Republic of the Philippines
Department of Education
Region VII, Central Visayas
DIVISION OF CEBU PROVINCE
IPHO Bldg., Sudlon, Lahug, Cebu City

September 10, 2019

Division Memorandum
No. 535 ,s.2019

REQUEST FOR ADVISORY FOR THE CONDUCT OF THE CLIMATE CHANGE, SPACE SHOW AND ROBOTICS CARAVAN AMONG PRIVATE AND PUBLIC SCHOOLS IN CEBU

To: Assistant Superintendents
Chiefs, SGOD & CID
Education Supervisors/ Coordinators
District Supervisors/OICs
Elementary and Secondary School Heads
Heads, Private Elementary and Secondary Schools

1. Attached is a letter from **MS. IRENE C. TERRY**, Chief Marketing Officer, Aces Kings Education & Solutions dated September 03, 2019 with attachment entitled, " Request for Advisory for the Conduct of the Climate Change, Space Show and Robotics Caravan Among Private and Public Schools in Cebu Province" with enclosure (list of full-dome movies to be shown).

2. Immediate and wide dissemination of this Memorandum is desired.

RHEA MAR A. ANGTUD, ED.D.
Schools Division Superintendent

DR. RHEA MAR A. ANGTUD
Schools Division Superintendent
Department of Education
Cebu Province

Subject : **REQUEST FOR ADVISORY FOR THE CONDUCT OF THE CLIMATE CHANGE, SPACE SHOW AND ROBOTICS CARAVAN AMONG PRIVATE AND PUBLIC SCHOOLS IN CEBU PROVINCE**

Dear Dr. ANGTUD:

Greetings of peace and prosperity!

Aces and Kings Events Management Co. is an education solutions provider whose primary objective is to launch and operate interactive events and exhibition that will complement traditional classroom-based learning all over the Philippines.

By applying the technology used by **planetariums** to simulate the splendor of the universe, our proposed activities will showcase the beauty of the earth and the cause and effect of global warming and other related issues. To inspire active participation, we are incorporating other immersive and interactive activities and lectures that promote environment protection, disaster preparedness and updates in astronomy and space science.

In this regard, we are excited and more than willing to invite both public and private schools nationwide to join our laudable events. We have customized modules suitable for all levels from pre-school, elementary, junior high and senior high school.

Attached herewith is our brief concept paper. Should you wish to know more about our programs, we would be glad to schedule a meeting with you or your authorized representative. We are very eager to work with your office to implement a program that would meet Department of Education's mission and vision of unleashing the potentials of our young learners and bringing out the genius in every child.

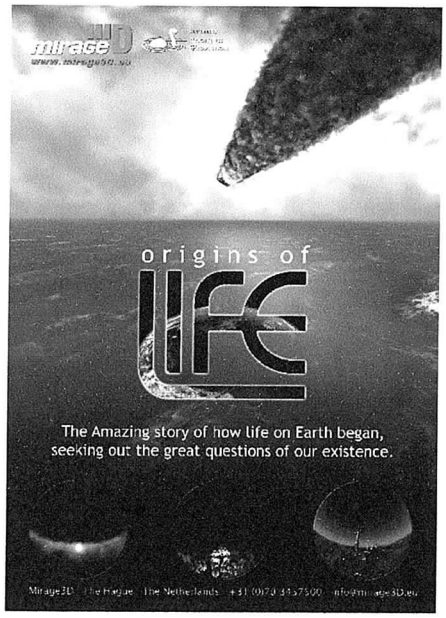
Very truly yours,

AIRENE C. TERRY
Chief Marketing Officer

STATION 1: Full-Dome Digital Show

In addition to the standard dome lecture on constellations and simulated journey to the outer space, the school may choose among our full-dome movies to be shown to our students based on their needs and level of understanding.

