling social hall / gymnasium/ covered court

Drones are the newest additions to the roster of modern innovations today. It is an unmanned aircraft that can fly autonomously through software-controlled flight plans in their embedded systems working in conjunction with onboard sensors and GPS.

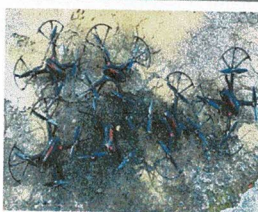
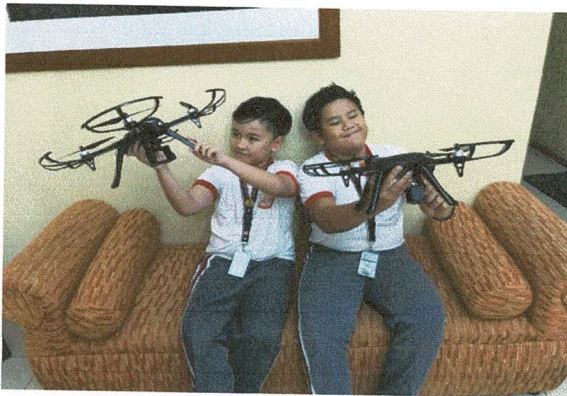
Nowadays, drones are mainly for surveillance, traffic and weather monitoring, aerial photography and videography, and even delivery services.

For this science fair, a comprehensive lecture on drones will be conducted prior to allowing the learners to operate the device by themselves. They will be trained on how drones work, the safety precautions,

and its significance in the world of science, technology, and industry.

We care about the safety of the learners. To make sure that all participants are safe when flying their own drones, highly-skilled trainers will guide them in operating these devices. The drones that will be provided will also depend on the age of the user.

The participants will surely have fun in this activity! There is nothing more exciting than being a "pilot" while your feet are still on the ground!



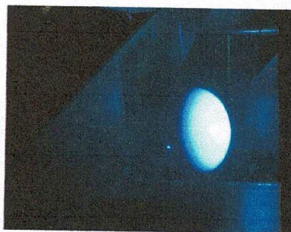
THE AMAZING HOLOGRAM

Run time: 45 minutes

Suggested venue: Social Hall / Laboratory / Classroom

This amazing work of technology showcases a virtual presentation of life-size images in **4D** using a photographic technique that records the light scattered from an object, and then presents it in a way that appears four-dimensional. This is holography.

This mode of learning will not just feed the participants with useful knowledge, but also give them an unforgettable visual treat! Here, the participants will learn about various topics in science such as the life cycle of animals and plants, human body parts (*i.e. heart, kidney, muscular, skeletal system*), and a lot more through animated and interactive holographic presentations and lectures.



AUGMENTED REALITY

Run time: 45 minutes

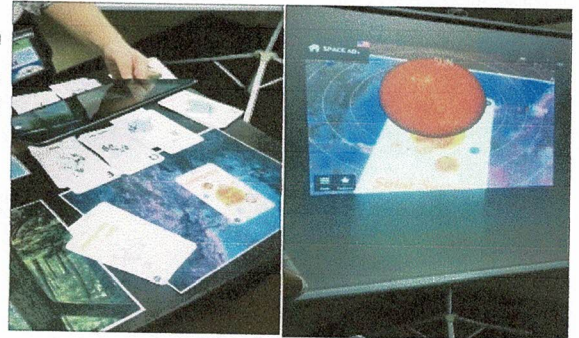
Suggested venue: Social Hall / Laboratory / Classroom

Augmented Reality (AR) devices provide learners an experience of a new and improved natural world by overlaying projected images on top of a pair of see-through goggles, glasses, or projection tablets. These devices allow the images and interactive virtual objects to

layer on top of the user's view of the real world.

This work of wonder and science is made possible through sensors and cameras, projection, computer processing units, and reflection. AR devices can be controlled either by touch pad or voice commands.

Science and technology prove that raw reality can still become more real through AR!



BASIC PHOTOGRAPHY

Run time: 45 minutes

Suggested venue: Social Hall / Classroom

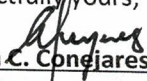
Photography is using a camera to take a photographs. Many people are passionate about photography and there are many different styles. Photography has become more advanced over

the years and changed the way we live.

Photography is the best way to show someone your point of view, what you are and what you think. It's also a way to immortalize moments and emotions that you can remember and share with others. Photography is not just a hobby, it's a way of thinking.

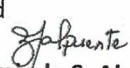


Respectfully yours,


Evelyn C. Congjares

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Noted


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