



Republic of the Philippines
Department of Education
REGION VII – CENTRAL VISAYAS
Schools Division of Bohol

**Office of the Schools
Division Superintendent**

July 18, 2025

DIVISION MEMORANDUM

No. **459**, s. 2025

SPACETIME AND LIGHTYEAR PROGRAMS FOR SCIENCE HIGH SCHOOLS

To: Assistant Schools Division Superintendent
- Chief, CID and SGOD
Public Schools District Supervisors/APSDSs
Public Secondary School Heads
All Others Concerned

4. Attached is Regional Memorandum No. 612, s. 2025, titled **"Spacetime and Lightyear Programs for Science High Schools"**, the contents of which are self-explanatory.
5. For the information, guidance and compliance of all concerned.
6. Immediate and wide dissemination of this Memorandum is desired.


FAY C. LUAREZ EdD, PhDTM, CESO VI
Assistant Schools Division Superintendent
Officer-in-Charge
Office of the Schools Division Superintendent

FCL/CID/CMR/GTC



Republic of the Philippines
Department of Education
REGION VII - CENTRAL VISAYAS

Office of the Regional Director

23 JUN 2025

REGIONAL MEMORANDUM

No. **0612**, s. 2025

SPACETIME AND LIGHTYEAR PROGRAMS FOR SCIENCE HIGH SCHOOLS

To: Schools Division Superintendents
All Others Concerned

1. Attached is a communication from Ms. Airene C. Terry, Marketing Director, Laniakea Ventures, announcing the conduct of an immersive, interactive and innovative mobile science fair to various participating science schools nationwide for SY 2025-2026.

2. For further details about the event, please contact:

Ms. Airene C. Terry

Marketing Director

Mobile: 09919131977

Landline: (032) 2314234

Email: spacetimex.ph@gmail.com

3. The participation of the learners and teachers from both public and private schools is subject to the discretion of the Schools Division Superintendent and is subject to compliance with the no-disruption-of-classes policy outlined in DepEd Order No. 9, s. 2005, titled "Instituting Measures to Increase Engaged Time-On-Task." Additionally, participation in the activity must adhere to the no-collection policy as articulated in Section 3 of RA No. 5546, "An Act Prohibiting the Sale of Tickets and/or the Collection of Contributions for Whatever Projects or Purpose from Students and Teachers of Public and Private Schools."

4. For information and dissemination.

SALUSTIANO T. JIMENEZ EdD, JD, CESO III

Director IV

Regional Director

STJ/FYA/CLMD/EBEJ/bca



Doña M. Gaisano St., Sudlon, Lahug, Cebu City
Telephone Number: 639773295904 local 700



DepEd Tayo Region VII



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May 13, 2025

Salustiano T. Jimenez
Director
Department of Education – Region VII

Thru: Bryant Acar
Regional Education Program Supervisor for Science

SUBJECT: *Permission to conduct SpaceTime and LightYear programs within the schools divisions of Region VII*

Dear Sir Jimenez:

We are extremely delighted to announce that we shall be conducting an immersive, interactive and innovative mobile science fair to various participating schools nationwide for the school year 2025-2026. In particular, we offer two programs, our flagship **SpaceTime Events and Exhibits** for regular basic education students and **Light Year Program** for science high school students.

These two programs comprise of the following activities:

SpaceTime	LightYear
<i>For elementary and regular high schools</i>	<i>For science high schools and special science classes</i>
Activity 1: SpaceDome (Digital Mobile Planetarium) Activity 2: Space Exhibits (Hands-On Interactive Immersive Science Experience) Activity 3: SpaceTalk (Ask-Us-Anything) Activity 4: SpaceWiz (Water Bottle Rocketry, Art Competition and/or Quiz Show) Activity 5: Space Photobooth	Activity 1: SpaceDome (Digital Mobile Planetarium) Activity 2: Outdoor hands-on Activities – SpaceRocket and Gold-panning Activity 3: Indoor hands-on Activities – Spacefood making and AI and Robotics consultation Activity 4: Career Talk and Interactive Lectures concerning special topics in Earth and Space Science <i>Also includes photobooth</i>