Option 1: Origins of Life



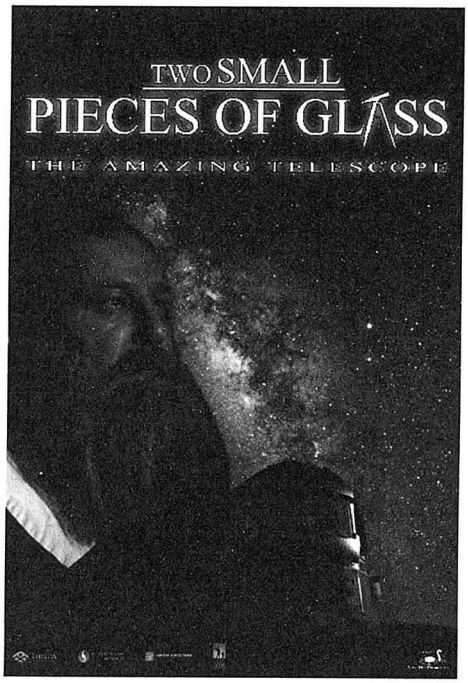
Origins of Life
The fulldome planetarium show that shakes the world of Earth/Life/Planetary science to its core!

Origins of Life deals with some of the most profound questions of life science: the origins of life and the human search for life beyond Earth.

Starting with the Big Bang, in chronological order, the show deals with the prebiotic chemistry in the Universe, the formation of stars, formation of solar systems, and the first life on Earth. ***Origins of Life*** then covers the great extinctions, as well as our search for (primitive) life beyond planet Earth.

Origins of Life is an inspirational journey through time — and a celebration of life on Earth. It features many recent discoveries related to life science, demonstrating that if there was ever a time that science made its greatest advances, it's right now!

Option 2: Two Small Pieces of Glass



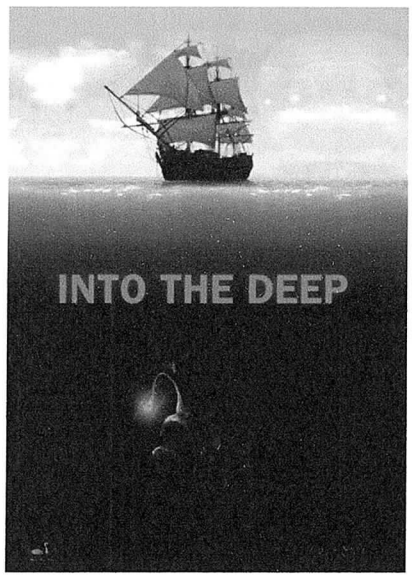
Two Small Pieces Of Glass
The IYA 2009 History of the Telescope project

Galileo did not invent the telescope, but he was the first person to use the newly invented device to observe the sky. Through these observations, the Italian philosopher-scientist concluded that the heavens were not perfect and immutable: he observed lunar mountains, phases of Venus, Jupiter's moons, and even sunspots. His two small pieces of glass revealed a Universe that was far more complex than previously assumed.

Telescopes have advanced considerably since Galileo's time. Humanity now has large observatories and even a couple in outer space. ***Two Small Pieces Of Glass*** shows how telescopes work; and how astronomers have used them to scrutinize the structures within our cosmos.

Complemented with spectacular imagery of Saturn's rings, beautiful stellar nurseries and the spiral structure of galaxies, ***Two Small Pieces Of Glass*** shares the way telescope development has helped us understand our place in space.

Option 3: Into The Deep (Oceanarium)



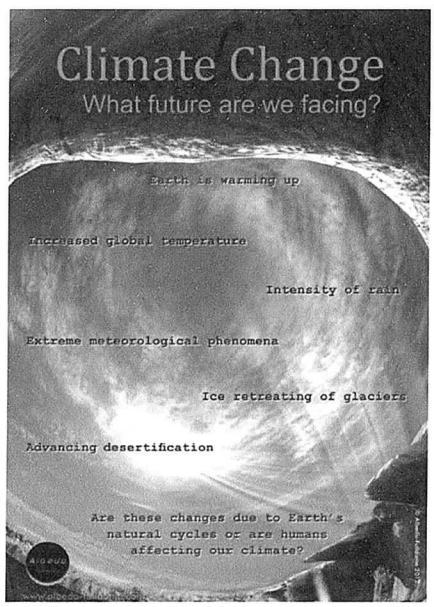
The deep sea is one of the most mysterious and little-explored regions of Earth. We know more about the surface of the Moon than we do about the wonders hidden beneath the waves of our planet's seas.

The show shares glimpses of rarely seen marine organisms: biolumnescent frogfish, jellyfish, vampire squid, viperfish, pelican eels, and the mysterious fangtooth — all perfectly adapted to the extreme pressures and temperatures of their alien environment.

