

2407-2021

Republic of the Philippines
Department of Education
REGION I



Advisory No. 0083, s. 2024

In compliance with DepEd Order (D.O) No. 8, s. 2013
but only for the information of DepEd Officials,
personnel/staff, as well as the concerned public.
(Visit www.deped.gov.ph)

iSPY ARTS AND SCIENCE EXHIBIT (iSPY 1.0 AND iSPY 2.0)

The iSPY Arts and Science Exhibit (iSPY 1.0 and iSPY 2.0) of the Regency Escapade Travel and Tours is offering an Arts and Science Mobile Exhibit for private and public elementary and secondary schools for this School Year 2024-2025.

The activity is designed to enhance the learners' awareness of important contributions made through simple science experiments and through arts in improving the environment.

Interested school may contact Mr. Michael L. Casem, General Manager for the arrangement of activity schedule.

Personnel and staff of the Department of Education from the regional and schools (division offices, including public and private elementary and secondary schools may join the activity on a voluntary basis.

Participation of public and private schools shall be subject to the no-disruption-of-classes policy stipulated in DepEd Order No. 9, s. 2005 entitled Instituting Measures to Increase Engaged Time-On-Task and Ensuring Compliance Therewith.

Attached is the letter of Mr. Michael L. Casem, General Manager, indorsement from the Office of Bureau of Learning Delivery, and the infographics for reference.

For more information, please contact:

MR. MICHAEL L. CASEM
E-mail address: regency.escapade@gmail.com
Landline No. 075-6960204
Mobile no. +639971682002

CLMD/jdejr/iSPYArtsAndScienceExhibit
July 31, 2024



RELEASED

August 1, 2024

TO: **Public and Private Elementary & Secondary School Heads**

Interested teachers and learners are encouraged to participate in the activity on voluntary basis. Participation, however, is subject to the no disruption of classes as stipulated in DepEd Order No. 9, s. 2005 (Time-on-Task Policy).

For your information and guidance.

FR: *[Signature]*
VILMA D. EDA, CESO V
Schools Division Superintendent

7/10/24, 11:00 AM

Mail - Office of the Secretary - Outlook

ISPY Arts and Science Exhibit

Regency Escapade <regency.escapade@gmail.com>

Wed 7/10/2024 10:59 AM

To: Office of the Secretary <osec@deped.gov.ph>

3 attachments (2 MB)

ISPY Version 1.pdf; ISPY Version 2.pdf; ISPY Letter Central Office 2024.pdf

Dear Sir/Mam,

Please see attached file for your reference.

Thank you

Regards,
Michael L. Casem
General Manager

Regency Escapade

Travel and Tours

174 2/F MeA Bldg. Ambrosio St. Poblacion

Urdaneta City, Pangasinan 2428

Landline No.: 075 - 6960204

Mobile No.: +63997-1682002

Email: regency.escapade@gmail.com

"We are talking about the FASTEST and the BEST!"

Memberships and Affiliations:

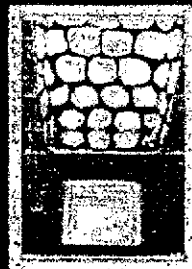
Department of Tourism, PTAA, NAITAS, RITAA, PPTAA,

TPBPhils., CSC, Pangasinan Convention & Visitors Bureau, Pacific Cross Insurance, Standard Insurance Co., Inc.



The Bernoulli principle helps to explain how airplanes fly. Think about what an airplane looks like. If you've never seen an airplane up close, look up a picture on the internet. Consider how the Bernoulli principle applies to airplanes. Like birds, airplanes have wings that are curved at the top, which allows air molecules to move around the wing. Some air molecules move above the wing, while others move below. Due to the shape of airplane wings, the curve on the top surface of the wing causes the air molecules on the top to move faster, while the flat surface of the bottom of the wing causes air molecules on the bottom to move slower. This creates lift, which helps the airplane to fly.

BERNOULLI EFFECT



INFINITY MIRROR

Infinity mirrors are two or more parallel mirrors used to create a series of reflections that appear to go on forever. They create a never-ending illusion by bouncing light off of two parallel mirrors. These can be used in amusement park fun-houses, in clothing stores to create the illusion of space, room accents in interior design, and are also used in works of art by various sculptors or they can be set up as décor in your home for an interesting conversation piece.



