

GENTLE.NEWS

In Today's Edition

Science & Discovery

NASA Turns Planet Sounds Into Beautiful Music

Animals & Wildlife

Scientists Use Smart Tags to Study Whales

Technology & Innovation

New Space Telescope Sends Amazing Sky Photos

The World Today

Volunteers Help Scientists Study Amazing Solar Eclipse

Health & Wellness

Amazing Sea Creatures and Their Hearts

Activity Time

Word Search Puzzle

"Why didn't I learn to treat everything like it was the last time. My greatest regret was how much I believed in the future."

— Jonathan Safran Foer

NASA Turns Planet Sounds Into Beautiful Music

Something special is happening in the night sky this month. Six planets are lining up where we can see them all together. This rare event is called a "planetary parade."

NASA has a special space telescope called Chandra. It can see things our eyes cannot see. The telescope looks at planets using special light called X-rays. Scientists have turned this information into sounds we can hear.

Three planets got the musical treatment. Jupiter sounds like woodwind instruments playing. You can hear the planet's colorful auroras as gentle melodies. Saturn creates siren-like sounds that follow its beautiful rings. Different tones play as the music moves across the planet.

Uranus, the ice giant planet, also has its own special song. Scientists mixed information from different telescopes to create these planetary concerts. Each planet has its own unique musical personality.

This amazing project helps us experience space in a new way. We can both see and hear these distant worlds. The sounds turn cold space data into warm, beautiful music that everyone can enjoy.

Scientists Use Smart Tags to Study Whales

Scientists want to learn more about whales in the ocean. But whales are huge animals that live in very deep water. This makes them hard to find and study.

Now scientists have a smart way to track whales. They use special electronic tags. These tiny computers stick to the whales safely. The tags work just like the GPS in your car or phone.

The small tags record lots of helpful information. They show where whales swim and how deep they dive. The tags also record water temperature and the whale's speed. Some tags even record sounds and videos.

Putting tags on whales takes special training and care. Scientists use boats or flying drones to get close. They wait for calm weather and good conditions. Then they gently attach the lightweight tag to the whale's skin.

Even though scientists cannot tag every whale, each tag helps a lot. The information from just one whale teaches us about all whales. This research helps scientists protect whales and keep them safe in the ocean.

New Space Telescope Sends Amazing Sky Photos

A special new telescope has started taking pictures of the night sky. The telescope is called the Rubin Observatory. It can spot things that change in space.

The telescope sent out 800,000 reports in just one night. Soon it will send 7 million reports each night. These reports tell scientists about exciting things happening in space.

The telescope found exploding stars called supernovae. It also spotted asteroids flying around our solar system. These are like space rocks that travel between planets.

Scientists are very happy about this new telescope. It has the biggest digital camera ever made. The camera can see tiny changes in the sky that happen far away.

For the next 10 years, this telescope will watch the sky every night. It will help us learn new things about stars and planets. This is an exciting time for space discovery.

Volunteers Help Scientists Study Amazing Solar Eclipse

On April 8, 2024, something wonderful happened across America. The moon passed in front of the sun, creating a total solar eclipse. This rare event amazed millions of people who looked up at the sky.

NASA asked volunteers to help capture this special moment. Over 143 people with cameras joined the Eclipse Megamovie project. They took pictures of the sun's corona, which is the bright glow around the sun that you can only see during an eclipse.

These dedicated volunteers took more than 52,000 photographs! They worked hard to take the best possible pictures. The volunteers used special equipment and followed careful steps to help scientists.

Now scientists around the world can study these amazing photos. They will learn new things about how the sun works. The pictures show solar jets and plumes leaving the sun's surface.

All the photos are now available for everyone to see online. Volunteer Jessi McKenna said the group was very supportive of each other. She thanked everyone who helped make this project so successful.

Amazing Sea Creatures and Their Hearts

Did you know that sea animals have different numbers of hearts? Some have none at all! Others have more hearts than we do.

Sea stars are special creatures with no hearts. They don't need hearts like we do. Instead, they move seawater through their bodies to stay healthy. Sea stars also have many arms for hugging. Most have five arms, but some have up to 40 arms!

The octopus is amazing too. It has three hearts working together. Two hearts help it breathe underwater. The third heart moves blood around its body. Each of the octopus's eight arms has its own brain. That means it has nine brains total!

The hagfish has even more hearts than the octopus. This small sea creature has four hearts! Hagfish help keep the ocean clean by eating things on the sea floor. They can also make lots of slippery mucus to escape from danger.

These wonderful sea creatures show us how different life can be under the water. Each animal has found its own special way to survive and thrive in the ocean.

Activity Time - Word Search

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

Words to Find:

ECLIPSE

CAMERA

MUSIC

SPACE

STARS

WHALE

TAGS