SpaceTime is an inclusive celebration of science, astronomy, curiosity, and discovery; a natural multi-discipline event that can best present relevant science information in a way that is accurate, engaging and inspirational. On the other hand, **LightYear** is a special program designed with students who already have a higher-than-average aptitude in science and mathematics in mind, with emphasis on Earth science research and career promotion and interactive lectures concerning advanced and applied topics in Earth and Space Science. Both programs are developed and presented by Laniakea Ventures, an educational consultancy company based in Liloan, Cebu. We already boast having served several schools within Cebu, Bohol, and Siquijor and we wish to extend our reach to more schools.

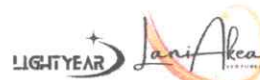
In this regard, we would like to request approval to conduct this activity and invite your students to join the said event. Attached herewith is our concept brief for the two programs and the description of activities for your perusal. If you want us to hold a small demonstration to give you a concrete idea of what the experience looks like, we have ready resource persons who can give a demonstration for you.

We are praying for a favorable response and prompt action from your good office concerning this matter. We wish to be your partners in making Earth and Space Science education more accessible, fun, and effective among our learners.

With you under one sky,



AIRENE C. TERRY
Marketing Director
Laniakea Ventures
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spacetime.ph@gmail.com
Jimsville Alpha, Tayud, Liloan, Cebu 6002



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JUN 18 2025



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EARTH, SPACE and BEYOND

An Inclusive Immersive Interactive Event Series and Experience Like No Other



SPACE TIME

SpaceDome 
(Virtual Celestial Navigation)

SpaceEx 
(Curiosity and Discovery)

SpaceTalk 
(Unleash The Genius)

SpaceRace 
(Water Bottle Rocketry)

A.I. Realm 
(New!!!)

For details, bookings and appointments, please contact:

AIRENE C. TERRY
Chief Marketing Officer



09950870710



spacetimex.ph@gmail.com



SpaceTime Events and Exhibits



An Experience Like No Other

It's time to embark into a virtual journey to our planet Earth and the outer space and fully immerse ourselves into the wonders and mysteries of the expanding cosmos. By engaging in SPACETIME Science roadshow, we can peer deep into space, travel back billions of years in time to witness the birth of the universe, explore our own Milky Way galaxy and return home to Earth on a spectacular tour through the solar system.

The SPACETIME Experience

- ✓ Unique inspirational positive social environment
- ✓ Realistic Atmosphere with intuitive navigation
- ✓ Inquiry-based learning
- ✓ Reinforcement of Classroom Learning & Retention
- ✓ Focus on Key Competencies
- ✓ Multi-discipline presentations