In addition to teaching about marine biology and ocean exploration, ***Into the Deep*** documents submersible exploration, and describes the basic physical principles that allow humans to venture safely into these otherworldly landscapes. Audiences will experience the dive of *Trieste* to the Challenger Deep, the lowest point of the Mariana Trench in the South Pacific.

The show presents the evolution of deep-sea diving vessels used to explore the ocean environment. The 1930 mission by William Beebe and Otis Barton marked humanity's first true exploration of the depths. Recent dives are recounted, from Robert Ballard's journey to the *RMS Titanic* (which sank in 1912) to filmmaker James Cameron's recent solo dive into the Mariana Trench — all are expanding our understanding of the deep-sea environment.

Option 4: Climate Change



Using immersive film technology akin to **planetarium**, the show will educate and entertain participants on how our planet's climate is changing. Participants are plunged into a spectacular environment recreating landscapes and virtual scenes. From the examination of meteorological phenomena to the exploration of large natural spaces and weather conditions, the show provides an extraordinary experience in learning highly topical and transcendent issues.

STATION 2: Interactive Discussion

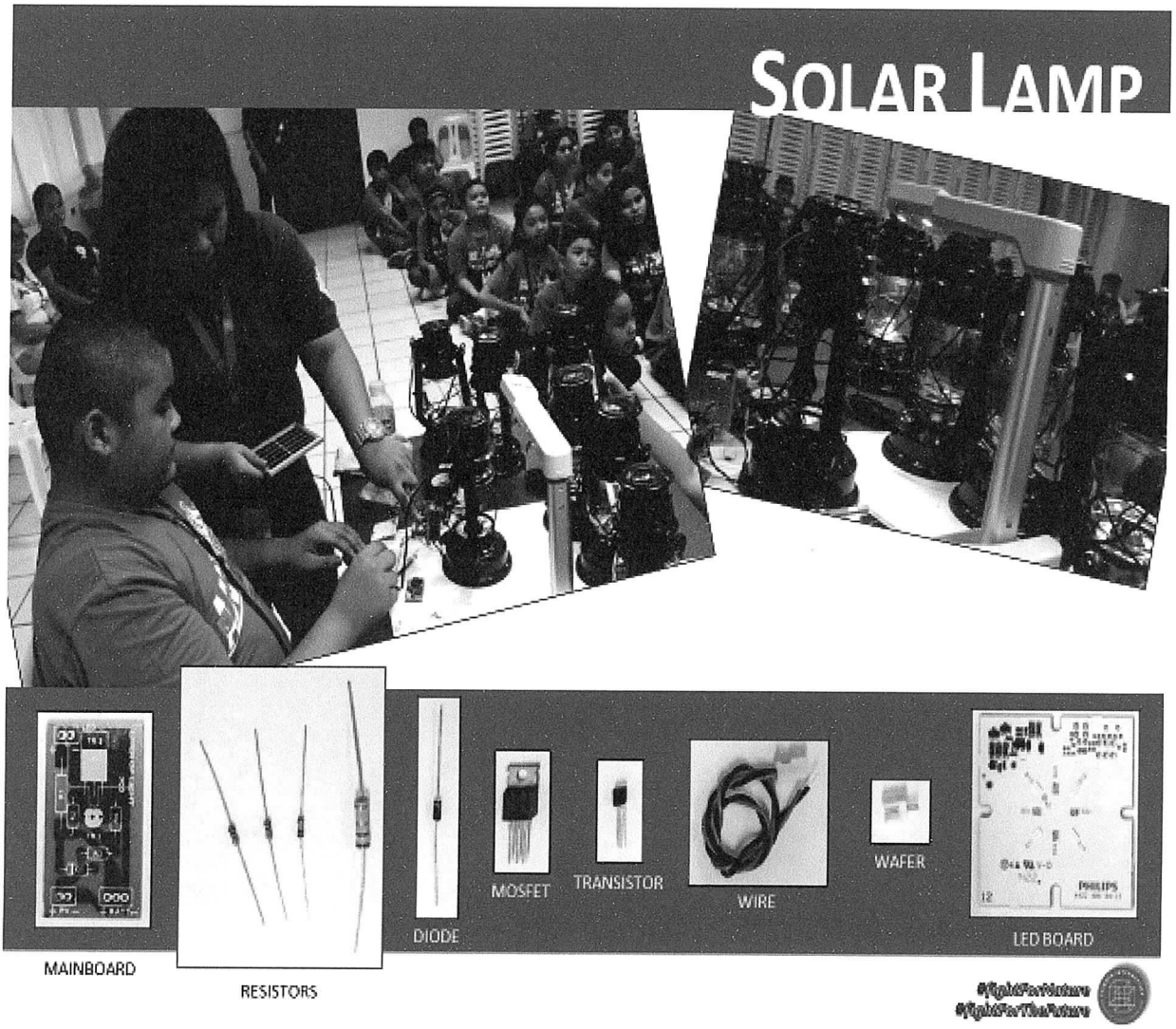
This is a customized lecture and forum with our team of lecturers headed by MR. BAMM GABRIANA. The subject matter will be based on the current topic of each science class or as per request and/or recommendation by the science teacher.

