

GENTLE.NEWS

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"Don't part with your illusions. When they are gone you may still exist, but you have ceased to live."

— Mark Twain

Amazing Space Research Helps People on Earth

Scientists on the space station made wonderful discoveries in 2025. They did more than 750 experiments floating high above Earth. These studies help astronauts stay healthy on long trips. They also help people here on Earth.

One exciting project tested tiny robots that could do surgery. The robots used rubber bands to practice operations in space. Even though commands from Earth took time to reach the robots, they still worked very well. Someday these small surgical robots might help astronauts on Mars. They could also help doctors in remote places on Earth.

Another amazing experiment grew special crystals to help fix broken bones. In space, crystals can grow in perfect shapes because everything floats. These crystals could make better materials for bone surgery. When people break bones, doctors could use these space-grown materials to help them heal faster.

Scientists also used magnets to build tiny body parts in space. Without gravity pulling everything down, they can create perfect tiny tissues. This research might help grow new organs for people who need them.

All this space research makes life better for everyone on Earth.

Animals & Wildlife

Tiny Fish Gets Help From Caring Scientists

In a special place called Devils Hole in Nevada, scientists work hard to protect the world's rarest fish. These tiny fish are called pupfish and they are very special.

The pupfish are only one inch long. The males are bright blue and the females are green. They live in warm water that stays at 92 degrees all year. Only about 20 of these fish are left in the wild.

These little fish live on a small rocky shelf underwater. They eat tiny plants that grow on the rocks. The fish have lived in this one spot for thousands of years.

When earthquakes made big waves in their home, the fish needed help. The waves washed away their food and eggs. Scientists from three different groups worked together to save them.

The scientists had backup fish ready at a special fish center nearby. They quickly put some of these fish back into Devils Hole. This smart plan helped make sure the pupfish will survive for years to come.

Nature & Environment

People Save Rivers and Mountains in Russia

Sometimes regular people can make a big difference for nature. In Russia, citizens have worked together to protect their local rivers and mountains.

In northern Russia, there is a beautiful river called the Kem River. People live in a town nearby and get their drinking water from this river. A company wanted to start fish farming in the river near the town. The people worried this might make their drinking water less clean.

The town residents spoke up about their concerns. They wanted to protect their water supply. Fish farming can be good for business, but the people felt their drinking water was more important.

In another part of Russia, people saved a mountain called Kushtau Mountain. This mountain was going to be torn down for mining. But local residents did not want to lose their beautiful mountain. They worked together to protect it.

These stories show how people can help save nature when they care about their home. Small groups of neighbors can make big changes when they work as a team.

Jewish Families Helped America's Early Days

Here is a wonderful story from America's early history. When America declared independence in 1776, a small Caribbean island was the first place to welcome the new nation.

The island was called Sint Eustatius. It was controlled by the Dutch. About 600 Jewish families lived there. Many had relatives and businesses in America.

These families wanted to help the new American nation. They sent guns, food, and supplies to American soldiers. They found ways around British ships that tried to stop them.

The island's harbors were full of American ships during the war. The supplies helped American soldiers keep fighting for freedom. The Jewish families played an important role in America's fight for independence.

Even though Jewish people were less than one percent of America's population then, they found meaningful ways to help. Their support helped shape the early days of our nation. This story shows how people from different backgrounds came together. They all wanted America to succeed as a free country.

Technology & Innovation

Scientist Gets New Job Leading Research Lab

A scientist named John Hill has a new job. He will lead a big science lab in New York.

John has worked at this lab for many years. The lab is called Brookhaven National Laboratory. It does important science work.

John was helping to run the lab for several months. Now he gets to be the main leader. Many other scientists from around the world wanted this job too.

The lab does exciting research. They study tiny particles and light. They also work on computers and new technology. This research helps make life better for everyone.

John is happy about his new role. He wants to help the lab do even more amazing science. The other workers at the lab are excited to work with him.

Activity Time - Word Search

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

Words to Find:

RESEARCH

LEADER

WATER

WATER

RIVER

SPACE

SHIPS

