

GENTLE.NEWS

In Today's Edition

Science & Discovery

Our Space Telescopes Unlock Secrets of the Solar System

The World Today

Young Scientists Dive Into Ocean Research This Summer

Animals & Wildlife

Tribe and Hatchery Work Together to Protect Salmon

Nature & Environment

Grandmother's Stories Help Preserve Ancient Traditions

Technology & Innovation

Scientists Find Smart Way to Stop Computers Wasting Energy

Activity Time

Word Search Puzzle

"May the forces of evil become confused on the way to your house."

— George Carlin

Our Space Telescopes Unlock Secrets of the Solar System

Two of NASA's most powerful space telescopes have made an exciting discovery together. The Hubble and James Webb telescopes teamed up to study tiny, icy objects at the far edge of our solar system.

These objects are called Trans-Neptunian Objects. They orbit the Sun beyond the planet Neptune. That is very, very far away from Earth. Most are too dim for the human eye to ever see.

Scientists made a surprising find during this study. There were fewer small objects than they expected. But the colors of the tiny objects matched the colors of the larger ones nearby. That connection was a big clue.

It suggests these distant objects "remember" how they formed long, long ago. They carry clues about the early days of our solar system. Scientists are thrilled to learn what those clues might mean.

The more we learn about faraway space, the better we understand our own place in the universe. These two great telescopes are helping us see further than ever before. What a wonderful time to explore the cosmos!

Young Scientists Dive Into Ocean Research This Summer

Every summer, young people across America get a chance to explore ocean science. This year, 22 students joined a special research program. They came from 10 different states and 11 colleges.

Each student worked on their own science project. Some studied tiny ocean creatures. Others looked at fish and how they live. A few explored how sound travels underwater. Every project helped us learn more about our oceans.

One student named Kayla loved looking through a microscope. She studied tiny pieces called microplastics. These are so small you can barely see them. Under the microscope, they looked amazing and beautiful.

Kayla also loved meeting the other students. She made new friends and learned from them every day. The scientists who guided the students were kind and helpful. Everyone worked together as a team.

Programs like this give young people a bright future. They learn skills they will use for life. Our oceans are in good hands with curious, caring young scientists looking after them. That is a wonderful thing.

Tribe and Hatchery Work Together to Protect Salmon

On the far northwest corner of Washington State, something beautiful is happening. The Makah Indian Tribe and a fish hatchery are working together to help salmon thrive.

The Makah people have lived in this place since ancient times. They have always had deep respect for the ocean and the fish it provides. That love continues today.

The Makah National Fish Hatchery raises salmon and steelhead fish. These fish are released into local waters. Both tribal members and visitors can enjoy fishing there.

The hatchery sits on 80 beautiful acres near the Pacific Ocean. You can hear the waves from the hatchery grounds. Hemlock forests and wetlands surround the buildings. Olympic National Park is nearby, bringing many visitors.

The hatchery is run together by the tribe and the U.S. Fish and Wildlife Service. This partnership is built on trust and shared care for the land. Many tribal members have worked there for generations. It is more than a job. It is a way of honoring their home and their heritage.

Grandmother's Stories Help Preserve Ancient Traditions

A writer in Nepal grew up listening to his grandmother's stories. She told tales of spirits, birds, animals, and trees. These stories were part of Tharu culture. The Tharu are an Indigenous people of Nepal.

As a child, the writer sat with his grandmother on cold winter nights. She sang folk songs and explained their meaning. He loved every word. But he never wrote any of it down.

After his grandmother passed away, he missed her stories deeply. He wanted to keep her wisdom alive. So he joined a team of researchers. Together, they began recording Tharu folklore before it was lost forever.

Collecting these stories takes time and patience. Researchers must visit communities and build trust. Slowly, people feel comfortable sharing their songs, sayings, and personal tales. Every story is a treasure worth saving.

The Tharu people also have a tradition of tattoos. Each tattoo carries its own meaning and history. A fish tattoo, for example, tells a story all its own. This work reminds us that every culture holds wisdom worth cherishing and protecting.

Scientists Find Smart Way to Stop Computers Wasting Energy

Computers use a lot of energy. But most of that energy is wasted. It leaks away as heat before it can do any useful work.

Scientists at SLAC and Stanford University wanted to fix this. They created a smart new way to measure exactly how much heat escapes from electrical devices. This had never been done so precisely before.

The team used a special material called liquid crystals. These crystals change shape when electricity passes through them. By watching this happen, the scientists could track where heat was being lost.

Then they made a clever change. They adjusted the way power was sent into the device. This simple step reduced wasted heat by more than 60 percent. That is a very impressive result.

This discovery could help build much better computers one day. Future devices may use far less energy. That would be good for everyone. It could also help large computer centers, which use enormous amounts of power, save energy and help our planet.

Activity Time - Word Search

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

Words to Find:

FOLKLORE

HATCHERY

COMPUTE

NEPTUNE

TATTOO

ENERGY

OCEAN

