



Republic of the Philippines
Department of Education
 REGION I

DEPARTMENT OF EDUCATION
 REGION I
RELEASED
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Advisory No. 002, s. 2022
May 29, 2023

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SDO ALAMINOS
RELEASED
 2023-05-05
RECORDS UNIT

iSPY ARTS AND SCIENCE MOBILE EXHIBIT

The iSPy Arts and Science Exhibit is offering an Arts and Science mobile exhibit to learners and teachers of the public and private Elementary and Secondary schools for School Year 2023 - 2024.

The objective of the activity is to enhance students' awareness of important contributions made through simple science experiments in preserving the planet through arts in improving the environment. Proponents of this activity will be responsible for all the materials for the event and will provide a teaching team to demonstrate, explain, answer queries and provide hands-on experiment, reuse-reduce-recycle awareness program to be presented to schools on their chosen date.

Attached is the letter of Michael L. Casem, General Manager of Regency Escapade Travel and Tours, brochure and infographics for reference.

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 (Time-on-Task Policy), and Section 3 of Republic Act No. 5546 (Policy on Contributions) and DepEd Order No. 66, s. 2017 (Policy on Off-Campus Activities), and Ensuring Compliance Therewith.

For more information, please contact:

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CLMD/rblj/jdc/ADV_ArtsandScienceMobileExhibit
 REC2306282/May 29, 2023

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Republic of the Philippines
 Department of Education
 REGION I
 SCHOOLS DIVISION OFFICE OF ALAMINOS CITY

Office of the Schools Division Superintendent

DIVISION MEMORANDUM
DM-2023-274

TO : Assistant Schools Division Superintendent
 Chief Education Supervisor - CID
 Chief Education Supervisor - SOD
 Heads of Public and Private Elementary and Secondary Schools

SUBJECT: **iSPY ARTS AND SCIENCE MOBILE EXHIBIT**

FROM : Office of the Schools Division Superintendent

DATE : June 1, 2023

For your information and guidance.

VIVIAN LUZ S. PAGATPATAN, CESO VI
 Assistant Schools Division Superintendent
 Office Manager
 Schools Division Superintendent

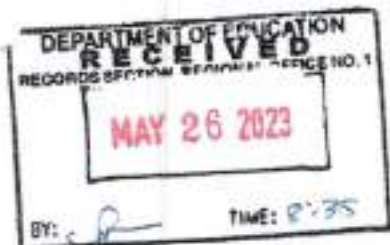
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TOLENTINO G. AQUINO
REGIONAL DIRECTOR
Department of Education REGION I
San Fernando City, La Union

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 is offering an Arts and Science mobile exhibit to Elementary and Secondary Level this incoming school year 2023-2024. 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 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, reuse-reduce-recycle awareness program to be presented to schools on their chosen date.

Attached herewith is the brochures for your review and recommendation.

Thank very much.

Very truly yours,

MICHAEL L. CASEM
General Manager



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iSpy Arts and Science Exhibit is divided into 4 galleries

GALLERY 1 - JUNK ART

At its core, recycled art is about repurposing materials and nature conservation. The underlying message behind all recycled art is in the title itself: recycle. Though each piece has meanings and themes that vary greatly, at its heart the notion of repurposing supplies into sculptures sends a strong message on its own...that we should follow suit. As long as the materials used in the piece were discarded, there's really no limit to what can be used and what the pieces can look like. They can vary from large scale to miniature, from two-dimensional pieces to three dimensional. It's a growing movement but, though its popularity has surged recently, it isn't an entirely foreign concept. The environmental benefits of recycled art include, for example, its contribution to the use and extending the useful life of materials and, as a consequence, by reducing the amount of waste generated. It takes a great deal of creativity and a degree of technique to work with these materials.

GALLERY 2 - OPTICAL ILLUSION

Optical illusions teach us how our eyes and brain work together to see. We live in a three-dimensional world, so our brain gets clues about depth, shading, lighting, and position to help us interpret what we see. We see by learning how to see. Our brains have evolved to identify patterns, creating associations by interacting with the real world. It's a survival instinct to fully understand how optical illusions work, it's important to grasp that the visual system is made up of more than just our eyes. In fact, optical illusions don't necessarily trick our eyes—they trick our brains.

