

GENTLE.NEWS

In Today's Edition

Science & Discovery

Five Young Scientists Win Special Research Awards

Animals & Wildlife

Scientists Count Whales in Arctic Waters

Nature & Environment

Beautiful Northern Lights Dance Across Night Sky

Technology & Innovation

New Camera Takes Amazing Pictures

The World Today

Scientists Work Together on Clean Energy

Activity Time

Word Search Puzzle

"Basically, I have two speeds.... Hostile or smart-aleck. Your choice."

— James Patterson

Five Young Scientists Win Special Research Awards

Five talented scientists have won important awards for their research work. They all work at a famous science lab in California called Berkeley Lab.

These awards help young scientists do amazing research projects. The scientists can use the money to explore new ideas and make discoveries. Each award gives them several years to work on their special projects.

One scientist named Timon Heim is working on better ways to study tiny particles. He wants to build new tools that can see exactly when and where particles crash into each other. This could help us learn more about how the universe works.

The awards come from the government's science department. They have been giving these special awards to young researchers for sixteen years now. The goal is to help brilliant scientists early in their careers.

These scientists represent the future of discovery. Their work today might lead to amazing breakthroughs tomorrow. It's exciting to think about what they might find through their research.

Animals & Wildlife

Scientists Count Whales in Arctic Waters

Scientists have finished counting whales in the cold Arctic seas. They worked together from different countries to find bowhead and beluga whales.

The whale counting project took three years to plan. Teams from Alaska and Canada worked as partners. They wanted to learn how many whales live in these northern waters.

These whales are very important to people who live in Arctic villages. Families have hunted these whales for food for many generations. The whale counting helps make sure there will always be enough whales.

Three teams of scientists flew in small planes over the ocean. They flew from July to August when the weather was best. Each team had pilots and whale experts working together.

The scientists looked down from their planes to spot whales swimming below. They counted each whale they saw. This information helps people understand how whale families are doing in their ocean home.

Beautiful Northern Lights Dance Across Night Sky

The northern lights put on a magical show in February. These dancing lights filled the dark sky with beauty.

A special satellite took pictures of the light show. The satellite can see the lights even from space. It captured amazing views over Iceland and Canada.

The northern lights happen when space weather creates a gentle storm. This storm was very mild and safe. It just made pretty lights appear in the northern sky.

People on the ground see many colors in these lights. Green is the most common color they see. Purple and red lights also appear sometimes.

The lights danced over Iceland early in the morning. Later, they moved west to shine over Canada too. People in both places could enjoy this natural wonder. Scientists study these beautiful lights from space. The satellite helps them learn more about this amazing sight. The northern lights remind us how wonderful our planet can be.

Technology & Innovation

New Camera Takes Amazing Pictures

Scientists have created a special new camera that works like magic. It can take very clear pictures while being gentler than old cameras.

This amazing camera uses something called "ghost imaging." It sounds spooky, but it's really quite wonderful! The camera uses pairs of light particles that work together like best friends.

Here's how it works: One light particle goes through the object being photographed. Its partner stays safe and doesn't touch anything. But because they're connected, both particles share information with each other.

The scientists tested their camera on different things. They took pictures of a cute cat shape and plant seeds. The pictures came out clear and detailed.

This new camera could help doctors take better pictures inside our bodies. It could also help scientists study delicate plants and flowers without hurting them. The gentle light won't damage precious things we want to photograph.

Scientists Work Together on Clean Energy

Scientists in Tennessee are working on exciting new energy ideas. They want to make power that is safe and clean for everyone.

Oak Ridge National Laboratory is teaming up with a company called Kairos Power. Together, they are building special reactors that make electricity. These new reactors use salt instead of water to stay cool.

The salt reactors are very safe. They have special fuel that comes in tiny balls. These little fuel pebbles help make steady power without harm. Scientists have been working on this idea for 60 years.

The team will build test reactors first. They want to make sure everything works well. Then they can build bigger ones to power homes and businesses across America.

More people will need electricity by 2050. These smart scientists are getting ready now. Their new clean energy will help families have reliable power for many years to come.

Activity Time - Word Search

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

Words to Find:

SCIENCE

LIGHTS

AWARDS

COLORS

ENERGY

POWER

LIGHT