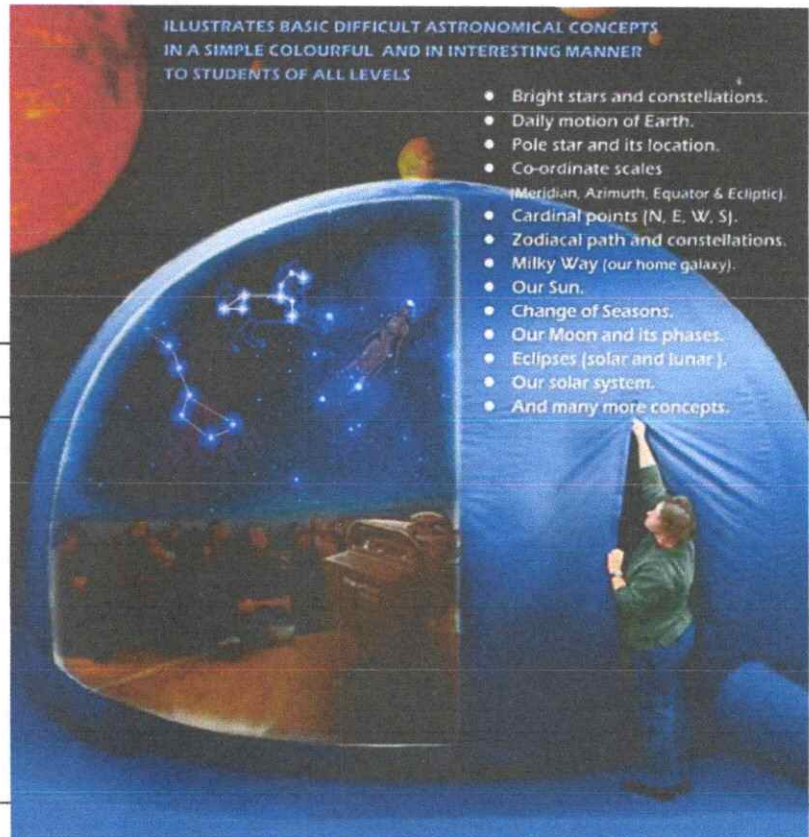


Activity 1: SPACE DOME (Virtual Celestial Navigation)

Dome Sizes:

- 7m diameter | Height: 4.2 meters | Floor Area: 38.48 m²
- 5m diameter | Height: 3.2 meters | Floor Area: 19.60 m²

Our virtual space dome is an effective and unique immersive interactive facility used to support Science, Technology, Engineering, and Mathematics (STEM) learning as well as Art, Culture, and History.



ILLUSTRATES BASIC DIFFICULT ASTRONOMICAL CONCEPTS IN A SIMPLE COLOURFUL AND IN INTERESTING MANNER TO STUDENTS OF ALL LEVELS

- Bright stars and constellations.
- Daily motion of Earth.
- Pole star and its location.
- Co-ordinate scales (Meridian, Azimuth, Equator & Ecliptic).
- Cardinal points (N, E, W, S).
- Zodiacal path and constellations.
- Milky Way (our home galaxy).
- Our Sun.
- Change of Seasons.
- Our Moon and its phases.
- Eclipses (solar and lunar).
- Our solar system.
- And many more concepts.



Activity 2: PHOTOBOOTH (Special Space Effects)



0970.160.7770 | Gmail spacetimex.ph@gmail.com



Activity 3: SPACE EX (Curiosity and Discovery)



Activity 4. WATER BOTTLE ROCKETRY

- ✦ Best in Rocket Design
- ✦ Longest Flight
- ✦ Farthest Flight



Activity 5: Lecture and Open Forum (Unleash the Genius)

This segment allows students to discuss abstract astronomical ideas with our dynamic scientists, amateur astronomers and/or science communicators, mixed with games, giveaways, and lots of surprises.



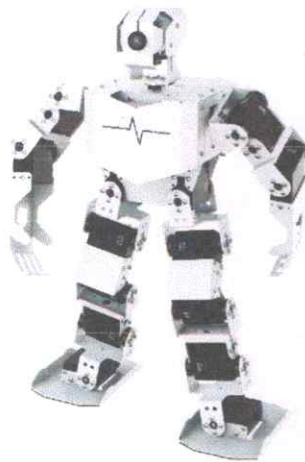


NEW!! Activity 6: AI REALM

Featuring professional AI humanoid robots capable of lively mimicking human actions.

AiNex is our intelligent humanoid robot built on the Robot Operating System (ROS). It boasts 24 degrees of freedom (DOF) and is powered by a Raspberry Pi. With self-stabilizing inverse kinematics, AiNex excels in walking, climbing, hurdling, grasping, and performing complex movements. Furthermore, its height, turning radius, and speed can be adjusted!

Equipped with a 2DOF AI vision camera and robotic hands that can open or close, AiNex can accomplish tasks like line following, target tracking, ball shooting, intelligent picking and sorting, transportation, stair climbing, and more, using AI vision and advanced kinematics.



WHY INTRODUCE AI TO OUR YOUNG LEARNERS?

Artificial intelligence (AI) is currently one of the hottest buzzwords in tech and with good reason. The last few years have seen several innovations and advancements that have previously been solely in the realm of science fiction slowly transform into reality. Experts regard artificial intelligence as a factor of

production, which has the potential to introduce new sources of growth and change the way work is done across industries.