Recommended topics are the following:

1. Climate Change Awareness
2. Latest Discoveries and Updates in Astronomy and Space Science
3. Disaster Risk Reduction and Mitigation

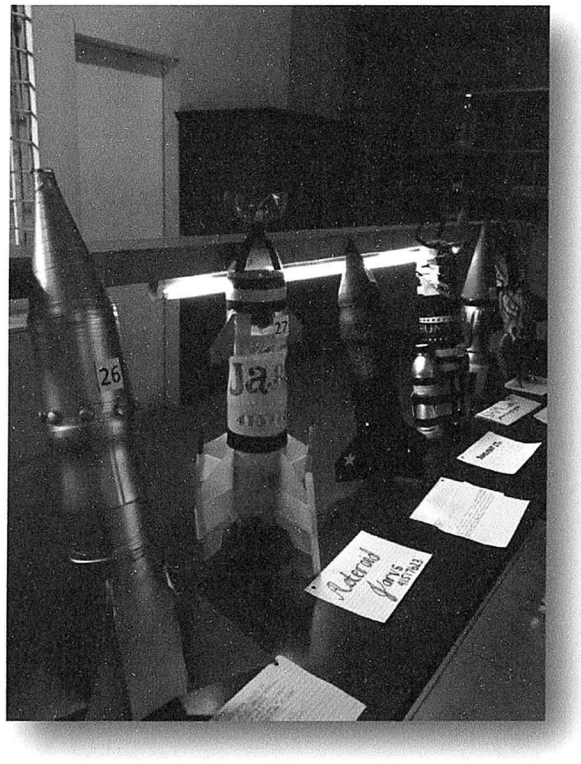
STATION 3: Solar Lamp Making

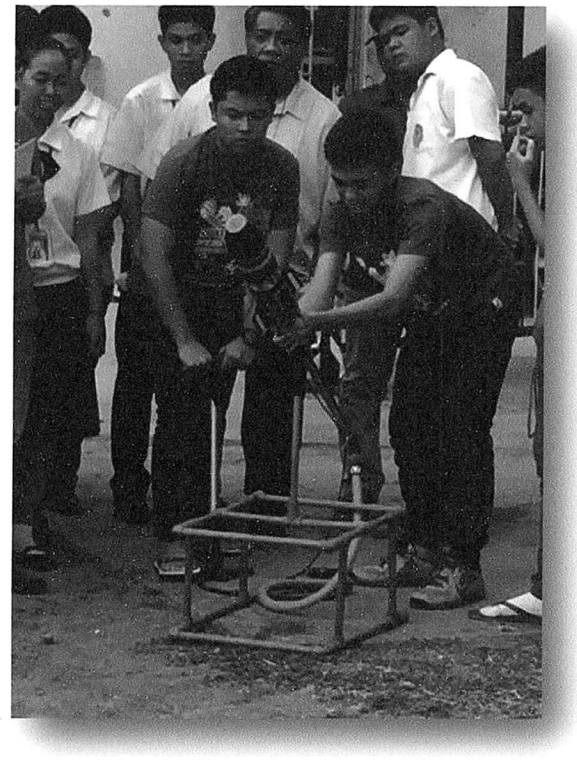
We demonstrate how to turn waste plastic bottles into solar bulbs and/or making solar lamps. *First Light* is a sustainable lighting project which aims to bring the eco-friendly solar bottle bulb to homes and communities around the world.



STATION 4: Water Bottle Rocket Competition

Design your own water bottle rocket that can soar up to 100 FEET in the air. Students will learn about pressure and drag and then launch their rockets high in the sky.





STATION 5: Photobooth Station

Unlimited shots.

One free print for a group of 5 to 6 students.