KALEIDOSCOPE

A kaleidoscope is an optical device that is based on the principle of reflection of light. A kaleidoscope is generally used to create a symmetrical image of the objects that are present inside the structure of the device. Usually, kaleidoscopes are used as toys for entertainment purposes; however, a kaleidoscope can also be used by fashion designers to form unique designs for clothes. It is displayed in museums for science to understand the applications of reflection of light.



HUMAN ANATOMY

Isn't it shameful to know so many things all around the world but ignorant about your own body's functioning and mechanisms. Human anatomy is basically a study (perhaps, rather a description) of the structures of the human body. We can think of a myriad reasons why it would be beneficial, if not necessary, for the "normal" person to know at least the most basic human anatomy. Anatomy includes ten major systems: the muscular, skeletal, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems. Human anatomy is all about understanding your body, which ultimately will lead to better health and well-being in general.



RENEWABLE ENERGY GALLERY

Renewable energy is a term used to refer to forms of energy that are naturally obtained from the environment and from sources that can be replenished naturally. These include solar energy, wind energy, geothermal energy, hydropower, and biomass. The term renewable energy should not be confused with alternative energy, which describes sources of energy outside the regular forms like gasoline that are considered more environment-friendly or less harmful.



Glowing in the dark is a fun topic to explore with students this season, whether it's centered around the changing seasons and the darkness that comes with rainy season. As the days become shorter and night sets in earlier, we turn to electricity to extend our days. Bioluminescence stands out as one of the most amazing adaptations to grace our planet. And we're not the only species that have found a way to generate light - Fireflies are the most common bioluminescent creatures. By creating their own light through chemical reactions, these critters inspire curiosity in learners of all levels. Capture your student's curiosity and love of learning by using bioluminescence as a springboard into the world of luminescence.



GLOW IN THE DARK



REGENCY ESCAPADE TRAVEL AND TOURS

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Email: regency.escapade@gmail.com



SEN. JUAN EDGARDO "SONNY" ANGARA

Secretary of Department of Education

DEPED Central Office

Pasig, Metro Manila

RECEIVED
7/10/21
84-07-9901

Good day. I fervently hope this letter finds you well.

We are writing this letter to inform your good office that ISPY Arts and Science Exhibit (ISPY 1.0 and ISPY 2.0) is offering an Arts and Science mobile exhibit for Elementary & Secondary level to Private and Public school at Region I this incoming school year 2024-2025.

We're on a mission to advocate for youth education by taking small steps towards big change. Since it is a mobile co-curricular activity, we will be bringing to school's doorstep all the things needed for the event. Laboratory experiments and art projects are part of co-curricular activities.

The program is designed to enhance the students' awareness of important contributions made through simple science experiments in preserving our planet and through arts in improving our environment.

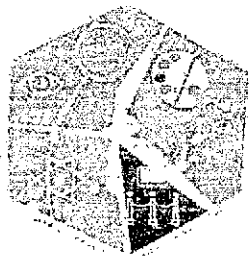
We are determined to protect the students and teaching staff by making use of the school as venue for the said event. We will be responsible for all the materials for the event and will provide a teaching team to demonstrate, explain and answer all queries. We are offering a hands-on experiment for awareness program to be presented to schools on their chosen date.

Attached herewith are the brochures for your review and recommendation.

Thank very much.

Very truly yours,

MICHAEL L. CASEM
General Manager



MISPT Arts & Science Exhibit

SCIENCE AND ARTS ARE ALWAYS
 OF HUMAN CREATIVITY. THEY ARE
 DIFFERENT SIDES OF THE SAME COIN.

GALLERY 1 15 by optical illusion

SHADES THAT TESTS YOUR EYES
 APPARENTLY YOU THINK YOU SEE
 SOMETHING THAT IS NOT REALLY
 THERE, OR SEE IT DIFFERENTLY
 FROM HOW IT REALLY IS

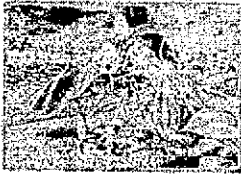


Gallery 2

Recycle

the Arts & Science Exhibit

Each year, we recycle about 100 million
 pounds of waste. That's about 100 million
 pounds of waste that we don't need.
 We can do better. We can recycle more.
 We can do better. We can recycle more.



