

GENTLE.NEWS

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"How vain it is to sit down to write when you have not stood up to live."

— Henry David Thoreau

Scientists Study How Ocean Changes Shape Our Beaches

Scientists have made an exciting discovery about beaches along the Pacific coast. They studied beaches in Washington and Oregon for 40 years using special satellite pictures.

The researchers found that ocean weather patterns change our beaches in amazing ways. When El Niño happens, beaches get smaller as waves wash sand away. When La Niña occurs, beaches grow bigger as sand builds up.

El Niño brings stronger waves and higher water to the coast. This takes sand from the beaches. La Niña is gentler and helps beaches collect more sand. The scientists could predict these changes by watching ocean patterns.

The team looked at 750 kilometers of coastline using thousands of measurements. They discovered that these ocean cycles don't just change beaches for one season. The patterns shape beaches for many years.

This research helps us understand how nature works along our beautiful coastlines. Scientists can now better predict how beaches will change over time.

Animals & Wildlife

Wildlife Groups Help Texas Coast Animals

Two groups have worked together for 20 years to help animals along the Texas coast. They are making life better for birds and other wildlife.

The U.S. Fish and Wildlife Service partners with local helpers. Together they fix damaged land where animals live. They remove harmful plants that don't belong there.

Private landowners join in too. They learn how to care for their land in ways that help wildlife. This teamwork benefits everyone.

One special project helped the whooping crane. This big white bird spends winter on the Texas coast. It was in danger of disappearing forever.

The groups cleared out unwanted plants. They brought back native grasses and marsh areas. Now there are more places for cranes and other birds to find food and shelter. The whooping crane population is slowly growing. These beautiful birds are finding new areas to live. This shows that people working together can make a real difference for wildlife.

NASA Helps Students Study How Planes Fly

NASA is working with colleges across America on exciting airplane research. The space agency wants to make flying safer and better for everyone.

Students get special grants to study how planes work. They look at new ideas that could change how we travel by air. Young people from many different subjects work together on these projects.

The program has two main parts. One lets whole university teams tackle big challenges. They can pick their own research questions and work with other schools. The other part gives money directly to students for their own airplane projects.

Teachers and students share what they learn with airplane companies. This helps turn good ideas into real improvements for flying. The research might lead to planes that use less fuel or fly more smoothly.

NASA believes students have fresh ideas that could solve old problems. By supporting young researchers, they hope to discover new ways to make air travel even better for all of us.

FDA Makes Medicine Safety Information Easier to Find

The Food and Drug Administration has created a helpful new computer system. This system makes it easier for people to learn about medicine safety.

The new system is called AEMS. It brings together information that used to be scattered across many different places. Now everything is in one easy-to-use location.

Dr. Marty Makary leads the FDA. He says the old systems were hard to use and cost too much money. The new system works much better for doctors, researchers, and regular people who want to learn about medicines.

The system helps track any problems people might have with medicines, vaccines, and other health products. About 6 million reports come in each year. Before, these reports were stored in seven different computer systems that were confusing to use.

By the end of May, all safety information will be available in real-time through this one system. This means doctors and patients can get the most up-to-date safety information about their medicines quickly and easily.

Movie Awards Still Matter to Stars and Fans

The Oscar awards show is coming soon on March 15. These famous movie awards have been going on for 98 years now.

Not as many people watch the Oscars on TV today. In 1998, about 55 million people watched. Last year, only 18 million people tuned in. But the awards still matter a lot.

A film teacher named David Tarleton explains why. He says winning an Oscar can make someone's whole career. Even just being picked for an award helps movies make more money. Winners often get paid twice as much for their next movie.

The Oscars help small movies become famous too. A movie called "Everything Everywhere All At Once" started small. But it won seven Oscars in 2022. That made it very popular with movie fans.

People still love watching the fancy red carpet part. They enjoy seeing what the movie stars wear. The Oscars bring excitement and glamour to millions of fans around the world.

Activity Time - Word Search

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

Words to Find:

STUDENTS

RESEARCH

COAST

OSCAR

OCEAN

STARS

WAVES

