

GENTLE.NEWS

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"Nothing in the world is ever completely wrong. Even a stopped clock is right twice a day."

— Paulo Coelho

How Scientists Read Yellowstone's Earthquakes

Yellowstone National Park is one of the most amazing places on Earth. It sits above a giant volcanic system. Scientists watch it very closely every single day.

The park has many small earthquakes. Most are too tiny to feel. But special machines called seismographs record them all. These machines pick up even the gentlest shaking deep underground.

Scientists study each earthquake carefully. Some are caused by faults in the rock. These are called tectonic earthquakes. Others come from hot magma moving below the surface. These are called volcanic earthquakes. Telling them apart helps scientists understand the park.

Yellowstone sits inside a large earthquake zone. It stretches over 800 miles, from Arizona up to Montana. This zone is called the Intermountain Seismic Belt. It is a broad area where the ground is always gently active. Scientists find this very interesting to study.

Learning about these earthquakes helps us understand our planet. Each small shake tells a story from deep inside the Earth. Scientists are grateful for every clue. Their work helps us appreciate the incredible living world beneath our feet.

A Music Maker's Secret Treasure at the Library

A famous musician loves a special part of the Library of Congress. His name is David Harrington. He leads a music group called the Kronos Quartet. They have won Grammy Awards for their recordings.

The Library of Congress holds millions of records, books, and sound recordings. Inside it is a place called the American Folklife Center. It saves old music and stories from across America. David says the staff there are generous, expert, and helpful.

One day, David saw a film about Gullah Geechee music. This music comes from African American communities in the American South. He wanted to share it with the world. One phone call to the Folklife Center connected him with the right people.

The Center also had the oldest known recording of "Kumbaya." That beloved song started as a Gullah spiritual called "Come by here." Finding that old recording felt like striking gold, David said.

He also found an 1890 recording of a Native American elder singing a Salutation Song. It was made on an Edison cylinder — very old technology! Old songs like these help keep history alive for everyone. The Library of Congress helps make that happen every single day.

Woman Helps Send Humans Back to the Moon

A woman named Allison Mjoen has spent 20 years working at NASA. She helps plan how rockets launch into space. Her work is helping send humans back to the Moon.

On April 1, 2026, a big rocket lifted off in Florida. It was a bright, clear, beautiful day. Allison stood with her children and watched it roar into the sky. The ground shook beneath their feet.

Allison helped make that launch possible. She is an operations manager for NASA's Artemis program. Her job is to plan all the steps that happen before a rocket can fly. She works with a big team to get everything ready.

Allison began her career working on the Space Shuttle. Back then, she helped pack food, suits, and supplies for astronauts. Over the years, she learned more and took on bigger roles. Now she helps lead one of NASA's most exciting missions.

Watching the rocket soar was a proud moment for her family. Her children got to see what their mom helped build. Allison says it is a moment she will never forget. Thanks to people like her, humans may soon walk on the Moon again.

Amazing New Computer Chips Help Power the Future

Scientists have created a remarkable new kind of computer chip. These chips work like the human brain. They could help bring clean, unlimited energy to the world.

The chips were made by a team of American scientists and engineers. They worked together at several top research labs across the country. A company called Great Sky helped build the chips.

These special chips use something called superconducting circuits. That means they can work incredibly fast without overheating. Regular computer chips cannot survive in very hot places. But these new chips can handle extreme heat with ease.

The chips were tested inside a machine called a tokamak. A tokamak uses powerful magnets to hold super-hot energy in place. Scientists hope tokamaks will one day produce clean electricity for everyone. The new chips helped monitor and control the hot energy inside.

This is a big step toward a clean energy future. Fusion power produces no harmful waste and uses simple ingredients found in water. Scientists around the world have dreamed of this for decades. These amazing new brain-like chips are helping make that dream come true.

Your Brain Works Extra Hard to Read People's Faces

Have you ever caught someone looking at you and wondered what they were thinking? Scientists have found something very interesting about how some people's brains handle that moment.

Researchers at the University of Michigan studied how the brain reacts when someone looks your way. They found that people who feel nervous around others have very active brains when it comes to reading faces and eyes.

In the study, people watched different eye expressions on a screen. Then they saw words describing what someone might be feeling. When the eyes and the word did not match, something interesting happened. People who feel more nervous in social situations showed a stronger brain response.

Scientists call this brain signal the N400. It is the brain's way of saying, "Wait, something does not quite fit here." This shows that some people's brains are working very hard to understand others.

Researchers say this is not a weakness at all. It may mean that some people are especially good at noticing social signals. Their brains are simply paying very close attention to the people around them. Scientists hope this discovery helps us better understand and appreciate how wonderfully different our brains can be.

Activity Time - Word Search

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

Words to Find:

ARCHIVE

ENERGY

FUSION

LAUNCH

ROCKET

FAULT

BRAIN

