

# GENTLE.NEWS

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*"Walk as if you are kissing the Earth with your feet."*

— Thich Nhat Hanh

### Amazing Glacier Moves Like a Heartbeat

Scientists have discovered something wonderful in the Arctic. A glacier moves like a beating heart!

The glacier is called Stonebreen. It sits on a remote island near the North Pole. Even in this cold place, life finds a way. Mosses grow there. Polar bears live there too.

But this glacier does something special. It speeds up and slows down with the seasons. In winter, the ice moves slowly. In summer, it races toward the sea much faster.

Scientists used satellites to watch the glacier for eight years. They made a movie showing how it moves. The glacier looks like it is breathing or beating like a heart.

What makes it speed up in summer? Melted water flows down under the ice. This water helps the whole glacier slide faster over the rocks below. It is nature's amazing way of moving tons of ice toward the ocean.

### **Scientists Count Whales in Arctic Waters**

Scientists from America and Canada worked together on an exciting project. They counted whales swimming in the cold Arctic waters.

The team spent weeks flying over the ocean in small planes. They looked for two types of whales. Bowhead whales are very large and can live for many years. Beluga whales are smaller and have beautiful white skin.

This counting project took three years to plan. The scientists wanted to learn how many whales live in these waters. Three teams of researchers flew in special aircraft during the summer months.

Local communities have been fishing for these whales for many generations. The whale count helps make sure there will always be enough whales in the ocean. This keeps the balance of nature healthy.

The scientists shared their work across two countries. They used the best tools and worked very carefully. Their hard work helps protect these amazing ocean animals for the future.

## **The World Today**

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### **New Science Centers Will Help Students Learn**

The National Science Foundation is creating exciting new learning centers across America. They are spending \$100 million to build 16 special science labs.

These centers will be open to everyone. Students from colleges can visit and learn. Teachers can bring their classes. Even small businesses can use the equipment.

The labs will have amazing tools for studying very tiny things. Scientists will teach people about quantum science. This is a new type of science that could change how computers work.

The centers will help America stay ahead in science and technology. Students will get hands-on practice with the newest equipment. This will help them get good jobs in the future.

The project will last five years. It builds on 50 years of science education programs. Young people will have more chances to explore and discover new things.

## Technology & Innovation

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### **New Tool Shows How Americans Use Water**

Scientists have created a helpful new tool about water use. Water is very important in our daily lives. It helps grow food and keeps our homes running. It also makes electricity for our lights and appliances.

Two smart researchers worked together on this project. They built a computer system that tracks water use across America. The tool shows who uses water and how much they take. It looks at rivers, lakes, and underground water sources.

This database has lots of useful information. It tracks nearly 200,000 water users across the country. The system shows how water use changes through the seasons. It also shows which groups use the most water in each area.

Communities can now make better choices about water. They can see patterns and plan for the future. This helps everyone use water more wisely. The tool is free for anyone to use online.

The researchers are proud of their work. They say this is the first time anyone has gathered so much water information. Towns and cities can now manage their water supplies better. This smart planning helps protect this important resource for everyone.

### **Four Astronauts Begin Space Adventure**

Four brave astronauts launched into space on Friday morning. They rode in a Dragon spacecraft on top of a powerful rocket. The launch happened in Florida at sunrise.

The crew includes astronauts from different countries. Jessica Meir and Jack Hathaway are from America. Sophie Adenot comes from Europe. Andrey Fedyaev is from Russia. They will work together as a team.

Their rocket carried them to the International Space Station. This amazing station floats high above Earth. People from many nations built it together. It has been home to astronauts for over twenty years.

The four crew members will live and work in space for months. They will do important experiments. Their research will help people on Earth. It will also help us learn about traveling to the Moon and Mars.

This mission shows how countries can work together peacefully. The astronauts will share meals and stories from their homelands. They will take beautiful pictures of Earth to share with all of us.

## Activity Time - Word Search

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

### Words to Find:

GLACIER

ARCTIC

WHALE

LAKES

SPACE

HEART

LABS