LIGHTYEAR PROGRAM

A mobile science event tailored for science high schools



Together, we'll help shape the country's future Earth and Space scientists with you...

Meet our key lecturers:



BAMM GABRIANA

Former Astronomy lecturer,
Rizal Technological University
BS Mathematics, UP Diliman
Batch 1988, Philippine Science High School - Main Campus

PAUL CHRISTIAN YANG-ED
Geologist
BS Geology, UP Diliman
Batch 2011, Philippine Science High School - Ilocos Region Campus



QUESTIONS?

Brought to you by:



Laniakea Ventures

the maker of
SpaceTime Events and Exhibits

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Laniakea Ventures PH

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WHAT IS THE LIGHTYEAR PROGRAM FOR?

The LightYear Program is an educational program intended to supplement or enhance existing Earth and Space science instruction in **science high schools**. It is a spinoff of Laniakea Ventures' SpaceTime Events and Exhibits which are geared for regular basic education and tertiary students.

WHY SHOULD WE TRY THE LIGHTYEAR PROGRAM?

- **Convenient, safe, and fun** - Students, teachers, and parents alike don't have to leave the school unlike when going to field trips but remaining fun as an actual field trip
- **Tailored for the needs of Science High Schools** - The program is designed and taught by actual Earth and Space science professionals
- **Worth the ticket** - For a reasonable registration fee, students get to do a variety of immersive educational activities and exchange ideas with actual Earth and Space science professionals, both of which they can't do in traditional science museums

HOW DOES LIGHTYEAR DIFFER FROM SPACETIME AND OTHER COMPETITORS?

- **More time** for interactive discussions and demonstrations on advanced topics in Earth and Space Science (20 minutes in SpaceTime vs. up to 1 hour and 30 minutes in LightYear)
- Has a devoted part on **career talks**
- Lecturers are people with an **actual Earth and Space Science background** who can competently answer your questions

What activities does LightYear program have to offer?

INTERFACE WITH ACTUAL EARTH AND SPACE SCIENCE PROFESSIONALS

Interactive discussions and demonstrations

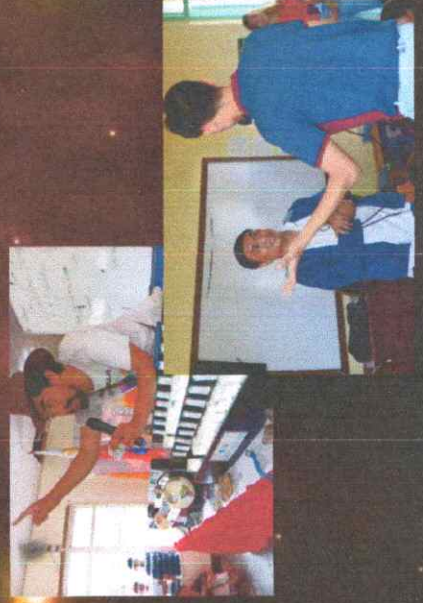
Our lecturers offer discussions on special and advanced topics on Earth and Space Science, with emphasis on how the basic principles they learned in their classes are applied in Earth and Space Science contexts

Career talks

Unique to the LightYear program and among competitors, our lecturers can also provide insight on potential careers in the field of Earth and Space science

Post-event support

Even after the event has been finished, our students can still reach out to us for advice concerning research, careers, and other questions they might have



VARIETY OF IMMERSIVE AND HANDS-ON ACTIVITIES

Mobile inflatable planetarium

Simulate the night sky and other celestial objects through our inflatable mobile planetarium



Make your own water bottle rocket, space food, or pan for gold!

You can try making and launching your own water bottle rocket or make space food or pan for gold while learning the science behind them



Tryouts of tools and equipment used by Earth and Space Scientists

Not only do you take pictures but you can also try using tools and equipment used by Earth and Space scientists such as telescopes and handlenses and inspect specimens of rocks and fossils from the Philippines

