

# GENTLE.NEWS

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Word Search Puzzle

*"The measure of intelligence is the ability to change."*

— Albert Einstein

### **NASA Space Center Celebrates 50 Years of Wonder**

A special place that teaches people about space is celebrating its 50th birthday. The NASA Goddard Visitor Center opened in May 1976 in Maryland. It has been sharing the magic of space exploration ever since.

When the center first opened, it was mostly outdoors. Instead of cutting a ribbon with scissors, they did something fun. They acted out the first rocket launch by Dr. Robert Goddard. This made the opening very special.

The first exhibits were amazing. Visitors could see a full-size model of a space telescope. They could use a special phone that sent their voices 45,000 miles into space and back. There was also a weather station showing satellite pictures of Earth.

Today, the visitor center still inspires people of all ages. It shows the past, present, and future of space travel. The center helps create the next generation of space explorers.

NASA believes in sharing their work with everyone. The visitor center makes this possible. It has been bringing wonder and learning to families for five decades.

## **Technology & Innovation**

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### **Scientists Make Better Maps of Rivers and Streams**

Scientists have made exciting improvements to river maps. They use special computers to create better pictures of waterways.

The new maps show rivers and streams in 3D. This means you can see how deep and wide they are. The maps look more real than old flat maps.

Two areas got the first new maps. One area is in Washington State along the Okanogan River. The other area is in Alaska near Birch Creek.

The scientists also made helpful charts. These charts show how water flows through different areas. They can predict when streams might be full or empty during the year.

These better maps will help people understand water better. Park rangers, fishermen, and nature lovers can use them. The maps are free for everyone to see online.

### **New Medicine Helps People With Memory Loss**

Good news for families dealing with memory loss! The government just approved a new medicine. It helps people with Alzheimer's disease feel calmer.

Many people with memory problems get upset or restless. They might pace around or feel worried. This can be hard for everyone in the family.

The new medicine is called Auvelity. It was already used to help with sadness. Now doctors can use it for people who feel agitated. This is the first medicine of its kind for this problem.

Scientists tested the medicine with many people. They found it really works. People felt calmer and less upset after taking it.

This gives families hope. They now have another way to help their loved ones feel better. Doctors are pleased to have this new tool to help patients.

### Scientists Help Atlantic Bluefin Tuna Thrive Again

Great news for ocean lovers! Scientists have discovered that bluefin tuna are doing much better in Atlantic waters.

For thirty years, researchers tracked these amazing fish using special electronic tags. They wanted to see where the tuna swim and how they live. The results show something wonderful is happening.

Dr. Barbara Block from Stanford University led this important study. She found that Atlantic waters have become a safe home for bluefin tuna. Fewer fish are being caught there now. This gives the tuna a chance to grow and have babies.

These magnificent fish can weigh up to 600 pounds! They swim across the entire Atlantic Ocean during their lives. Scientists put tiny computers on 1,720 tuna to follow their journeys. The tags showed where they eat, travel, and raise their young.

Many countries now work together to protect these special fish. They set careful limits on fishing. This teamwork is helping tuna numbers grow again. It's a success story that shows how science can help ocean animals thrive.

## Nature & Environment

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### Hawaii's Amazing Volcano Shows Nature's Beauty

Hawaii's famous Kilauea volcano continues to amaze people around the world. This special mountain creates beautiful lava shows that scientists love to study.

Most of the time, Kilauea's eruptions happen in a crater called Halemas-masumu. This crater sits inside a bigger crater at the top of the volcano. For many years, people have watched glowing lava bubble and dance in this special place.

But sometimes, the volcano surprises everyone. The lava can pop up in new spots outside the main crater. Scientists have written about this happening since 1832. These surprise eruptions show how active and alive this volcano really is.

One famous eruption happened in 1959 at a place called Kilauea Iki. It created amazing lava fountains that shot high into the sky. This eruption built a new cone that people can still see today when they visit the area.

Scientists keep careful watch over Kilauea every day. They use special tools to study how the volcano works. Their research helps us understand these amazing natural wonders that make Hawaii so special.

## Activity Time - Word Search

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

### Words to Find:

MEDICINE

VOLCANO

STARS

OCEAN

SPACE

TUNA

MAPS

