

Republic of the Philippines **Department of Education**Region VII, Central Visayas



DIVISION OF CEBU PROVINCE

Sudlon, Lahug, Cebu City

August 27, 2013

Division Memorandum No. 469, s. 2013

THE SPACE SCIENCE ROADSHOW IN ALL PUBLIC AND PRIVATE PRESCHOOL, ELEMENTARY AND HIGH SCHOOLS IN THE PROVINCE OF CEBU FOR THE ACADEMIC YEAR 2013-2014

To: OIC, Assistant Superintendents
Education Supervisors / Coordinators
District Supervisors / OICs
Elementary and Secondary School Heads
Heads, Private Elementary and Secondary Schools

- 1. Attached is a letter from former Senator Nikki M.L. Coseteng, President / CEO, NCEducational Resources and Interactive Events Services Inc.
- 2. The schools are invited for this program to meet the DepEd's mission and vision and to enhance students' learning especially in planetarium and astronomy but it is reiterated that the conduct of these activities for THE SPACE SCIENCE ROADSHOW are purely voluntary and non—compulsory in public and private schools in the Province of Cebu.

3. Wide dissemination of this Memorandum is desired.

ARDEN D. MONISIT, Ed.D Schools Division Superintenden

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August 2, 2013

DR. ARDEN D. MONISIT
Schools Division Superintendent
Department of Education
Province of CEBIL

Subject:

THE SPACE SCIENCE ROADSHOW in all public and private preschool, elementary and high schools in the Province of CEBU for the Academic Year 2013 – 2014

Dear Dr. Monisit:

Astronomy is dynamic and ever-changing. Astronomers around the world are working to further our knowledge. In 2010, we launched an Astronomy Awareness Program nationwide that inspired many students and encouraged them to start reaching for their stars by arousing their interest and curiosity about the wonders and intricacies of the universe and encouraging them to pursue a highly laudable career track in space science and technology.

Now is the perfect time to learn more about the universe as there are lots of space missions and celestial events to look forward to. Conducting this Space Science Strategic Development Program will be beneficial and definitely entertaining for students. We work closely with business, government and academic leaders to develop an initiative that would expand access to state-of-the-art teaching tools, new programs and bolder experiences in bringing Math and Science to life.

The following are the activities for **THE SPACE SCIENCE ROADSHOW** — a totally entertaining, informative and exciting school-based program suitable for all levels from pre-school, elementary and high school.

Station 1: The NCERIES Digital Mobile Planetarium

A planetarium is an ideal fun environment for children and adults to learn about the Earth and our place in the Solar System. The planetarium is available for hire and is visiting schools nationwide. Every school can now avoid the headache and expense of organizing a fieldtrip to an off-site planetarium. Students experience and enjoy the use of this valuable teaching resource at a minimal cost.

Station 2: Film Showing

We have a great collection of the latest age-appropriate astronomy movies. Teachers may choose which movie to play based on the school's science curriculum.

Station 3: Ask-An-Astronomer and Space Science Exhibit featuring

- > ASTROPHOTOGRAPHS a collection of stunning photographs of the solar system, deep sky objects, space exploration and a lot more.
- METEORITES -- Meteorites are among the rarest materials that exist in our planet -- far less common than gold, diamonds, or even emeralds and are also



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the oldest things any human could ever touch. Though meteorites may appear to be just boring rocks, they are extremely important in that we can analyze them carefully in our labs.

- > OPTICAL ILLUSIONS The Science of Visual Perception
- Other Activities (Provided the sky is clear and the weather is good, the following activities may be held)
 - STARGAZING all participants gather at night for the actual observation of the night sky using high-powered telescopes designed to provide optimal viewing experience
 - ❖ SOLAR VIEWING participants get to observe the sun using our special solar telescopes
 - **❖ WATER BOTTLE ROCKET MAKING and LAUNCHING** students enjoy making their own rockets using ordinary water bottles
 - ❖ TEACHER TRAINING—To equip our educators with the necessary tools, knowledge and skills in teaching abstract Astronomical concepts to our students
 - Surprise optional activities like parlor games, trivia questions about the film, workshopsand other exciting events will surely amaze the students and will make this experience more fun and meaningful to them.

EVENT DURATION

The program runs for approximately **two and a half (2 1/2) hours** per batch (including digital mobile planetarium show, film showing and exhibit/open forum). Students who opt to join the stargazing activity must secure parent's consent and waiver and will have to stay in the venue from 6 P.M. until 9 P.M.

TARGET DATE OF IMPLEMENTATION

School may choose the most suitable date and time for their students to engage in this educational program. However, reservation must be done at least a month before the school's target date.

CONTACT DETAILS

For bookings, incentives, discounted rates, schedules and other details and inquiries, please feel free to contact:

Chief Marketing Officer:

AIRENE C. TERRY

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In this connection, we would like to request permission and endorsement from your good office to conduct these voluntary, non-compulsory astronomy strategic development activities in public and private schools in the Province of Cebu. We will work closely with your office to develop a program that meets the Department of Education's mission and vision and to help the students recreate themselves and discover their place in the universe.

Thank you and Mabuhay!

Warm Regards!

SEN. NIKKI M.L. COSETE

President/CEO

NCERIES Inc.