

Department of Education

REGION VIII SCHOOLS DIVISION OF CALBAYOG CITY

Advisory No. <u>014</u> s. 2025 July 23, 2025

WANDERING MINDS: SCIENCE ADVENTURES

- This is to inform the field that the "Wandering Minds" offers an Ultimate 3D Science Experience that will be held in Parish Pastoral Formation Center, JD Avelino St., Calbayog City on September 15 to 17, 2025.
- 2. The Ultimate 3D Science Experience is an innovative and engaging educational program designed to spark curiosity, promote critical thinking, and inspire a lifelong passion for science among students of all ages. This exhibit combines state-of-the-art technology, hands-on experimentation, and immersive learning experiences to create a comprehensive science education opportunity.
- 3. Through activities such as a Chroma Key Workshop, over 20 interactive science exhibits, a thrilling 3D movie experience, and telescope-based celestial observations, participants will explore the fascinating worlds of physics, biology, chemistry, astronomy, and beyond.
- 4. Attached is the Wandering Minds List of Activities for reference.
- 5. Immediate dissemination of this Advisory is desired.



MARGARITO A. CADAYONA JR PhD, CESO VI Assistant Schools Division Superintendent Officer In-Charge V Office of the Schools Division Superintendent







Wandering Minds: Science Adventures Start Here

Dear Superintendent Cadagana



I am thrilled to express my deep enthusiasm for the opportunity to propose "Wandering Minds" an innovative educational program that brilliantly intertwines curiosity, critical thinking, and the joy of scientific discovery. As someone driven by a lifelong passion for education and science communication, I am excited by the prospect of helping shape young minds through this transformative initiative and experience.

Throughout my career, I have sought out opportunities that allow me to make learning both meaningful and memorable. Whether through designing inquiry-based science modules or leading interactive workshops, I've witnessed firsthand the magic that happens when students are invited to explore the world through a lens of wonder and inquiry. The vision of Wandering Minds resonates with my belief that education should not only inform but ignite imagination. I am confident that through wandering minds educational program and its innovative and student engagement would add value to your mission of inspiring learners across all age groups.

I would welcome the chance to bring my energy, creativity, and love for science to your institution. Thank you for considering my proposal, I'm excited at the prospect of helping students spark that first moment of awe in students.

Sincerely Yours,



The Ultimate 3D Science Experience

The Ultimate 3D Science Experience is an innovative and engaging educational program designed to spark curiosity, promote critical thinking, and inspire a lifelong passion for science among students of all ages. This exhibit combines state-of-the-art technology, hands-on experimentation, and immersive learning experiences to create a comprehensive science education opportunity.

Through activities such as a Chroma Key Workshop, over 20 interactive science exhibits, a thrilling 3D movie experience, and telescope-based celestial observations, participants will explore the fascinating worlds of physics, biology, chemistry, astronomy, and beyond. This proposal outlines the components, logistics, and benefits of hosting this unforgettable science event.

ACTIVITIES AND WHAT TO EXPECT:

Chroma Key Workshop / Green Screen Activity Description:

Students explore the science behind special effects by participating in an interactive green screen session. They can act, dance, or report the news and watch themselves transported to dynamic digital environments.

What to Expect:

- Learn the principles of chroma key technology.
- Participate in creative workshops, acting in front of a green screen.
- Experiment with digital backdrops and props.

Equipment:

- Green Screen with Tripod
- Props for Acting, Newscasting, and Dancing
- High-End Projectors
- Sound System with Amplifier, Speakers, and Microphone

3D Movie Experience

Activity Description:

Immerse in a thrilling science-themed 3D movie that educates and entertains. Students wear 3D glasses to experience lifelike visuals on a massive screen.

What to Expect:

- Watch a 3D movie that highlights scientific concepts.
- Experience surround sound and lifelike visuals.

Equipment:

- 10x7 ft Silver Screen
- Two High-End Projectors with Polarizers
- Pairs of 3D Glasses
- Surround Sound System (Speakers, Amplifier, Subwoofer)
- Dimming Black Cloth

Science Manipulative Exhibits

Activity Description:

Students interact with over 20 hands-on science exhibits, exploring principles of physics, chemistry, biology, and more.

What to Expect:

- Engage with exhibits demonstrating energy, motion, optics, and electricity.
- Explore concepts like static electricity, magnetic levitation, and optical illusions

Equipment:

- Physics & Electricity:
 - Plasma Lamp
 - Van de Graff Generator
 - Hand Held Generator
 - Body Conductor
 - Floating Bulb Magnetic Levitation
 - Bernoulli's Blower (with Ball)
- Optics & Illusions:
 - Newtonian Pendulum
 - Shadow Catcher
 - Optical Illusion
 - Floating Water Illusion
 - Infinity Light Illusion
 - 3D Hologram Fan
 - Infinity Well

Creative & Interactive:

- **VR Box**
- 2 Big Kaleidoscopes
- 3 Kaleidoscopes with Stand
- Kaleidoscope Print Art
- Pin Art

Exploration & Observation:

- Digital Microscope
- Telescope
- Other Interactive Exhibits:
 - Lava Lamp
 - Buzzwire
 - Rhythm Lights
 - Mirascope
 - Floating Faucet

Telescope Lecture and Solar Viewing

Activity Description:

Students learn the basics of telescopes and their use in astronomy, followed by an observation session of celestial objects.

What to Expect:

- Learn how telescopes function and their components.
- Safely view the Sun with solar filters (daytime).
- Observe stars, planets, and constellations (nighttime, weather permitting).

Equipment:

- Telescope
- Solar Filters

Event Schedule and Ticket Price

- September 15, 2025
- September 16, 2025
- September 17, 2025

Venue: Parish Pastoral Formation Center
Senate President Jose Avelino Ave. Calbayog City (along Maharlika Highway in front of Saints Peter and Paul Cathedral)

Ticket Price: P 400.00

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