GALLERY 3 - SCIENCE EXPERIMENT

Science experiments generate deep interest in young minds of students. Students endeavor to comprehend every activity they are engaged in by asking questions and seeking answers. Experiments provide learners with hands-on experiences that are not found elsewhere than by doing specific tasks themselves, rather than just passively absorbing information through reading or listening. Science experiments are a great way for students to learn about the world and develop their skills in this area. The opportunity to design and execute their own experiments also helps students develop a sense of ownership which in turn encourages them to take more responsibility for what they learn, as well as have fun trying things out on their own. These science exhibitions encourage students to think out of the box and be creative and inventive. It makes them enjoy science and just not take it as a mere subject. Students are able to come up with their own ideas.

GALLERY 4 - 3D MOVIE

3D Video (3D glasses are provided) Orientation plays an integral role in the ongoing success and growth of any event, regardless of niche or sector, yet many exhibitions overlook this essential part of the short on-boarding process. The primary aim of the orientation efforts should be to make all the participants feel like a valued part of the exhibit, not just a mere spectator or audience but a contributor. The 3D films can give stunningly effective movie experience and spark the senses while giving emotional arousal, which in turn makes the brain run faster and smarter. Now that the 3D films come with a whole lot of benefits. In 2015 in UK a group of scientists and doctors conducted an experiment about 3D films participating filmgoers showed a 23% increase in cognitive processing ability after watching a movie in stereoscope. Their reaction times improved by 11%, and they experienced a "brain boost" for up to 20 minutes after viewing. The improvement in reaction time was five times that experienced by participants who had been watching a 2D movie. The initial results of this study indicate that 3D films may potentially play a role in slowing this decline. Scientists and Doctors believe 3D movies could be used to help improve the performance of surgeons and other professionals requiring superlative cognitive brain function.



iSPY ARTS & SCIENCE EXHIBIT

**"SCIENCES AND ARTS ARE AVATARS
OF HUMAN CREATIVITY. THEY ARE
MANIFESTATIONS OF THE SAME THING."**

GALLERY 1 **ISpy optical illusion**

SOMETHING THAT TRICKS YOUR EYES
AND MAKES YOU THINK YOU SEE
SOMETHING THAT IS NOT REALLY
THERE, OR SEE IT DIFFERENTLY
FROM HOW IT REALLY IS!



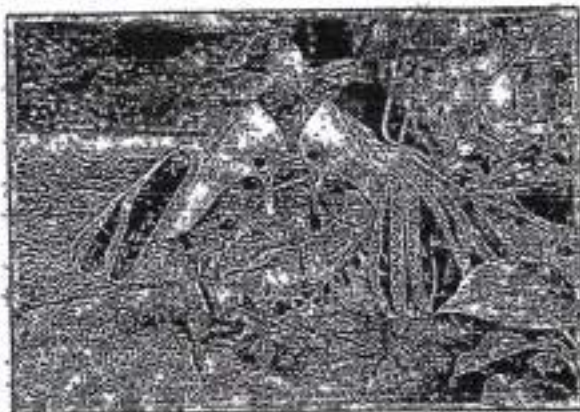
Gallery 2

iRecycle

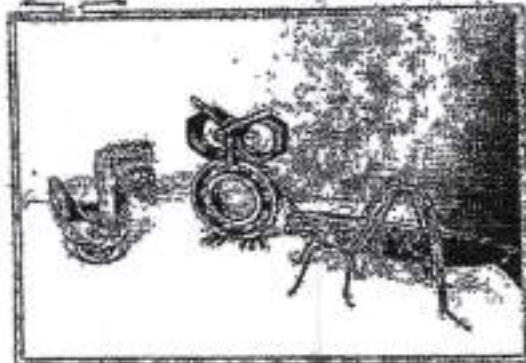
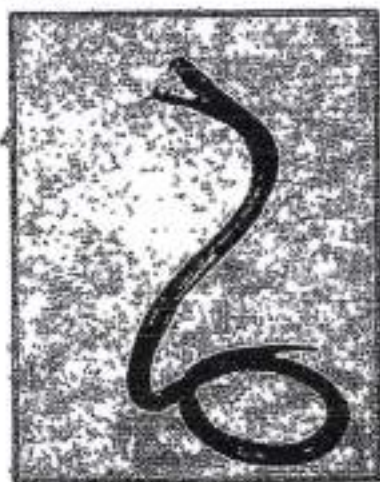


ISPY ARTS &
SCIENCE EXHIBIT

Like many rapidly developing countries, the Philippines grapples with unsustainable plastic production/consumption and insufficient solid waste management infrastructure. A staggering 2.7 million tons of plastic waste are generated in the Philippines each year, and an estimated 20 percent ends up in the ocean.