Recycling is a process that turns waste
 into new products. It's a way to
 save resources and reduce pollution.



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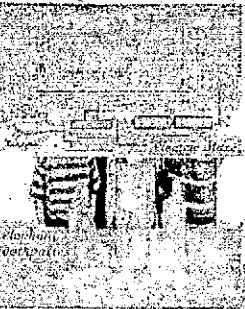
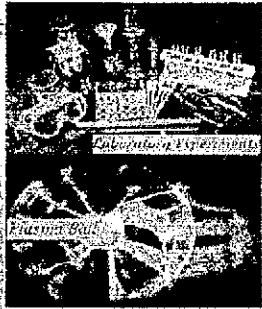
**For You It's Trash,
 For Others It's Treasure**



15 by Science Experiments and 3D Videos

*Just because an idea is true doesn't mean it can be proved.
 And just because an idea can be proved doesn't mean it's true.*

— Joseph Lehner



GALLERY 3 & 4



DIAMOND MOSAIC

Feelings of 'brain fog', hindering your ability to think clearly or even perform simple tasks in children it is often accompanied with outbursts of 'Mum, I'm bored!' There are so many studies detailing the problem with children being both under and over-stimulated in front of the television and the endless use of cellular phones. Thankfully there is a cure. By turning off the television and tuning into a hobby like diamond painting, you can improve your child's theory of mind allowing them to better participate in social situations. Diamond Painting is scientifically proven to improve your health. From physical to mental dexterity and even by reducing blood pressure and increasing your social confidence, diamond painting can change your life and bring about changes that can benefit anyone, young and old.

3D painting is a groundbreaking artistic technique that adds depth and realism to flat surfaces. Using specialized materials and techniques, artists create captivating visuals that appear to pop out of the canvas, paper, or any surface they choose. These meticulously crafted pieces of art engage viewers on a whole new level, inviting them to explore the intricate layers and textures. Whether used for décor, promotional materials, or exhibitions, 3D painting offers a mesmerizing experience that blurs the line between art and reality.



3D PAINTING



WHERE DOES THE 13TH MAN GO?

"The 13th Man" is a classic optical illusion that plays with our perception of space and figures. In this illusion, you typically see a group of 12 men standing. However, as you examine the arrangement closely, you'll realize that there doesn't actually appear to be a 13th man present, even though there should logically be one in the center of the circle. This illusion challenges our brain's ability to perceive and process visual information, highlighting how our minds can sometimes create gaps or overlook details in complex visual scenes. It's a fun example of how our brains can be easily fooled by cleverly arranged shapes and patterns.

OPTICAL ILLUSION VIDEO

Optical illusions can use color, light and patterns to create images that can be deceptive or misleading to our brains. The information gathered by the eye is processed by the brain, creating a perception that in reality, does not match the true image. Seeing is believing, right? What we see and what we think we see are two distinct things. Our senses gather information and send it to our brains. But our brain does not simply receive this information—it creates our perception of the world. This means that sometimes our brain fills in gaps when there is incomplete information, or creates an image that isn't even there. In this gallery, participants will learn how optical illusion helps in making our brains sharper. They will lead you to understand the working of a human brain, and how interesting it is. It also actually helps understand the difference between 'looking' and 'seeing'.



OPTICAL ILLUSION VIDEO & 3D MOVIE



3D DIMENSIONAL FLICK

Experience the Future of Entertainment with 3D Movies! Dive into immersive worlds where characters and scenes come to life in stunning three-dimensional detail. With cutting-edge technology, these movies transport you into the heart of the action, creating an engaging and unforgettable cinematic experience right at your fingertips. Explore the limitless possibilities of 3D storytelling and make your science gadgets the ultimate gateway to visual adventure!

"YOUR SCHOOL'S MOBILE MUSEUM"



iSPY 2.0
ARTS AND SCIENCE EXHIBIT