

GENTLE.NEWS

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*"I can shake off everything as I write; my sorrows disappear, my courage
is reborn."*

— Anne Frank

Scientists Celebrate 25 Years of Amazing Discoveries

Scientists from around the country gathered to celebrate a special milestone. They met at a research center in New York to honor 25 years of incredible discoveries.

The celebration was for a special machine called RHIC. This amazing device helped scientists learn about the tiniest building blocks that make up everything around us. For 25 years, it helped researchers unlock secrets of matter itself.

The scientists shared stories about their favorite discoveries. They talked about all the wonderful things they learned over the years. Many researchers said it was like solving the greatest puzzle in nature.

Now the scientists are excited about building an even better machine. The new device will help them make even more amazing discoveries. It will let them explore deeper mysteries about how our world is made.

The meeting brought together hundreds of researchers who love learning. They were proud of their past work and excited about future discoveries. Science keeps moving forward with new tools and fresh ideas.

Teachers Help NASA Study Earth From Space

Teachers across the country are helping NASA learn about our planet. They are part of a special program called GLOBE Mission Earth.

These teachers work with their students to look at the land around them. They take pictures and notes about what they see. Then they send this information to NASA scientists.

NASA has satellites in space that take pictures of Earth every day. The scientists compare what the students see on the ground with what the satellites see from space. This helps make the satellite pictures more accurate.

Fourteen teachers joined this special group this year. Six of them collected observations with their students using a phone app. The students learned about forests, farms, and cities in their area.

The teachers are now planning exciting research projects for next year. Their students will continue helping NASA understand how our Earth is changing. It is wonderful to see young people working with real scientists.

Technology & Innovation

New Technology Makes Electric Power Grid Safer

Scientists have created a new way to protect our electric power grid. The grid brings electricity to our homes and businesses every day.

A team at Oak Ridge National Laboratory built something called Cyber Grid Guard. This technology watches over the electric grid like a security guard. It can spot problems before they cause power outages.

The system uses blockchain technology to keep information safe. Blockchain is the same technology that protects digital money. It makes sure no one can change important electrical data without permission.

A new company called GridForge will now use this invention. They want to help electric companies keep the power running smoothly. This means fewer blackouts and more reliable electricity for everyone.

The scientist who led this work feels proud to help protect America's electric system. He says this gives people more trust in their power supply. Soon, this technology could help keep the lights on in communities across the country.

Animals & Wildlife

Fishing Friends Help Scientists Study Ocean Fish

Summer is here and fishing season is starting! People love to fish along the West Coast. Last year, almost 2 million fishing trips happened in this area.

Scientists and fishing boat captains are working together in California. They want to learn more about fish in the ocean. This helps keep fishing good for everyone.

More than 2,500 people who love fishing volunteer to help. They go out on big fishing boats with scientists. Together they count different types of fish like rockfish.

The volunteers fish in special protected ocean areas. They also fish in regular spots. Then they compare how many fish they find in each place.

Captain Paul Fischer has been helping for 10 years. His big fishing boat takes volunteers out six times each year. The scientists use what they learn to take better care of ocean fish. This teamwork helps fish stay healthy. It also means people can keep enjoying fishing for many years to come.

Nature & Environment

Veterans Enjoy Fun Fishing Trip Despite Rain

A group of military veterans had a wonderful fishing trip in South Carolina. Even though it was raining, everyone stayed happy and excited to fish.

The trip was special. It helped veterans learn new fishing skills. They also learned about ocean science. The trip was a way to thank them for serving our country.

Captain Brian and his crew were amazing helpers. They taught everyone how to catch fish safely. They also showed the veterans how to let fish go back into the water without hurting them.

The weather was windy and wet. But the captain still found great fishing spots. The veterans caught many different types of fish. They caught sea bass, trout, flounder, and drum fish. Even a big hammerhead shark took their bait!

All the fish were put back in the ocean safely. The veterans had a great time learning about fishing and ocean life. Rain could not stop their fun day on the water.

Activity Time - Word Search

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

Words to Find:

RESEARCH

SCIENCE

OCEAN

EARTH

POWER

GRID

FISH