IRECYCLE would tap the creative side of every viewer, inspire the young generation and shape their view for the future of Arts and Science. It will also open their minds on how people affect the nature.



ISPY Arts and Science named –
IRECYCLE (Gallery 2) will
showcase more than 50 different
arts from different kinds of trash,



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



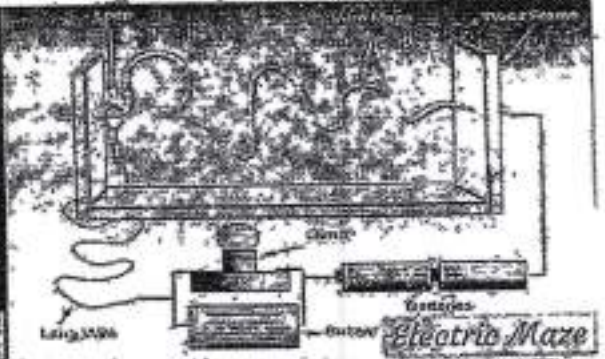
I Spy Science Experiments and 3D Videos

*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.*

— Jonah Lehrer



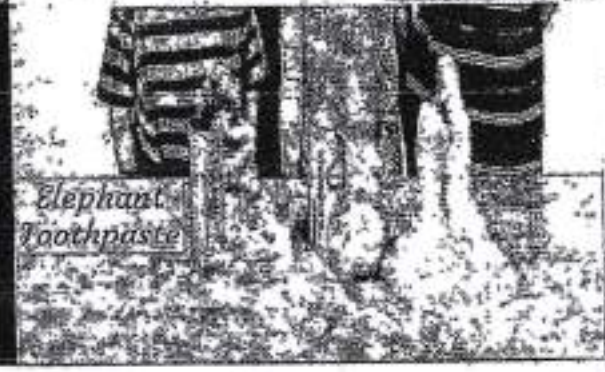
Laboratory Experiments



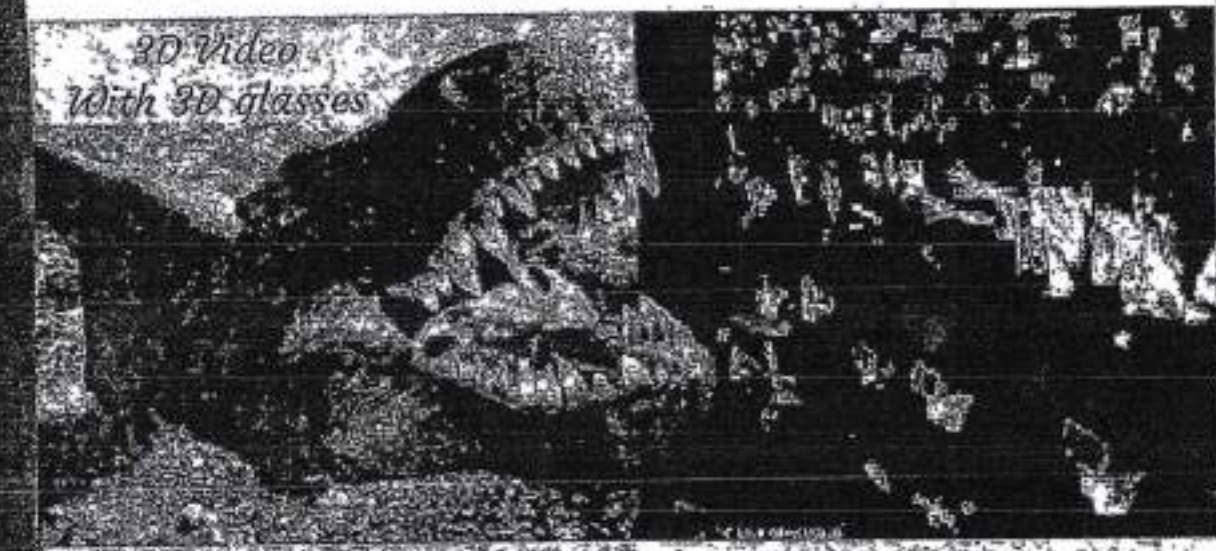
Electric Maze



Plasma Ball



Elephant Toothpaste



*3D Video
With 3D glasses*

