

# GENTLE.NEWS

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*"It was not the feeling of completeness I so needed, but the feeling of not  
being empty."*

— Jonathan Safran Foer

### Scientists Map Underground Treasures Across America

Scientists are creating amazing new maps of what lies beneath our feet. They are studying rocks and minerals deep underground across the whole country.

This special project is called Earth MRI. Teams of smart scientists work together to learn about the land. They use new tools and computers to see things that were hidden before.

The maps help people in many ways. They show where valuable minerals might be found. They help builders plan new projects safely. Students and teachers use them to learn about our earth.

One scientist said this is the biggest mapping project since the 1970s. The new information will help people for the next 50 years. Many different groups can use these maps.

The project brings together many partners. State scientists, schools, and companies all work as a team. They share what they learn with everyone. This helps our whole country understand the treasures hidden in our land.

### **Scientists Build Amazing New Super Computers**

Scientists are working on exciting new computers called quantum computers. These special machines could help doctors create better medicines. They might also help us learn more about space and stars.

The computers need to be kept very, very cold to work properly. They must be colder than outer space! Scientists use special machines that look like golden chandeliers to keep them cold.

Chris Spitzer works at a science lab in California. He helps build these amazing computers. He says making them work takes many different parts working together.

The computers have special chips that store information in a new way. Scientists send tiny signals through wires to control the chips. Everything must work perfectly together.

These new computers could solve problems that regular computers cannot handle. Scientists from many places are working together to make them better. The future looks very exciting for this new technology.

## **Animals & Wildlife**

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### **Fish Make Amazing Journeys Home**

Every year, millions of fish swim on incredible journeys. Salmon, trout, and other fish travel thousands of miles. They swim through oceans and rivers to reach home. These brave fish are going back to where they were born. They want to have babies in the same special places.

Some fish swim farther than others. But all of them work very hard to get home. They remember the way even after many years away. This amazing trip is called migration.

People are helping these fish have safer journeys. Workers remove old dams and barriers from rivers. This makes swimming easier for the fish families.

In California, fish can now swim up Alameda Creek again. For 50 years, they could not get through. Now the path is open and clear.

The same good work is happening in many states. Rivers in Idaho and Washington are getting help too. Fish have better chances to reach their homes safely.

### **Massachusetts Man Grows Tasty Oysters by the Sea**

Brenden Doyle loves the ocean. He grew up in Massachusetts near the water. His family has always worked with fish and boats.

Brenden served in the Navy for many years. Later he worked with computers. But he always missed being on the water. He wanted to work by the sea again.

In 2018, Brenden bought some marshland near the ocean. He started growing oysters there. His farm is in a place called the Great Marsh. It has clean, salty water that oysters love.

Brenden's oysters taste special. The marsh grasses and river water give them a sweet, fresh flavor. He starts with tiny baby oysters from Maine. Then he carefully moves them as they grow bigger.

Growing oysters takes a lot of work. Brenden and his helpers sort over one million oysters by hand each year. They make sure each oyster grows a strong, deep shell. People love eating these tasty oysters.

## **Technology & Innovation**

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### **New Program Helps Scientists Share Their Inventions**

Scientists work hard to create amazing new technologies. But sometimes their great ideas stay in the lab. They don't reach people who could use them.

The National Science Foundation wants to change this. They started a new program called Tech Accelerators. This program helps scientists turn their research into useful products.

The program works like a bridge. It connects scientists with business experts. These experts know how to bring new inventions to stores and communities. They help scientists share their discoveries with everyone.

Many smart inventions get stuck between the lab and the market. People call this problem the "valley of death." The new program helps inventions cross this valley safely.

Scientists across the country are excited about this chance. Their hard work can now help more people. New technologies will reach families and communities faster than before.

## Activity Time - Word Search

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

### Words to Find:

SCIENCE

SCIENCE

BRIDGE

ROCKS

OCEAN

RIVER

MARSH

