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GENTLE.NEWS

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"One of the advantages of being disorganized is that one is always having surprising discoveries."

— A.A. Milne

NASA Turns Baby Star Photos Into Beautiful Music

NASA has done something truly wonderful. Scientists have turned pictures of newborn stars into music that everyone can hear and enjoy.

A special NASA telescope called Chandra captures X-ray pictures of stars being born. These pictures come from deep in space. Scientists then turn the light and color in those pictures into sounds and music.

One picture shows a galaxy called M82. It is nicknamed the "starburst galaxy." That is because new stars are being born there very fast. Hundreds of times faster than in our own Milky Way! The sounds from this galaxy begin like a soft radar beep. Then they grow into rich drones and musical notes.

Four big telescopes worked together on this project. Each telescope sees a different kind of light. Each type of light becomes a different kind of sound. Some sounds are high and bright. Others are deep and low. Together, they make a kind of space music.

Scientists say listening to stars helps us learn about our own Sun. Our Sun was once a baby star too. By studying young stars, we understand where we all came from. It is a beautiful reminder that the universe is full of wonder and music, just waiting to be heard.

Source: NASA

New Drug Helps Children With Rare Brain Disease Live Longer

A exciting medical breakthrough gives hope to families dealing with a rare and serious childhood illness.

The U.S. Food and Drug Administration has approved a new drug called Lembaz. It is the first medicine ever shown to help patients with Niemann-Pick disease live longer. This is very good news for many families.

Niemann-Pick disease is a rare condition. Only about one in 150,000 people have it. The disease makes it hard for the body to process fats properly. Over time, fats build up in the brain. This can affect movement and coordination.

Before this new drug, doctors had very few options for the youngest and most seriously ill patients. Now, for the first time, there is a treatment that can help both children and adults live longer lives.

The FDA is proud of this milestone. Officials say they remain committed to finding new treatments for people with rare diseases. Families who have waited a long time for help now have real reason to feel hopeful. Medical science continues to make progress every day.

Source: U.S. FDA

Scientists and Ship Crews Team Up to Save Fuel

A scientist named Jarrod Santora loves working on ships at sea. He has sailed on research vessels for over 25 years. His job is to study fish and ocean life for a government science agency called NOAA.

Jarrod wanted to find ways to help the ships that carry him and his team. He worked with ship captains and engineers to study how the vessels use fuel. They published their findings together as a team.

The group discovered something clever. Ships use a lot of fuel during the day. But they gather their best science data at night. So the team found ways to use less fuel during the day. This saves money and helps the environment too.

The idea started with simple conversations. Jarrod always tried to be friendly with the ship crews. He wanted to understand their work and their challenges. He noticed that captains kept careful daily records of fuel use. That data turned out to be very useful.

By working together, scientists and sailors found a smarter way to do their jobs. Less fuel is wasted. The science is just as good. It is a fine example of teamwork and curiosity making the world a little better.

Source: NOAA Fisheries

Tiny Chips in Space Help Keep Astronauts Healthy

Scientists have found a clever new way to protect astronauts on long space journeys. They are using tiny devices called "organ chips" to study how the human body reacts in space.

These chips are smaller than a postage stamp. They are built using real cells from actual astronauts. This means doctors can learn how each person's body handles space travel in a very personal way.

The chips flew aboard NASA's Artemis II mission. That spacecraft completed a journey around the Moon and returned safely to Earth in April 2026. The tiny chips came back filled with valuable health information.

Scientists will study what the chips reveal about radiation and weightlessness in space. This could help doctors pack better medical kits for future astronauts. It may also lead to better healthcare for all of us here on Earth someday.

NASA is now inviting scientists everywhere to help study the results. Together, they hope to build a "digital twin" for each astronaut. Think of it like a detailed computer model of a person's body. It is an exciting step toward safer and healthier space travel for everyone.

Source: NASA

Marine Veteran Finds New Purpose Protecting Wild Salmon

Delbert Henson grew up near the Klamath River in Northern California. As a boy, he read books about sharks and dreamed of becoming a marine biologist.

After high school, Delbert joined the U.S. Marine Corps. He served as a field radio operator. When he left the military in 2023, he was not sure what to do next. He struggled to find good work in his small hometown.

Then his twin sister Margaret told him about a special program. It is called the Veterans Corps. This program helps former soldiers find jobs working in nature. NOAA Fisheries runs the program and pays veterans to work outdoors for a full year. They learn real science skills in the field.

Delbert was matched with fisheries workers in Northern California. A fellow Marine veteran named Bryan Souza helped bring him in. Bryan now works restoring salmon habitat along the Klamath River. He wanted to help other veterans find the same joy he had found outdoors. "I live out in the woods," said Bryan. "This job protecting forests and natural resources is super important."

Now Delbert hikes into remote creeks to count salmon. He is finally living his childhood dream, protecting the wild fish he always loved.

Source: NOAA Fisheries

Activity Time - Word Search

Find the words below in the puzzle. Words go across or down only.

Words to Find:

MEDICINE SCIENCE CREEK OCEAN

CHIPS SHIP FISH

N	E	C	R	E	E	K	G	S	K	O
U	S	C	I	E	N	C	E	Q	T	L
P	Z	K	Z	V	F	N	E	Q	G	B
F	I	S	H	J	R	K	H	C	S	O
M	E	D	I	C	I	N	E	H	H	V
D	Y	Z	Q	P	N	Q	V	I	I	D
R	V	C	M	C	R	H	D	P	P	F
C	B	U	J	E	D	B	A	S	Q	K
K	X	E	S	E	Z	J	H	B	Z	R
L	F	L	O	B	E	O	C	E	A	N
N	S	J	O	M	X	Z	U	V	E	U