

GENTLE.NEWS

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"You is kind. You is smart. You is important."

— Kathryn Stockett

Animals & Wildlife

Helping Salmon Find Their Way Home

Amazing salmon and steelhead fish are getting help finding their way home. These brave fish swim almost 900 miles to reach the mountains of Idaho. They climb over eight big dams and swim through warm water to get there.

Sometimes small barriers block their path. Things like poorly built road pipes can stop the fish. Even if adult fish make it through, their babies might get stuck. Young salmon need to move freely as water temperatures change.

Good news is coming for these special fish. NOAA Fisheries is paying for projects to help salmon travel safely. Workers in Idaho are fixing four spots where fish got blocked. Native tribes and fishing groups are also helping.

The Snake River has cold, clean water that salmon love. This makes it perfect for laying eggs and raising baby fish. "These projects help more salmon reach the cool water they need," says fish expert Larissa Lee.

Long ago, millions of salmon swam in these rivers. Today there are fewer fish, but people are working hard to bring them back. The cold mountain streams still provide wonderful homes for salmon families.

Nature & Environment

Green Spaces Shine Around Washington D.C.

A special photo taken from space shows beautiful green areas around Washington D.C. An astronaut on the space station captured this amazing view in July when all the trees and plants were bright green.

One lovely spot is Greenbelt Park in Maryland. This wonderful park covers about two square miles. Families can enjoy hiking trails that wind through the forest. There are nice picnic areas for outdoor meals and a campground for visitors who want to stay overnight.

The historic city of Greenbelt has a special crescent shape when seen from above. This community was built in the 1930s as part of a program to create affordable homes with plenty of green space nearby. Walking paths connect the houses to one of America's oldest planned shopping areas.

NASA's Goddard Space Flight Center sits in this green area too. It was NASA's first space complex when it opened in 1959. Even this important space center has patches of forest between its buildings.

The photo shows how green spaces and buildings can work together beautifully. Trees and parks make communities nicer places to live and work.

Scientists Use New Computers to Study Tiny Particles

Scientists have made an exciting discovery using special computers called quantum computers. These amazing machines help us learn about the tiniest pieces of matter.

The research team studied what happens when very small particles crash into each other. These particles are so tiny that millions could fit on the head of a pin. When they bump together, they create bursts of energy and many new particles.

For years, regular computers were not powerful enough to study these collisions. The math problems were just too big and complicated. But now quantum computers can handle these tough questions.

The scientists used these new computers to watch how energy moves and changes during particle crashes. This helps us understand how the universe works at the smallest level.

This research opens doors to many new discoveries. Quantum computers might help solve other big science puzzles too. The team is excited about what they might learn next using these powerful new tools.

Simple Nasal Spray Helps Memory and Thinking

Scientists have wonderful news about helping our brains stay sharp as we age. Researchers at Texas A&M University created a special nasal spray that helps memory and thinking.

As we get older, our brains can develop inflammation. This is like tiny fires that make it harder to remember things and think clearly. Scientists used to think this was just part of aging that could not be changed.

The new nasal spray is very simple to use. It only takes two doses to work. In their study, the spray reduced inflammation in the brain within just a few weeks. Even better, the good effects lasted for months.

The spray helped restore the brain's energy centers. This made memory much better in the people who tried it. The treatment does not require surgery or taking pills for months.

Dr. Ashok Shetty leads the research team. He says this simple spray could help many people in the future. With more older adults every year, this discovery brings hope for keeping minds healthy and active.

NASA Wins Awards for Great Online Content

NASA has won seven special internet awards! These awards celebrate the best websites, videos, and podcasts online.

The space agency won two regular awards and five awards chosen by the public. People around the world voted for their favorites. NASA's wins included their podcast about space and posts from astronauts in space.

Since 1998, NASA has won over 120 of these internet awards. They create wonderful content that helps people learn about space. Their videos, websites, and social media posts teach us about planets, stars, and space travel.

The Webby Awards started in 1996 when the internet was still new. Today, they honor the best online content in many categories. This includes websites, videos, apps, and podcasts.

NASA's success shows how well they share the wonder of space with everyone. Their online content helps people of all ages discover amazing things about our universe.

Activity Time - Word Search

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

Words to Find:

SALMON

ENERGY

PLANET

SPACE

TREES

SPACE

SPRAY

